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DVMS WATER - GEO™
DIGITAL VARIABLE MULTI

DVM Technical Data Book

DVM S WATER (Outdoor Units)

SAMSUNG

DVM

DVM Technical Data Book

Outdoor Units

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DVM S WATER

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1 Nomenclature

1-1. Outdoor units

Model name

AM	080	F	X	W	A	N	R	/	EU
①	②	③	④	⑤	⑥	⑦	⑧		(Buyer)

① Classification

AM	DVM

② Capacity

x 1/10 HP (3 digits)

③ Version

F	2013
H	2014
J	2015

④ Product Type

X	Outdoor Unit
N	Indoor Unit

⑤ Feature1

W	DVM WATER

⑥ Feature2

A	Standard + General Temp.+ Module

⑦ Rating Voltage

N	3Ø, 380~415V, 50/60Hz
G	3Ø, 380~415V, 50Hz

⑧ Mode

R	Heat Recovery
H	Heat Pump

2 Line-up

2-1. Outdoor units

Type	Capacity (HP)			
	8.0	10.0	12.0	20.0
Heat Recovery / Heat Pump	●	●	●	●

2-1. Indoor units

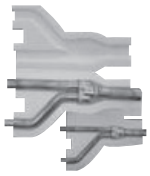
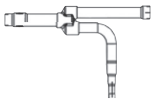
Type	Capacity (kW)												
	2.2	2.8	3.6	4.5	5.6	6.0	7.1	9.0	11.2	12.8	14.0	22.0	28.0
Slim 1 way cassette	●	●	●										
2 way cassette					●		●						
4 way cassette (S)				●	●		●	●	●	●	●		
4 way cassette (600 x 600)	●	●	●	●	●	●							
Slim duct	●	●	●	●	●		●	●	●	●	●		
MSP duct	●	●	●	●	●		●	●	●	●	●		
HSP duct									●	●	●	●	●
Console		●	●		●								
Ceiling					●		●						
Neo Forte	●	●	●		●		●						
Neo Forte (E)	●	●	●	●	●		●						
Floor Standing			●		●		●						

Type	Air Flow Rate (CMH)				
	250	350	500	800	1,000
ERV PLUS			●		●

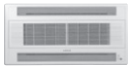
Type	Capacity (kW)			
	16.0	25.0	32.0	50.0
Hydro Unit HE	●		●	●
Hydro Unit HT	●	●		

3 Accessory

Classification		Product	Model	Image	Application model
Integrated management system	Controller	DMS 2	MIM-D00AN		DVM S, DVM S WATER
		S-NET 3	MST-P3P		DVM S, DVM S WATER
	Interface Module	PIM	MIM-B16N		DVM S, DVM S WATER (latter half of '13)
Centralized control system	Controller	Centralized controller	MCM-A202DN		DVM S, DVM S WATER
		Operation mode selection switch	MCM-C200		DVM S, DVM S WATER
		New touch controller	MCM-A300N		DVM S, DVM S WATER
Individual control System controller	Controller	Wireless remote controller	MR-DH00		Cassette, Duct(Receiver needed)
		Wired remote controller (Multi function)	MWR-WE10N		Cassette, Wall-mounted, Ceiling, Duct, Console, ERV
		Wireless signal receiver	MRK-A10N		Duct (For wireless remote controller)
		Remote sensor	MRW-TA		Cassette, Wall-mounted, Ceiling, Duct, Console
		ERV CO2 Sensor	MOS-C1		ERV, ERV PLUS
Building management system		Lonworks interface module	MIM-B18N		DVM S, DVM S WATER
		DMS-Bnet (BACnet)	MIM-B17N		DVM S, DVM S WATER
Guest room management system		External contact interface module	MIM-B14		DVM S, DVM S WATER
Converter		S-Net Pro	MIM-C02N		DVM S, DVM S WATER
		Communication	MIM-N00		DVM S, DVM S WATER
Multi Tenant Function Controller			MCM-C210		DVM S, DVM S WATER

Classification	Feature	Model	Description	Relevant unit	Remark
Y-JOINT		MXJ-YA1509M	15.0 kW and below	DVM S HP/HR DVM S WATER HP/HR	Requisite
		MXJ-YA2512M	Over 15.0 ~ 40 kW and below		
		MXJ-YA2812M	Over 40 ~ 45 kW and below		
		MXJ-YA2815M	Over 45 ~ 70.3 kW and below		
		MXJ-YA3419M	Over 70.3 ~ 98.4 kW and below		
		MXJ-YA4119M	Over 98.4 ~ 135.2 kW and below		
		MXJ-YA4422M	Over 135.2 kW		
Y-joint (High Pressure Gas, HR only)		MXJ-YA1500M	22.4 kW and below	DVM S HR DVM S WATER HR	Requisite
		MXJ-YA2500M	Over 22.4 ~ 70.3 kW and below		
		MXJ-YA3100M	Over 70.3 ~ 135.2 kW and below		
		MXJ-YA3800M	Over 135.2 kW		
Outdoor joint (Outdoor Connection)		MXJ-TA3819M	135.2 kW and below	DVM S HP/HR DVM S WATER HP/HR	Requisite
		MXJ-TA4422M	Over 140.0 kW		
Outdoor joint (High Pressure Gas, HR only)		MXJ-TA3100M	135.2 kW and below	DVM S HR DVM S WATER HR	Requisite
		MXJ-TA3800M	Over 140.2 kW		
Header joint		MXJ-HA2512M	45.0 kW and below (for 4 rooms)	DVM S HP/HR DVM S WATER HP/HR	Requisite
		MXJ-HA3115M	70.3 kW and below (for 8 rooms)		
		MXJ-HA3819M	Over 70.3 kW (for 8 rooms)		
EEV kits		MXD-E24K132A	2 Indoor	Apply to products without EEV (Wall mount & Ceiling)	Option
		MXD-E24K200A			
		MXD-E32K200A			
		MXD-E24K232A	3 Indoor		
		MXD-E24K300A			
		MXD-E32K224A			
		MXD-E32K300A			
		MEV-E24SA	1 Indoor		
		MEV-E32SA			
Drain Pump		MDP-N047SNC1D	HSP Duct (22.0/28.0)kW	-	Option
		MDP-M075SGU1D	MSP Duct (9.0/11.2) kW	-	
		MDP-M075SGU2D	MSP Duct (12.8/14.0) kW		
		MDP-M075SGU3D	MSP Duct (5.6/7.1) kW		
		MDP-E075SEE3D	SlimDuct (2.0~14.0)kW	-	
MCU		MCU-S4NEE1N	Below 4 indoor units	DVM S HR DVM S WATER HR	Requisite (HR Only)
		MCU-S6NEE1N	Below 6 indoor units		
		MCU-S4NEE2N	Below 2 large capacity ducts		
AHU KIT		MXD-K025AN	7.0kW~8.75kW	-	Option
		MXD-K050AN	14.0kW~17.5kW		
		MXD-K075AN	21.0kW~26.25kW		
		MXD-K100AN	28.0kW~35.0kW		

3 Accessory

Classification	Feature	Model	Description	Relevant unit	Remark
PDM KIT		MXD-A38K2A	8~12HP	DVM S	Option
		MXD-A12K2A	14~16HP		
		MXD-A58K2A	18~22HP		
Humidifier		MVO-VA050100	500CMH	-	Option
		MVO-VA100100	1000CMH		
Virus Doctor KIT		MSD-CAN1	4way Cassette	-	Option
		MSD-EAN1	ERV-Plus		
Motion detect sensor		MCR-SMA	4way Cassette	-	Option
Front panel		PC1NUSMAN	Slim 1way cassette	-	Requisite
		PC1NUPMAN	Slim 1way cassette (Z-slide)		
		PC2NUSMEN	2 way cassette		
		PC4SUSMAN	Mini 4way cassette (Waffle)		
		PC4SUSMBN	Mini 4way cassette (Classic)		
		PC4NUSKAN	4 way cassette (Waffle)		
		PC4NUSKEN	4 way cassette (Classic)		
		PC4NBSKAN	4 way cassette (Waffle, Black)		

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1-1. DVM S WATER

Model Name				AM080FXWANR✳✳✳	AM100FXWANR✳✳✳	AM120FXWANR✳✳✳	AM160FXWANR✳✳✳
Power Supply			Ø, #, V, Hz	3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60
Mode			-	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP		HP	8.00	10.00	12.00	16.00
	Ton		Ton	6.37	7.96	9.55	12.74
	Capacity (Nominal)	Cooling	kW	22.40	28.00	33.60	44.80
			Btu/h	76,400	95,500	114,600	152,900
		Heating	kW	25.20	31.50	37.80	50.40
			Btu/h	86,000	107,500	129,000	172,000
Power	Power Input (Nominal)	Cooling 1)	kW	3.84	5.05	6.46	7.68
		Heating 2)		4.12	5.25	6.51	8.24
	Current Input (Nominal)	Cooling 1)	A	6.20	8.10	10.30	12.40
		Heating 2)		6.60	8.40	10.40	13.20
	MCA			16.30 (MCA)	20.00 (MCA)	25.00 (MCA)	32.50 (MCA)
	MFA			20.00	20.00	30.00	40.00
COP	Nominal Cooling 1)		-	5.83	5.54	5.20	5.83
	Nominal Heating 2)		-	6.12	6.00	5.81	6.12
Compressor	Type		-	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 2
	Model Name		-	DS-GB052FAVBSG x 1	DS-GB052FAVBSG x 1	DS-GB066FAVBSG x 1	DS-GB052FAVBSG x 2
	Oil	Type	-	PVE	PVE	PVE	PVE
Condenser	Type		-	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)
	Pipe Size		Ø, inch	PT 1-1/4	PT 1-1/4	PT 1-1/4	PT 1-1/4 x 2
	Lost Head		kPa	22.0	30.0	43.0	22.0 x 2
	Water Flow Rate		LPM	80.0	96.0	114.0	80.0 x 2
	Max. Pressure		Mpa	1.96	1.96	1.96	1.96
Piping Connections	Liquid Pipe		Ø, mm	9.52	9.52	12.70	12.70
			Ø, inch	3/8"	3/8"	1/2"	1/2"
	Discharge Gas Pipe		Ø, mm	15.88	19.05	19.05	22.22
			Ø, inch	5/8"	3/4"	3/4"	7/8"
	Gas Pipe		Ø, mm	19.05	22.22	28.58	28.58
			Ø, inch	3/4"	7/8"	1 1/8"	1 1/8"
	Installation Limitation	Max. Length	m	170(190)	170(190)	170(190)	170(190)
		Max. Height	m	50.0(40.0)	50.0(40.0)	50.0(40.0)	50.0(40.0)
Field Wiring	Power Source Wire		mm2	-	-	-	-
	Transmission Cable		mm2	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	5.50	5.80	6.00	11.00
Sound 3)	Sound Pressure		dB(A)	48.0	48.0	50.0	-
	Sound Power		dB(A)	70.0	70.0	70.0	-
External Dimension	Net Weight		kg	160.0	160.0	160.0	160.0 x 2
	Shipping Weight		kg	167.0	167.0	167.0	167.0 x 2
	Net Dimensions (WxHxD)		mm	770 x 1,000 x 545	770 x 1,000 x 545	770 x 1,000 x 545	(770 x 1,000 x 545) x 2
	Shipping Dimensions (WxHxD)		mm	840 x 1,200 x 620	840 x 1,200 x 620	840 x 1,200 x 620	(840 x 1,200 x 620) x 2
Operating Temp. Range	Cooling		°C	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0
	Heating		°C	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0

Specifications may be subject to change without prior notice for product improvement.

1) Nominal cooling capacities are based on;
   Indoor temerature : 27°C DB, 19°C WB / Inlet water temperature : 30°C / Equivalent refrigerant piping : 7.5m, Level differences : 0m
2) Nominal heating capacities are based on;
   Indoor temerature : 20°C DB, 15°C WB / Inlet water temperature : 20°C / Equivalent refrigerant piping : 7.5m, Level differences : 0m
3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

Model Name				AM180FXWANR✱✱✱	AM200FXWANR✱✱✱	AM220FXWANR✱✱✱	AM240FXWANR✱✱✱
Power Supply			Ø, #, V, Hz	3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60
Mode			-	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP		HP	18.00	20.00	22.00	24.00
	Ton		Ton	14.33	15.92	17.52	19.11
	Capacity (Nominal)	Cooling	kW	50.40	56.00	61.60	67.20
			Btu/h	172,000	191,100	210,200	229,300
		Heating	kW	56.70	63.00	69.30	75.60
			Btu/h	193,500	215,000	236,500	258,000
Power	Power Input (Nominal)	Cooling 1)	kW	8.89	10.77	11.51	12.92
		Heating 2)		9.37	10.86	11.76	13.02
	Current Input (Nominal)	Cooling 1)	A	14.30	17.30	18.40	20.60
		Heating 2)		15.00	17.40	18.80	20.80
	MCA			36.30 (MCA)	39.80 (MCA)	45.00 (MCA)	50.00 (MCA)
	MFA			40.00	40.00	50.00	50.00
COP	Nominal Cooling 1)		-	5.67	5.20	5.35	5.20
	Nominal Heating 2)		-	6.05	5.80	5.89	5.81
Compressor	Type		-	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2
	Model Name		-	DS-GB052FAVBSG x 2	DS-GB052FAVBSG x 2	DS-GB052FAVBSG x 1 + DS-GB066FAVBSG x 1	DS-GB066FAVBSG x 2
	Oil	Type	-	PVE	PVE	PVE	PVE
Condenser	Type		-	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)
	Pipe Size		Ø, inch	PT 1-1/4 x 2	PT 1-1/4	PT 1-1/4 x 2	PT 1-1/4 x 2
	Lost Head		kPa	22.0 + 30.0	54.0	30.0 + 43.0	43.0 x 2
	Water Flow Rate		LPM	80.0 + 96.0	190.0	96.0 + 114.0	114.0 x 2
	Max. Pressure		Mpa	1.96	1.96	1.96	1.96
Piping Connections	Liquid Pipe		Ø, mm	15.88	15.88	15.88	15.88
			Ø, inch	5/8"	5/8"	5/8"	5/8"
	Discharge Gas Pipe		Ø, mm	22.22	28.58	28.58	28.58
			Ø, inch	7/8"	1 1/8"	1 1/8"	1 1/8"
	Gas Pipe		Ø, mm	28.58	28.58	28.58	28.58
			Ø, inch	1 1/8"	1 1/8"	1 1/8"	1 1/8"
	Installation Limitation	Max. Length	m	170(190)	170(190)	170(190)	170(190)
		Max. Height	m	50.0(40.0)	50.0(40.0)	50.0(40.0)	50.0(40.0)
Field Wiring	Power Source Wire		mm2	-	-	-	-
	Transmission Cable		mm2	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	11.30	9.80	11.80	12.00
Sound 3)	Sound Pressure		dB(A)	-	51.0	-	-
	Sound Power		dB(A)	-	73.0	-	-
External Dimension	Net Weight		kg	160.0 x 2	240.0	160.0 x 2	160.0 x 2
	Shipping Weight		kg	167.0 x 2	250.0	167.0 x 2	167.0 x 2
	Net Dimensions (WxHxD)		mm	(770 x 1,000 x 545) x 2	1,100 x 1,000 x 545	(770 x 1,000 x 545) x 2	(770 x 1,000 x 545) x 2
	Shipping Dimensions (WxHxD)		mm	(840 x 1,200 x 620) x 2	1,170 x 1,200 x 620	(840 x 1,200 x 620) x 2	(840 x 1,200 x 620) x 2
Operating Temp. Range	Cooling		°C	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0
	Heating		°C	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0

Specifications may be subject to change without prior notice for product improvement.

1) Nominal cooling capacities are based on;
   Indoor temerature : 27°C DB, 19°C WB / Inlet water temperature : 30°C / Equivalent refrigerant piping : 7.5m, Level differences : 0m

2) Nominal heating capacities are based on;
   Indoor temerature : 20°C DB, 15°C WB / Inlet water temperature : 20°C / Equivalent refrigerant piping : 7.5m, Level differences : 0m

3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

1-1. DVM S WATER

Model Name				AM260FXWANR∗∗∗	AM280FXWANR∗∗∗	AM300FXWANR∗∗∗	AM320FXWANR∗∗∗
Power Supply			Ø, #, V, Hz	3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60
Mode			-	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP		HP	26.00	28.00	30.00	32.00
	Ton		Ton	20.70	22.29	23.88	25.48
	Capacity (Nominal)	Cooling	kW	72.80	78.40	84.00	89.60
			Btu/h	248,400	267,500	286,600	305,700
		Heating	kW	81.90	88.20	94.50	100.80
			Btu/h	279,500	301,000	322,400	343,900
Power	Power Input (Nominal)	Cooling 1)	kW	12.73	14.61	15.82	17.23
		Heating 2)		13.49	14.98	16.11	17.37
	Current Input (Nominal)	Cooling 1)	A	20.50	23.50	25.40	27.60
		Heating 2)		21.60	24.00	25.80	27.80
	MCA			52.50 (MCA)	56.00 (MCA)	59.80 (MCA)	57.00 (MCA)
	MFA			60.00	60.00	60.00	60.00
COP	Nominal Cooling 1)		-	5.72	5.37	5.31	5.20
	Nominal Heating 2)		-	6.07	5.89	5.87	5.80
Compressor	Type		-	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3
	Model Name		-	DS-GB052FAVBSG x 3	DS-GB052FAVBSG x 3	DS-GB052FAVBSG x 3	DS-GB066FAVBSG x 1 + DS-GB052FAVBSG x 2
	Oil	Type	-	PVE	PVE	PVE	PVE
Condenser	Type		-	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)
	Pipe Size		Ø, inch	PT 1-1/4 x 3	PT 1-1/4 x 2	PT 1-1/4 x 2	PT 1-1/4 x 2
	Lost Head		kPa	22.0 x 2 + 30.0	22.0 + 54.0	30.0 + 54.0	43.0 + 54.0
	Water Flow Rate		LPM	80.0 x 2 + 96.0	80.0 + 190.0	96.0 + 190.0	114.0 + 190.0
	Max. Pressure		Mpa	1.96	1.96	1.96	1.96
Piping Connections	Liquid Pipe		Ø, mm	19.05	19.05	19.05	19.05
			Ø, inch	3/4"	3/4"	3/4"	3/4"
	Discharge Gas Pipe		Ø, mm	28.58	28.58	28.58	28.58
			Ø, inch	1 1/8"	1 1/8"	1 1/8"	1 1/8"
	Gas Pipe		Ø, mm	34.92	34.92	34.92	34.92
			Ø, inch	1 3/8"	1 3/8"	1 3/8"	1 3/8"
	Installation Limitation	Max. Length	m	170(190)	170(190)	170(190)	170(190)
		Max. Height	m	50.0(40.0)	50.0(40.0)	50.0(40.0)	50.0(40.0)
Field Wiring	Power Source Wire		mm2	-	-	-	-
	Transmission Cable		mm2	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	16.80	15.30	15.60	15.80
Sound 3)	Sound Pressure		dB(A)	-	-	-	-
	Sound Power		dB(A)	-	-	-	-
External Dimension	Net Weight		kg	160.0 x 3	160.0 + 240.0	160.0 + 240.0	160.0 + 240.0
	Shipping Weight		kg	167.0 x 3	167.0 + 250.0	167.0 + 250.0	167.0 + 250.0
	Net Dimensions (WxHxD)		mm	(770 x 1,000 x 545) x 3	770 x 1,000 x 545 + 1,100 x 1,000 x 545	770 x 1,000 x 545 + 1,100 x 1,000 x 545	770 x 1,000 x 545 + 1,100 x 1,000 x 545
	Shipping Dimensions (WxHxD)		mm	(840 x 1,200 x 620) x 3	840 x 1,200 x 620 + 1,170 x 1,200 x 620	840 x 1,200 x 620 + 1,170 x 1,200 x 620	840 x 1,200 x 620 + 1,170 x 1,200 x 620
Operating Temp. Range	Cooling		°C	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0
	Heating		°C	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0

Specifications may be subject to change without prior notice for product improvement.

1) Nominal cooling capacities are based on;
   Indoor temerature : 27°C DB, 19°C WB / Inlet water temperature : 30°C / Equivalent refrigerant piping : 7.5m, Level differences : 0m
2) Nominal heating capacities are based on;
   Indoor temerature : 20°C DB, 15°C WB / Inlet water temperature : 20°C / Equivalent refrigerant piping : 7.5m, Level differences : 0m
3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

Model Name				AM340FXWANR∗∗∗	AM360FXWANR∗∗∗	AM380FXWANR∗∗∗	AM400FXWANR∗∗∗
Power Supply			Ø, #, V, Hz	3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60
Mode			-	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP		HP	34.00	36.00	38.00	40.00
	Ton		Ton	27.07	28.66	30.26	31.85
	Capacity (Nominal)	Cooling	kW	95.20	100.80	106.40	112.00
			Btu/h	324,800	343,900	363,100	382,200
		Heating	kW	107.10	113.40	119.70	126.00
			Btu/h	365,400	386,900	408,400	429,900
Power	Power Input (Nominal)	Cooling 1)	kW	17.97	18.45	19.66	21.54
		Heating 2)		18.27	19.10	20.23	21.72
	Current Input (Nominal)	Cooling 1)	A	28.70	29.70	31.60	34.60
		Heating 2)		29.20	30.60	32.40	34.80
	MCA			61.6 (MCA)	63.6 (MCA)	66.9 (MCA)	70.00 (MCA)
	MFA			75.00	75.00	75.00	75.00
COP	Nominal Cooling 1)		-	5.30	5.46	5.41	5.20
	Nominal Heating 2)		-	5.86	5.94	5.92	5.80
Compressor	Type		-	SSC Scroll x 3	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4
	Model Name		-	DS-GB052FAVBSG x 1 + DS-GB066FAVBSG x 2	DS-GB052FAVBSG x 4	DS-GB052FAVBSG x 4	DS-GB052FAVBSG x 4
	Oil	Type	-	PVE	PVE	PVE	PVE
Condenser	Type		-	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)
	Pipe Size		Ø, inch	PT 1-1/4 x 3	PT 1-1/4 x 3	PT 1-1/4 x 3	PT 1-1/4 x 2
	Lost Head		kPa	30.0 + 43.0 x 2	22.0 x 2 + 54.0	22.0 + 30.0 + 54.0	54.0 x 2
	Water Flow Rate		LPM	96.0 + 114.0 x 2	80.0 x 2 + 190.0	80.0 + 96.0 + 190.0	190.0 x 2
	Max. Pressure		Mpa	1.96	1.96	1.96	1.96
Piping Connections	Liquid Pipe		Ø, mm	19.05	19.05	19.05	19.05
			Ø, inch	3/4"	3/4"	3/4"	3/4"
	Discharge Gas Pipe		Ø, mm	28.58	34.92	34.92	34.92
			Ø, inch	1 1/8"	1 3/8"	1 3/8"	1 3/8"
	Gas Pipe		Ø, mm	34.92	41.28	41.28	41.28
			Ø, inch	1 3/8"	1 5/8"	1 5/8"	1 5/8"
	Installation Limitation	Max. Length	m	170(190)	170(190)	170(190)	170(190)
		Max. Height	m	50.0(40.0)	50.0(40.0)	50.0(40.0)	50.0(40.0)
Field Wiring	Power Source Wire		mm2	-	-	-	-
	Transmission Cable		mm2	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	17.80	20.80	21.10	19.60
Sound 3)	Sound Pressure		dB(A)	-	-	-	-
	Sound Power		dB(A)	-	-	-	-
External Dimension	Net Weight		kg	160.0 x 3	160.0 x 2 + 240.0	160.0 x 2 + 240.0	240.0 x 2
	Shipping Weight		kg	167.0 x 3	167.0 x 2 + 250.0	167.0 x 2 + 250.0	250.0 x 2
	Net Dimensions (WxHxD)		mm	(770 x 1,000 x 545) x 3	(770 x 1,000 x 545) x 2 + 1,100 x 1,000 x 545	(770 x 1,000 x 545) x 2 + 1,100 x 1,000 x 545	(1,100 x 1,000 x 545) x 2
	Shipping Dimensions (WxHxD)		mm	(840 x 1,200 x 620) x 3	(840 x 1,200 x 620) x 2 + 1,170 x 1,200 x 620	(840 x 1,200 x 620) x 2 + 1,170 x 1,200 x 620	(1,170 x 1,200 x 620) x 2
Operating Temp. Range	Cooling		°C	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0
	Heating		°C	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0

Specifications may be subject to change without prior notice for product improvement.

1) Nominal cooling capacities are based on;
   Indoor temerature : 27°C DB, 19°C WB / Inlet water temperature : 30°C / Equivalent refrigerant piping : 7.5m, Level differences : 0m
2) Nominal heating capacities are based on;
   Indoor temerature : 20°C DB, 15°C WB / Inlet water temperature : 20°C / Equivalent refrigerant piping : 7.5m, Level differences : 0m
3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

1-1. DVM S WATER

Model Name				AM420FXWANR✳✳✳	AM440FXWANR✳✳✳	AM480FXWANR✳✳✳	AM500FXWANR✳✳✳
Power Supply			Ø, #, V, Hz	3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60
Mode			-	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP		HP	42.00	44.00	48.00	50.00
	Ton		Ton	33.44	35.03	38.22	39.81
	Capacity (Nominal)	Cooling	kW	117.60	123.20	134.40	140.00
			Btu/h	401,300	420,400	458,600	477,700
		Heating	kW	132.30	138.60	151.20	157.50
			Btu/h	451,400	472,900	515,900	537,400
Power	Power Input (Nominal)	Cooling 1)	kW	22.28	23.69	25.38	26.59
		Heating 2)		22.62	23.88	25.84	26.97
	Current Input (Nominal)	Cooling 1)	A	35.70	37.90	40.80	42.70
		Heating 2)		36.20	38.20	41.40	43.20
	MCA			74.60 (MCA)	79.00 (MCA)	84.30 (MCA)	87.60 (MCA)
	MFA			75.00	100.00	100.00	100.00
COP	Nominal Cooling 1)		-	5.28	5.20	5.30	5.27
	Nominal Heating 2)		-	5.85	5.80	5.85	5.84
Compressor	Type		-	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 5	SSC Scroll x 5
	Model Name		-	DS-GB052FAVBSG x 3 + DS-GB066FAVBSG x 1	DS-GB066FAVBSG x 2 + DS-GB052FAVBSG x 2	DS-GB052FAVBSG x 5	DS-GB052FAVBSG x 5
	Oil	Type	-	PVE	PVE	PVE	PVE
Condenser	Type		-	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)
	Pipe Size		Ø, inch	PT 1-1/4 x 3	PT 1-1/4 x 3	PT 1-1/4 x 3	PT 1-1/4 x 3
	Lost Head		kPa	30.0 + 43.0 + 54.0	43.0 x 2 + 54.0	22.0 + 54.0 x 2	30.0 + 54.0 x 2
	Water Flow Rate		LPM	96.0 + 114.0 + 190.0	114.0 x 2 + 190.0	80.0 + 190.0 x 2	96.0 + 190.0 x 2
	Max. Pressure		Mpa	1.96	1.96	1.96	1.96
Piping Connections	Liquid Pipe		Ø, mm	19.05	19.05	19.05	19.05
			Ø, inch	3/4"	3/4"	3/4"	3/4"
	Discharge Gas Pipe		Ø, mm	34.92	34.92	34.92	34.92
			Ø, inch	1 3/8"	1 3/8"	1 3/8"	1 3/8"
	Gas Pipe		Ø, mm	41.28	41.28	41.28	41.28
			Ø, inch	1 5/8"	1 5/8"	1 5/8"	1 5/8"
	Installation Limitation	Max. Length	m	170(190)	170(190)	170(190)	170(190)
		Max. Height	m	50.0(40.0)	50.0(40.0)	50.0(40.0)	50.0(40.0)
Field Wiring	Power Source Wire		mm2	-	-	-	-
	Transmission Cable		mm2	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	21.60	21.80	25.10	25.40
Sound 3)	Sound Pressure		dB(A)	-	-	-	-
	Sound Power		dB(A)	-	-	-	-
External Dimension	Net Weight		kg	160.0 x 2 + 240.0	160.0 x 2 + 240.0	160.0 + 240.0 x 2	160.0 + 240.0 x 2
	Shipping Weight		kg	167.0 x 2 + 250.0	167.0 x 2 + 250.0	167.0 + 250.0 x 2	167.0 + 250.0 x 2
	Net Dimensions (WxHxD)		mm	(770 x 1,000 x 545) x 2 + 1,100 x 1,000 x 545	(770 x 1,000 x 545) x 2 + 1,100 x 1,000 x 545	770 x 1,000 x 545 + (1,100 x 1,000 x 545) x 2	770 x 1,000 x 545 + (1,100 x 1,000 x 545) x 2
	Shipping Dimensions (WxHxD)		mm	(840 x 1,200 x 620) x 2 + 1,170 x 1,200 x 620	(840 x 1,200 x 620) x 2 + 1,170 x 1,200 x 620	840 x 1,200 x 620 + (1,170 x 1,200 x 620) x 2	840 x 1,200 x 620 + (1,170 x 1,200 x 620) x 2
Operating Temp. Range	Cooling		°C	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0
	Heating		°C	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0

Specifications may be subject to change without prior notice for product improvement.

1) Nominal cooling capacities are based on;
   Indoor temerature : 27°C DB, 19°C WB / Inlet water temperature : 30°C / Equivalent refrigerant piping : 7.5m, Level differences : 0m
2) Nominal heating capacities are based on;
   Indoor temerature : 20°C DB, 15°C WB / Inlet water temperature : 20°C / Equivalent refrigerant piping : 7.5m, Level differences : 0m
3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

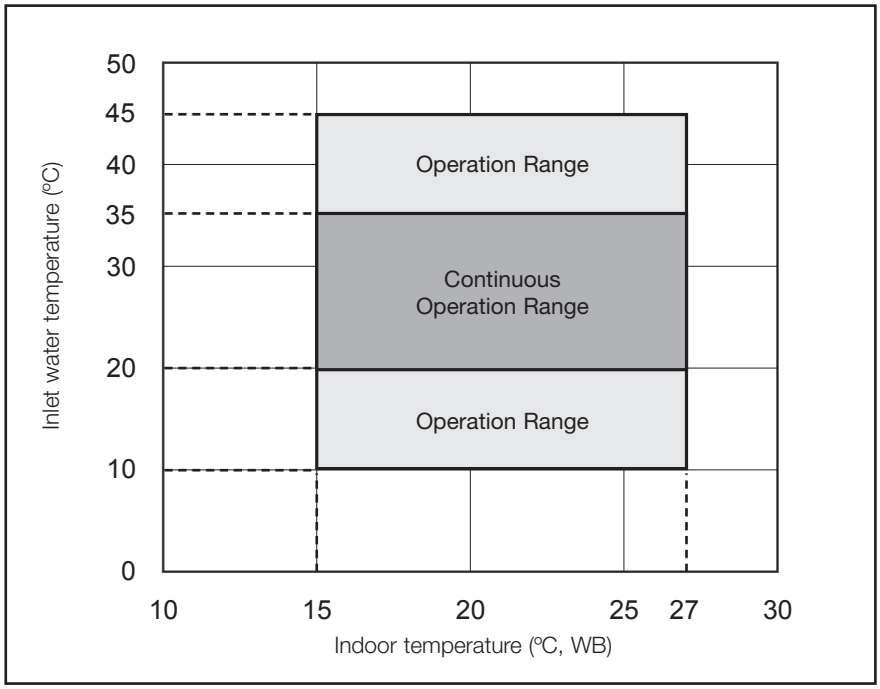
Model Name				AM520FXWANR✳✳✳	AM600FXWANR✳✳✳
Power Supply			Ø, #, V, Hz	3,4,380-415,50/60	3,4,380-415,50/60
Mode			-	HEAT RECOVERY	HEAT RECOVERY
Performance	HP		HP	52.00	60.00
	Ton		Ton	41.40	47.77
	Capacity (Nominal)	Cooling	kW	145.60	168.00
			Btu/h	496,800	573,200
		Heating	kW	163.80	189.00
			Btu/h	558,900	644,900
Power	Power Input (Nominal)	Cooling 1)	kW	28.00	32.31
		Heating 2)		28.23	32.58
	Current Input (Nominal)	Cooling 1)	A	44.90	51.90
		Heating 2)		45.20	52.20
	MCA			92.00 (MCA)	104.90 (MCA)
	MFA			100.00	125.00
COP	Nominal Cooling 1)		-	5.20	5.20
	Nominal Heating 2)		-	5.80	5.80
Compressor	Type		-	SSC Scroll x 5	SSC Scroll x 6
	Model Name		-	DS-GB066FAVBSG x 1 + DS-GB052FAVBSG x 4	DS-GB052FAVBSG x 6
	Oil	Type	-	PVE	PVE
Condenser	Type		-	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)
	Pipe Size		Ø, inch	PT 1-1/4 x 3	PT 1-1/4 x 3
	Lost Head		kPa	43.0 + 54.0 x 2	54.0 x 3
	Water Flow Rate		LPM	114.0 + 190.0 x 2	190.0 x 3
	Max. Pressure		Mpa	1.96	1.96
Piping Connections	Liquid Pipe		Ø, mm	19.05	19.05
			Ø, inch	3/4"	3/4"
	Discharge Gas Pipe		Ø, mm	34.92	34.92
			Ø, inch	1 3/8"	1 3/8"
	Gas Pipe		Ø, mm	41.28	41.28
			Ø, inch	1 5/8"	1 5/8"
	Installation Limitation	Max. Length	m	170(190)	170(190)
		Max. Height	m	50.0(40.0)	50.0(40.0)
Field Wiring	Power Source Wire		mm2	-	-
	Transmission Cable		mm2	0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type		-	R410A	R410A
	Factory Charging		kg	25.60	29.40
Sound 3)	Sound Pressure		dB(A)	-	-
	Sound Power		dB(A)	-	-
External Dimension	Net Weight		kg	160.0 + 240.0 x 2	240.0 x 3
	Shipping Weight		kg	167.0 + 250.0 x 2	250.0 x 3
	Net Dimensions (WxHxD)		mm	770 x 1,000 x 545 + (1,100 x 1,000 x 545) x 2	(1,100 x 1,000 x 545) x 3
	Shipping Dimensions (WxHxD)		mm	840 x 1,200 x 620 + (1,170 x 1,200 x 620) x 2	(1,170 x 1,200 x 620) x 3
Operating Temp. Range	Cooling		°C	10.0 ~ 45.0	10.0 ~ 45.0
	Heating		°C	10.0 ~ 45.0	10.0 ~ 45.0

Specifications may be subject to change without prior notice for product improvement.

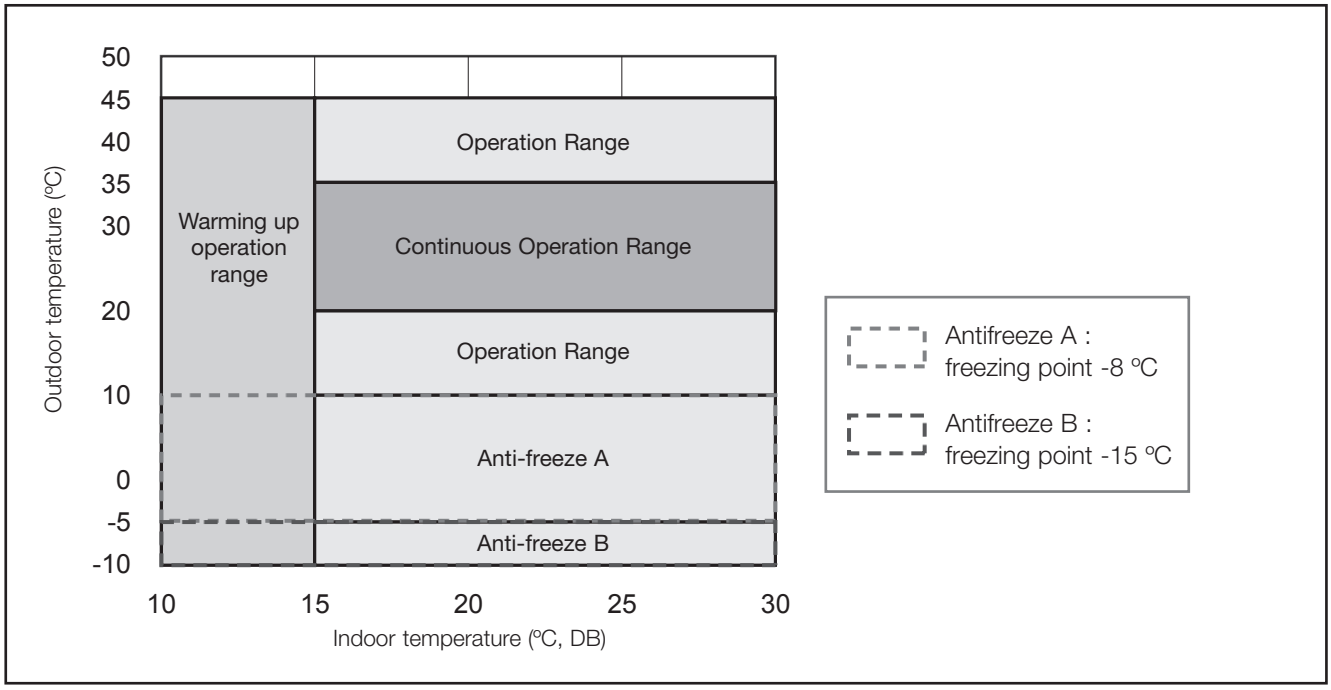
1) Nominal cooling capacities are based on;
   Indoor temerature : 27°C DB, 19°C WB / Inlet water temperature : 30°C / Equivalent refrigerant piping : 7.5m, Level differences : 0m
2) Nominal heating capacities are based on;
   Indoor temerature : 20°C DB, 15°C WB / Inlet water temperature : 20°C / Equivalent refrigerant piping : 7.5m, Level differences : 0m
3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

2 Operation limit

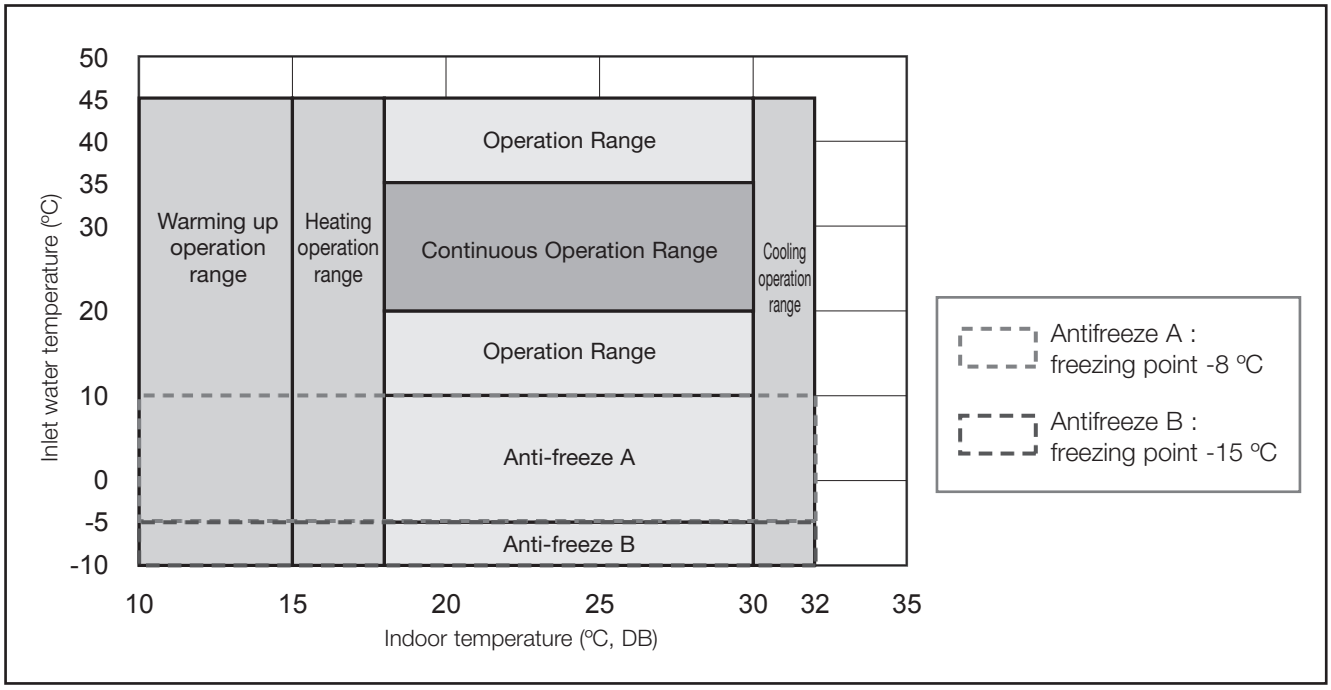
2-1. Cooling



2-2. Heating



2-3. Heat Recovery



※ Design standard

Type	Circulating water	Operation	Inlet water temperature (°C)		
			Standard	Main usage	Operation limit
Heat source water	Water loop	Cooling	30	20~35	10~45
		Heating	20	20~35	
Ground heat source [1]	Ground water	Cooling	15	15~35	Cooling : 10~45 Heating : -5~45 (Heating : -10~45) [2]
		Heating	10	5~25	
	Ground loop	Cooling	25	15~35	
		Heating	5	5~25	

1) Anti-freeze must be used when temperature of water inlet for heating is below 10°C or ground heat is used. Maintain appropriate concentration level of anti-freeze according to temperature of water inlet.
2) Strict management of anti-freeze concentration level is required. Consult Samsung before application.

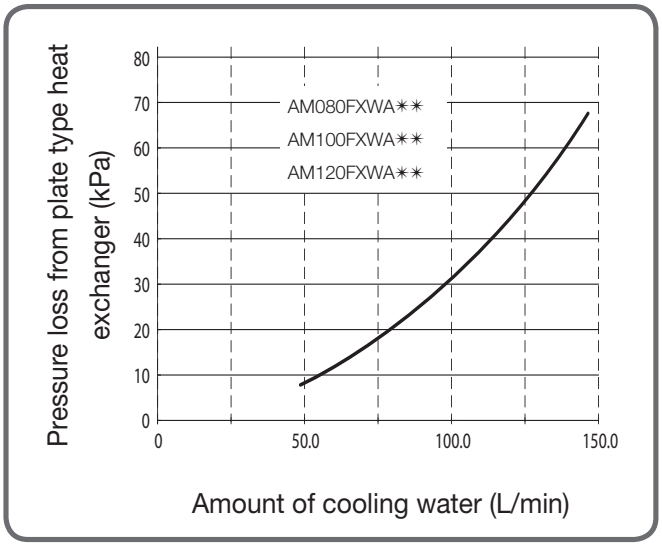
※ Anti-freeze standard

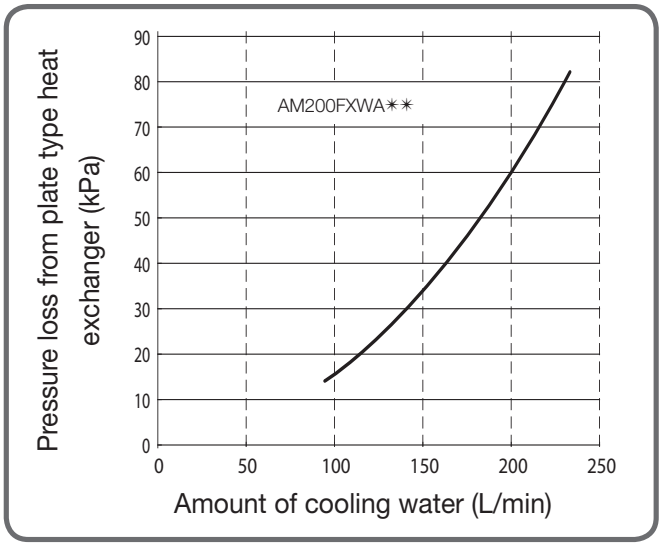
Type of anti-freeze (Based on 15°C)	Concentration [% Wt.]	Freezing temperature (°C)	Density [kg/m³]
Methanol	10	-5.6	983.6
	20	-11.7	975.6
Ethanol	10	-3.9	983.6
	20	-8.3	972.4
Ethylene glycol	10	-3.2	1014.87
	20	-7.8	1031.39
	30	-14.1	1047.07
	40	-22.3	1061.65
Propylene glycol	10	-3.3	1009.75
	20	-7.1	1020.91
	30	-12.7	1030.51
	40	-21.1	1038.65

2.4 Water flow rate

◆ When the water flow rate is out of the operation range, stop the outdoor unit and take care of the cause before restart the operation. (Allowable range : 60~120% of the standard water flow rate)

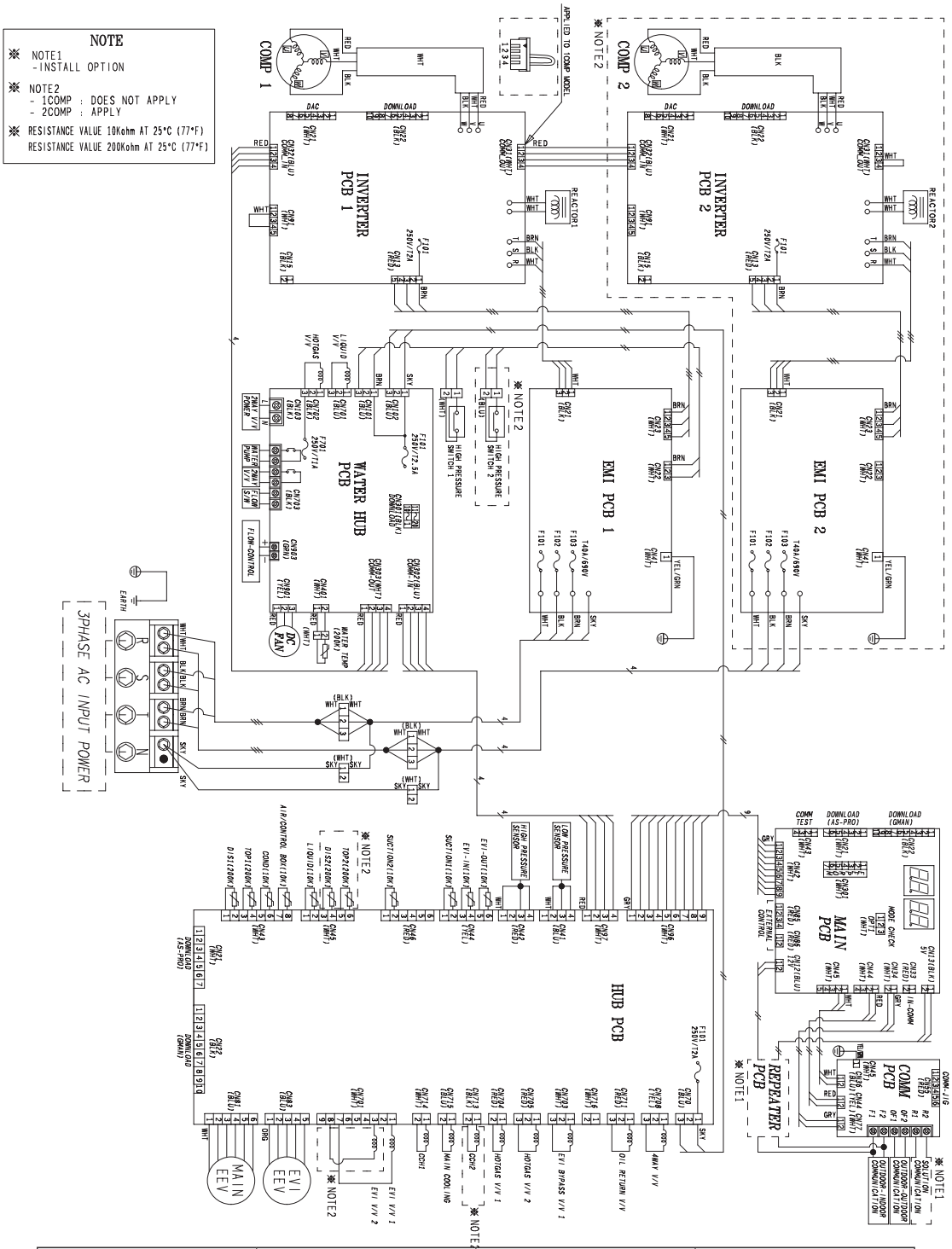
Section	Water Flow Rate (LPM)			
	8HP	10HP	12HP	20HP
Standard condition	80	96	114	190
Operation range	48~96	58~115	68~137	114~228





3-2. Heat Recovery

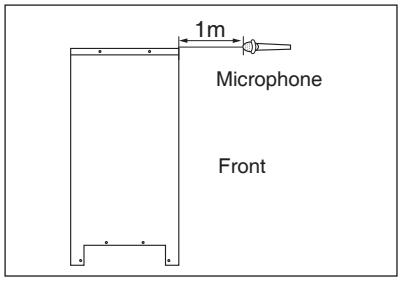
1) AM✳✳✳FXWA✳✳✳✳✳



External contact	Input/Output	AC/DC	Remarks
2Way V/V power	Output	AC	Optional
Water pump	Contact output	-	Optional
2Way V/V	Contact output	-	Optional
Flow S/W	Contact input	-	Mandatory
Flow control	Output	DC(0~10V)	Optional

4 Sound level

4-1. Sound pressure level



Unit: dB(A)

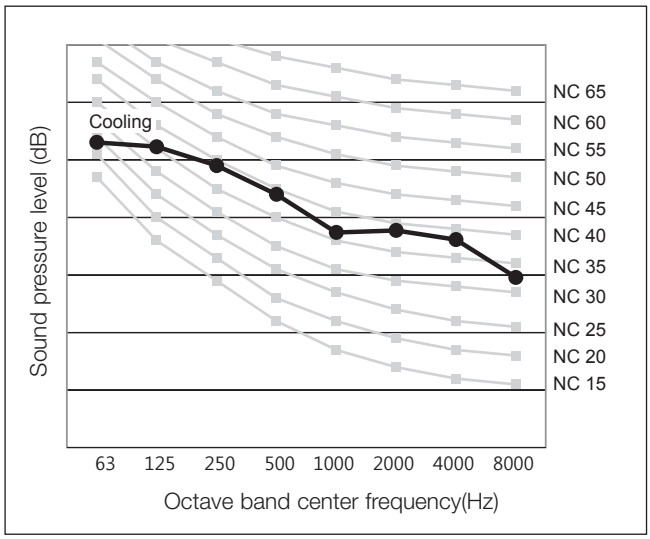
Model	Cooling
AM080FXWANR✳✳✳	48
AM100FXWANR✳✳✳	48
AM120FXWANR✳✳✳	50
AM200FXWANR✳✳✳	51

Note

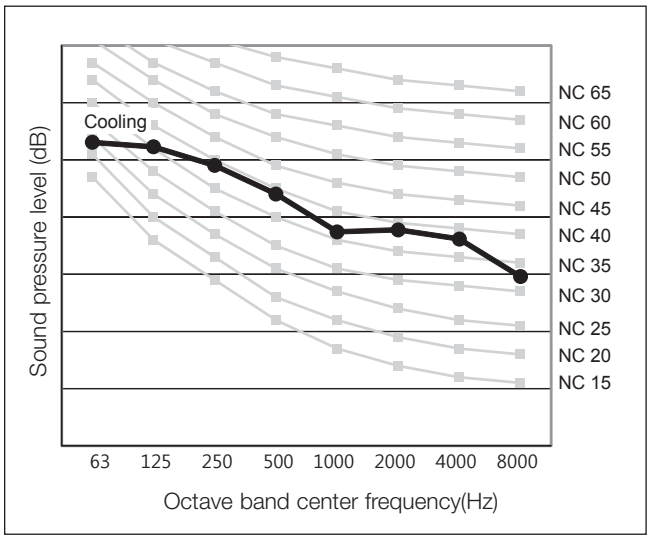
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

4-2. NC curves

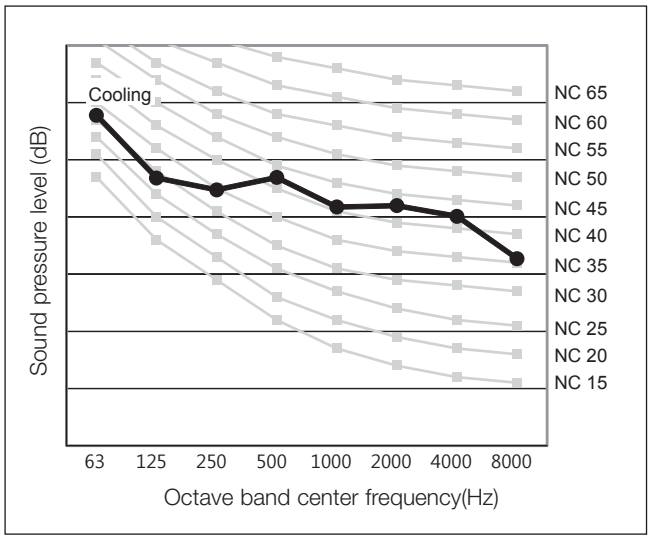
1) AM080FXWANR✳✳✳



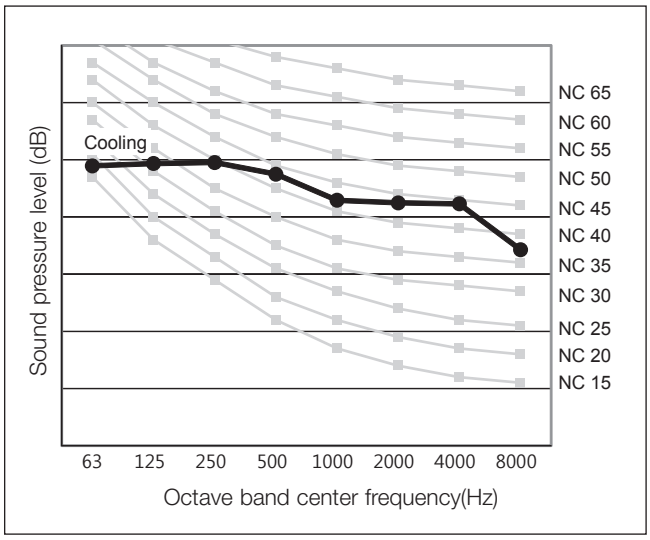
2) AM100FXWANR✳✳✳



3) AM120FXWANR✳✳✳



4) AM200FXWANR✳✳✳



4-3. Sound Power

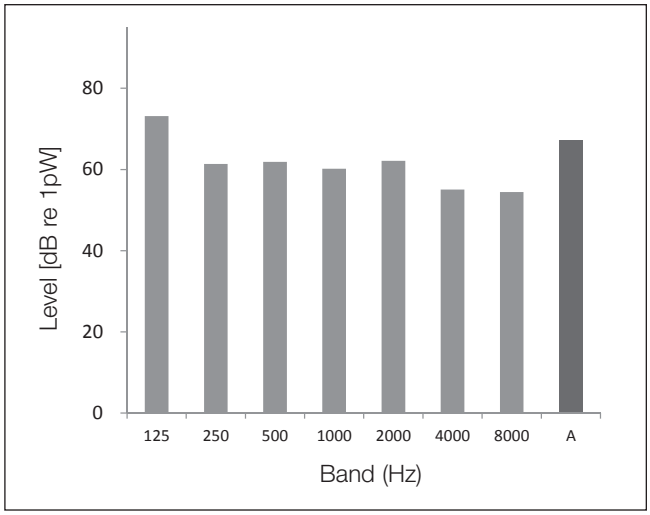
Note

- ◆ dBA = A-weighted sound power level.
- ◆ Reference power : 1pW
- ◆ Measured according to ISO 3741.

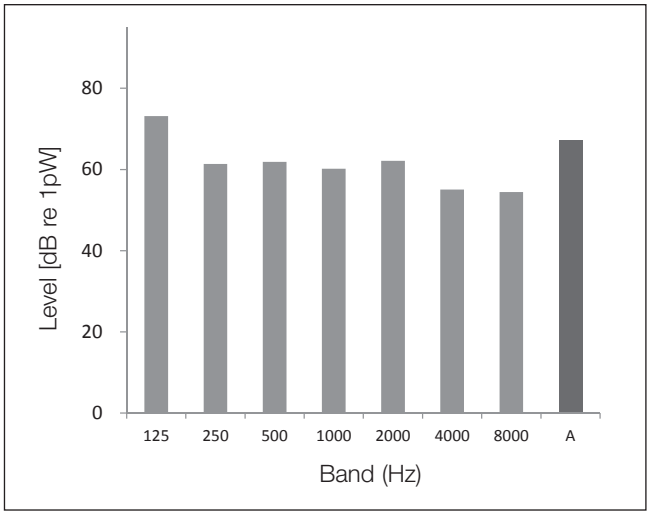
Unit: dB(A)

Model	Power
AM080FXWANR✳✳✳	70
AM100FXWANR✳✳✳	70
AM120FXWANR✳✳✳	70
AM200FXWANR✳✳✳	73

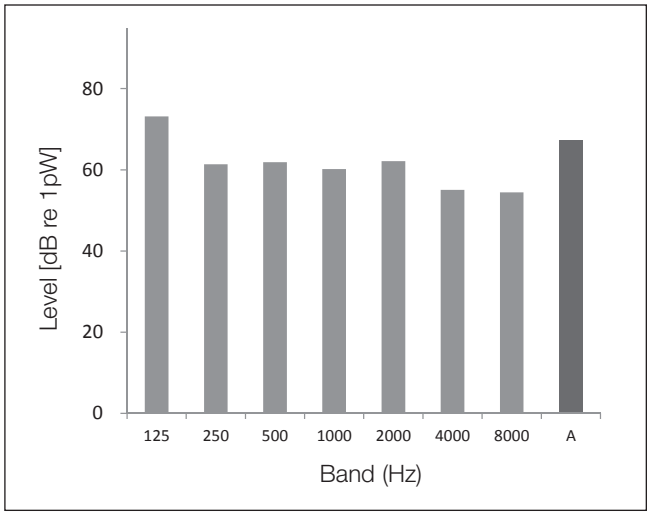
1) AM080FXWANR✳✳✳



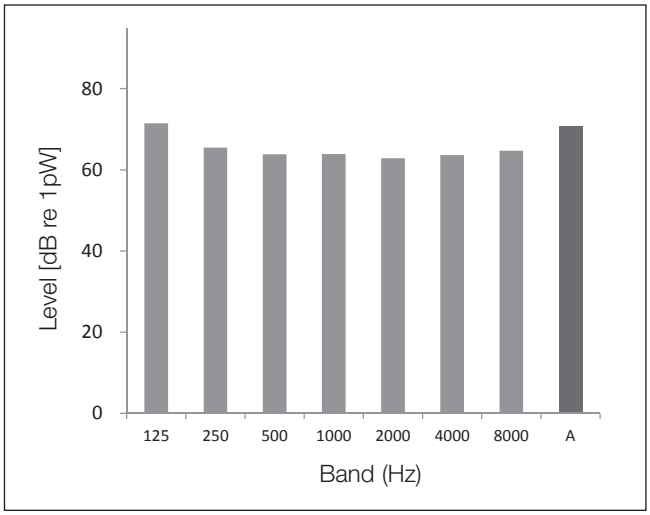
2) AM100FXWANR✳✳✳



3) AM120FXWANR✳✳✳



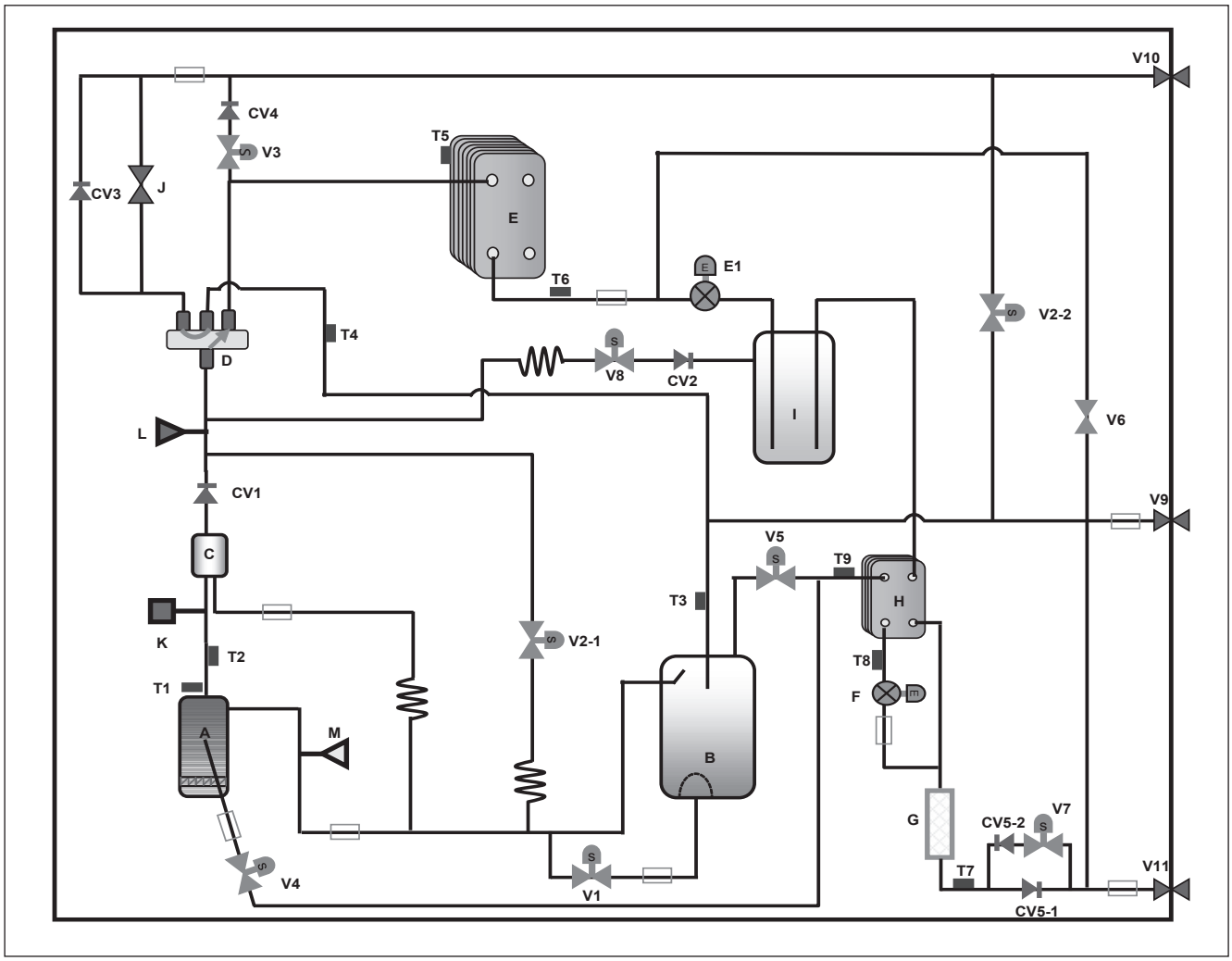
4) AM250FXWANR✳✳✳



5 Cycle diagrams

5-1. Parts of outdoor unit

1) AM080/100/120FXWA✳✳✳

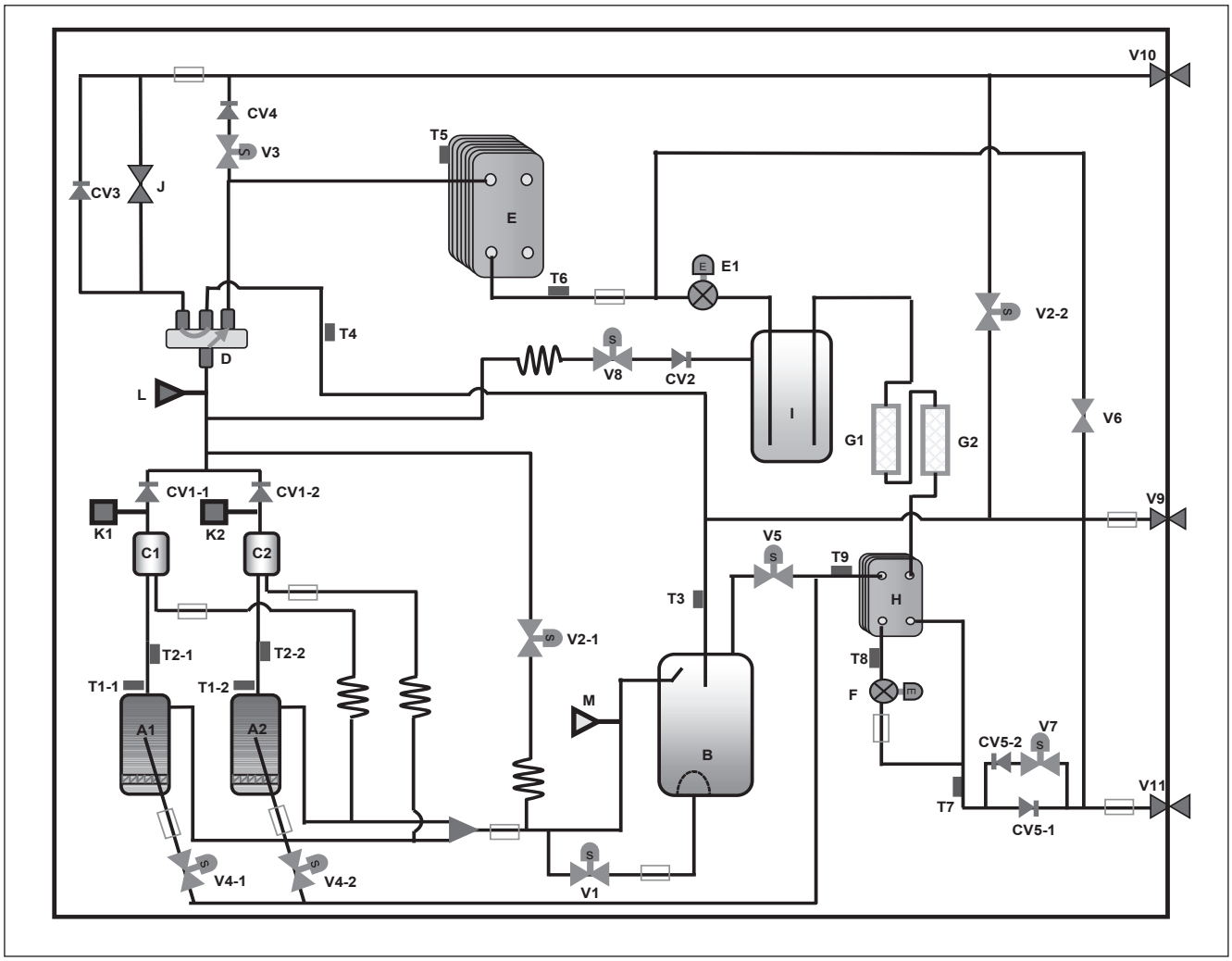


Classification	Name
A	INV COMP
B	ACCUM
C	O/S
D	4WAY V/V
E	PLATE HEAT EXCHANGER
E1	MAIN EEV
F	EVI EEV
G	IPM COOLER
H	SUB COOLER
I	RECEIVER
J	HEAT PUMP V/V
K	HIGH PRE. S/W
L	HIGH PRE. SENSOR
M	LOW PRE. SENSOR
V1	ACCUM RETRUN V/V
V2-1, V2-2	HOT GAS BYPASS VV
V3	MAIN COOLING V/V
V4	EVI V/V
V5	EVI B/P V/V
V6	DPR V/V

Classification	Name
V7	LIQUID TUBE V/V
V8	HOT GAS CHARGING V/V
V9	LOW PRE. GAS SERVICE V/V
V10	HIGH PRE. GAS SERVICE V/V
V11	LIQUID SERVICE V/V
CV1	DISC. CHECK V/V
CV2	HRV CHECK V/V
CV3	HR CHECK V/V
CV4	MAIN COOL CHECK V/V
CV5-1, CV5-2	LIQUID TUBE CHECK V/V
T1	COMP TOP SENSOR
T2	DISC. SENSOR
T3	SUC. SENSOR 2
T4	SUC. SENSOR 1
T5	WATER SENSOR
T6	COND OUT SENSOR
T7	LIQUID TUBE SENSOR
T8	SC IN SENSOR
T9	SC OUT SENSOR

5-1. Parts of outdoor unit

2) AM200FXWA✳✳✳



Classification	Name
A1, A2	INV COMP
B	ACCUM
C1, C2	O/S
D	4WAY V/V
E	PLATE HEAT EXCHANGER
E1	MAIN EEV
F	EVI EEV
G1, G2	IPM COOLER
H	SUB COOLER
I	RECEIVER
J	HEAT PUMP V/V
K1, K2	HIGH PRE. S/W
L	HIGH PRE. SENSOR
M	LOW PRE. SENSOR
V1	ACCUM RETRUN V/V
V2-1, V2-2	HOT GAS BYPASS VV
V3	MAIN COOLING V/V
V4-1, V4-2	EVI V/V
V5	EVI B/P V/V
V6	DPR V/V

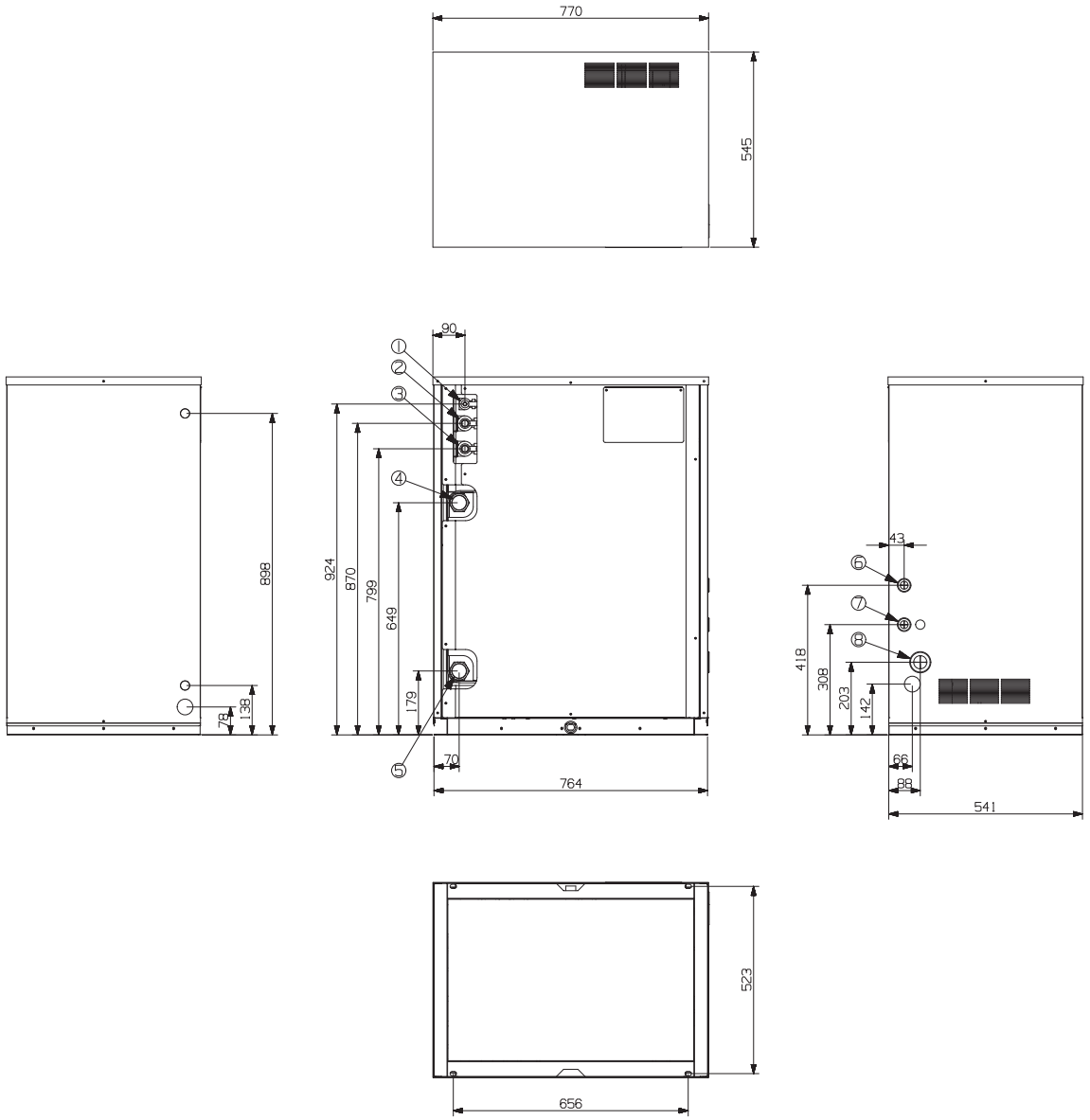
Classification	Name
V7	LIQUID TUBE V/V
V8	HOT GAS CHARGING V/V
V9	LOW PRE. GAS SERVICE V/V
V10	HIGH PRE. GAS SERVICE V/V
V11	LIQUID SERVICE V/V
CV1-1, CV-2	DISC. CHECK V/V
CV2	HRV CHECK V/V
CV3	HR CHECK V/V
CV4	MAIN COOL CHECK V/V
CV5-1, CV5-2	LIQUID TUBE CHECK V/V
T1-1, T1-2	COMP TOP SENSOR
T2-1, T2-2	DISC. SENSOR
T3	SUC. SENSOR 2
T4	SUC. SENSOR 1
T5	WATER SENSOR
T6	COND OUT SENSOR
T7	LIQUID TUBE SENSOR
T8	SC IN SENSOR
T9	SC OUT SENSOR

6 Dimensional drawing

6-1. Heat recovery

1) AM080/100/120FXWA✳✳✳✳✳

Unit : mm

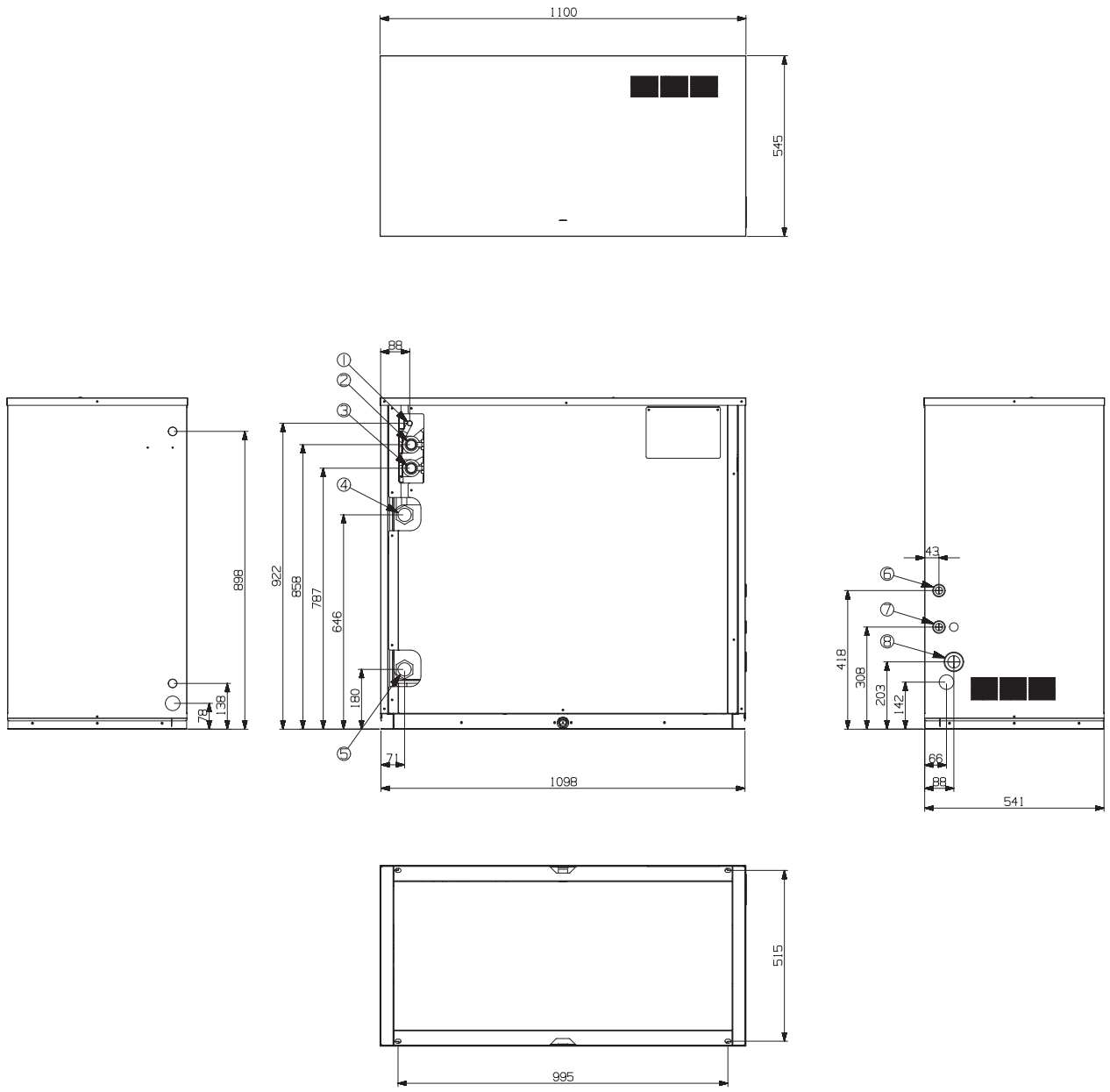


No.	Name	Description			No.	Name	Description		
		8HP	10HP	12HP			8HP	10HP	12HP
①	Liquid ref. pipe	9.52 (3/8")	9.52 (3/8")	12.70 (1/2")	⑤	Water inlet pipe	PT 1-1/4		
②	High pressure gas ref. pipe	15.88 (5/8")	19.05 (3/4")	19.05 (3/4")	⑥	External contact wiring	-		
③	Low pressure gas ref. pipe	19.05 (3/4")	22.22 (7/8")	28.58 (1 1/8")	⑦	Communication wiring	-		
④	Water outlet pipe	PT 1-1/4			⑧	Power wiring	-		

6-1. Heat recovery

2) AM200FXWA✳✳✳✳✳

Unit : mm



No.	Name	Description	No.	Name	Description
①	Liquid ref. pipe	15.88 (5/8")	⑤	Water inlet pipe	PT 1-1/4
②	High pressure gas ref. pipe	28.58 (1 1/8")	⑥	External contact wiring	-
③	Low pressure gas ref. pipe	28.58 (1 1/8")	⑦	Communication wiring	-
④	Water outlet pipe	PT 1-1/4	⑧	Power wiring	-

DVM S WATER

III. Capacity

1 Capacity table 30
2 Capacity correction 162

1-1. AM080FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	40	22.4	1.46	18.5	24.6	1.73	19.4	26.5	1.90	20.2	28.3	2.01	20.9	29.2	2.04	21.2
		80	22.4	1.42	14.3	24.6	1.68	14.7	26.5	1.87	15.1	28.4	1.98	15.4	29.2	2.01	15.6
		120	22.4	1.40	12.8	24.7	1.66	13.1	26.5	1.82	13.4	28.3	1.91	13.6	29.2	1.96	13.7
	15	40	22.0	1.87	23.5	24.3	2.23	24.5	26.1	2.47	25.2	27.9	2.59	25.9	28.7	2.65	26.2
		80	22.0	1.85	19.3	24.3	2.17	19.7	26.1	2.43	20.1	27.9	2.56	20.5	28.8	2.61	20.6
		120	22.0	1.80	17.8	24.3	2.13	18.2	26.1	2.35	18.4	27.8	2.47	18.6	28.7	2.55	18.7
	20	40	21.7	2.24	28.6	23.9	2.62	29.5	25.8	2.93	30.3	27.4	3.07	30.9	28.4	3.14	31.3
		80	21.7	2.19	24.3	24.0	2.58	24.8	25.9	2.88	25.1	27.4	3.03	25.5	28.3	3.09	25.6
		120	21.6	2.12	22.8	23.9	2.50	23.2	25.9	2.79	23.4	27.5	2.92	23.6	28.3	3.01	23.7
	25	40	21.7	2.81	33.8	23.9	3.31	34.8	25.8	3.69	35.6	27.4	3.88	36.2	28.4	3.94	36.6
		80	21.7	2.77	29.4	23.9	3.26	29.9	25.8	3.63	30.3	27.5	3.83	30.6	28.4	3.88	30.8
		120	21.7	2.68	27.9	23.9	3.16	28.2	25.8	3.52	28.5	27.5	3.69	28.7	28.3	3.79	28.8
	30	40	21.7	3.30	39.0	23.9	3.88	40.0	25.9	4.33	40.8	27.5	4.54	41.5	28.3	4.62	41.8
		80	21.6	3.24	34.5	24.0	3.82	35.0	25.8	4.27	35.4	27.4	4.47	35.7	28.3	4.56	35.9
		120	21.7	3.15	33.0	23.9	3.70	33.3	25.9	4.12	33.6	27.5	4.33	33.8	28.3	4.43	33.9
	35	40	20.5	3.43	43.6	22.6	4.04	44.6	24.4	4.51	45.4	26.0	4.72	46.0	26.7	4.81	46.3
		80	20.5	3.36	39.3	22.7	3.97	39.8	24.4	4.42	40.2	26.1	4.65	40.5	26.8	4.75	40.6
		120	20.5	3.28	37.8	22.7	3.86	38.2	24.4	4.29	38.4	26.1	4.51	38.7	26.8	4.62	38.8
	40	40	17.1	3.57	47.4	18.9	4.20	48.3	20.3	4.69	49.0	21.8	4.93	49.6	22.4	5.02	49.8
		80	17.3	3.51	43.7	19.1	4.14	44.2	20.6	4.61	44.5	21.9	4.85	44.8	22.5	4.94	44.9
		120	17.5	3.40	42.5	19.3	3.99	42.8	20.8	4.48	43.0	22.2	4.69	43.2	22.9	4.83	43.3
	45	40	14.3	3.69	51.4	15.7	4.33	52.2	16.8	4.85	52.8	18.1	5.08	53.3	18.6	5.20	53.5
		80	14.4	3.63	48.2	15.8	4.28	48.6	17.0	4.76	48.9	18.3	5.01	49.2	18.7	5.10	49.3
		120	14.6	3.52	47.2	16.1	4.13	47.4	17.2	4.61	47.6	18.5	4.83	47.8	19.0	5.00	47.9
120	10	40	21.2	1.38	18.1	23.4	1.64	19.0	25.2	1.80	19.7	26.8	1.90	20.3	27.6	1.93	20.6
		80	21.2	1.36	14.0	23.3	1.61	14.5	25.2	1.77	14.8	26.8	1.87	15.1	27.7	1.91	15.3
		120	21.3	1.30	12.7	23.4	1.57	13.0	25.2	1.72	13.2	26.9	1.81	13.4	27.6	1.87	13.5
	15	40	21.0	1.80	23.2	23.0	2.13	24.0	24.9	2.37	24.8	26.5	2.48	25.4	27.3	2.52	25.7
		80	21.0	1.77	19.1	23.0	2.08	19.5	24.9	2.33	19.9	26.5	2.44	20.2	27.3	2.49	20.3
		120	21.0	1.71	17.7	23.1	2.03	18.0	24.9	2.24	18.2	26.5	2.36	18.4	27.3	2.43	18.6
	20	40	20.8	2.15	28.2	22.8	2.52	29.1	24.7	2.81	29.8	26.3	2.95	30.5	27.0	3.02	30.8
		80	20.7	2.11	24.1	22.8	2.48	24.5	24.6	2.77	24.9	26.3	2.91	25.2	27.1	2.97	25.4
		120	20.7	2.05	22.7	22.8	2.41	23.0	24.6	2.68	23.3	26.3	2.81	23.5	27.1	2.89	23.6
	25	40	20.8	2.70	33.4	22.8	3.18	34.3	24.6	3.52	35.1	26.2	3.72	35.7	27.0	3.78	36.0
		80	20.8	2.65	29.2	22.8	3.13	29.7	24.6	3.47	30.0	26.2	3.66	30.4	27.0	3.72	30.5
		120	20.8	2.57	27.8	22.8	3.02	28.1	24.6	3.38	28.3	26.3	3.54	28.6	27.0	3.62	28.7
	30	40	20.7	3.19	38.6	22.8	3.75	39.5	24.7	4.17	40.3	26.3	4.38	41.0	27.1	4.46	41.3
		80	20.7	3.13	34.3	22.8	3.68	34.8	24.6	4.12	35.1	26.3	4.31	35.5	27.1	4.40	35.6
		120	20.7	3.03	32.8	22.8	3.57	33.2	24.7	3.97	33.4	26.3	4.18	33.6	27.0	4.28	33.7
	35	40	19.9	3.36	43.3	22.0	3.96	44.3	23.7	4.41	45.1	25.2	4.63	45.7	26.0	4.71	46.0
		80	20.0	3.30	39.2	22.0	3.88	39.6	23.8	4.33	40.0	25.2	4.55	40.3	26.0	4.65	40.5
		120	19.9	3.20	37.8	22.0	3.78	38.1	23.7	4.19	38.3	25.3	4.40	38.5	26.0	4.52	38.6
	40	40	17.0	3.56	47.4	18.8	4.19	48.2	20.2	4.68	48.9	21.5	4.92	49.5	22.2	5.01	49.7
		80	17.1	3.51	43.7	18.9	4.13	44.1	20.4	4.61	44.5	21.7	4.84	44.8	22.3	4.93	44.9
		120	17.4	3.39	42.5	19.2	4.01	42.8	20.6	4.47	43.0	22.0	4.68	43.2	22.7	4.81	43.3
	45	40	14.4	3.74	51.5	16.0	4.41	52.3	17.2	4.92	52.9	18.4	5.16	53.4	18.9	5.28	53.7
		80	14.6	3.69	48.3	16.1	4.35	48.7	17.4	4.84	49.0	18.6	5.09	49.2	19.0	5.18	49.3
		120	14.8	3.57	47.2	16.3	4.21	47.5	17.6	4.69	47.7	18.8	4.93	47.8	19.3	5.05	47.9
110	10	40	20.0	1.29	17.6	22.0	1.55	18.4	23.8	1.70	19.1	25.3	1.80	19.7	26.0	1.82	20.0
		80	20.1	1.28	13.8	22.0	1.51	14.2	23.7	1.67	14.6	25.3	1.77	14.8	26.0	1.79	15.0
		120	20.0	1.24	12.5	22.0	1.47	12.8	23.7	1.64	13.0	25.3	1.71	13.2	26.0	1.76	13.3
	15	40	19.8	1.71	22.7	21.9	2.03	23.6	23.6	2.26	24.3	25.2	2.36	24.9	26.0	2.42	25.2
		80	19.9	1.69	18.9	21.9	1.98	19.3	23.6	2.22	19.6	25.2	2.33	19.9	26.0	2.37	20.1
		120	19.9	1.64	17.6	21.9	1.93	17.8	23.6	2.16	18.1	25.2	2.26	18.3	25.9	2.31	18.4
	20	40	19.8	2.07	27.8	21.8	2.42	28.7	23.5	2.70	29.4	25.0	2.83	30.0	25.8	2.89	30.3
		80	19.8	2.02	23.9	21.8	2.38	24.3	23.5	2.66	24.7	25.0	2.79	25.0	25.8	2.85	25.1
		120	19.8	1.97	22.6	21.8	2.31	22.9	23.5	2.57	23.1	25.0	2.70	23.3	25.8	2.76	23.4
	25	40	19.8	2.59	33.0	21.8	3.04	33.9	23.5	3.38	34.6	25.0	3.54	35.2	25.8	3.61	35.5
		80	19.8	2.54	29.0	21.8	2.99	29.4	23.5	3.33	29.8	25.0	3.49	30.1	25.8	3.55	30.3
		120	19.8	2.46	27.7	21.8	2.89	27.9	23.5	3.23	28.2	25.0	3.38	28.4	25.8	3.46	28.5
	30	40	19.8	3.07	38.2	21.8	3.62	39.1	23.5	4.03	39.9	25.0	4.23	40.5	25.8	4.30	40.8
		80	19.8	3.02	34.1	21.8	3.55	34.5	23.5	3.97	34.9	25.0	4.16	35.2	25.8	4.24	35.4
		120	19.8	2.92	32.7	21.7	3.45	33.0	23.5	3.84	33.3	25.0	4.03	33.5	25.8	4.11	33.6
	35	40	19.3	3.28	43.1	21.4	3.87	44.1	23.0	4.31	44.8	24.6	4.53	45.4	25.2	4.60	45.7
		80	19.4	3.23	39.1	21.4	3.80	39.5	23.0	4.24	39.9	24.6	4.45	40.2	25.2	4.55	40.3
		120	19.3	3.13	37.7	21.4	3.68	38.0	23.0	4.09	38.2	24.6	4.31	38.4	25.3	4.41	38.5
	40	40	16.8	3.57	47.3	18.6	4.20	48.2	19.9	4.69	48.8	21.4	4.91	49.4	22.0	5.01	49.7
		80	17.0	3.50	43.7	18.8	4.12	44.1	20.2	4.60	44.4	21.6	4.83	44.7	22.2	4.92	44.9
		120	17.2	3.38	42.5	19.0	4.00	42.7	20.3	4.47	43.0	21.8	4.67	43.2	22.5	4.79	43.3
	45	40	14.7	3.82	51.6	16.2	4.49	52.4	17.4	5.01	53.0	18.7	5.24	53.6	19.3	5.36	53.8
		80	14.9	3.74	48.3	16.3	4.41	48.7	17.6	4.91	49.0	18.9	5.18	49.3	19.4	5.25	49.4
		120	15.1	3.62	47.2	16.6	4.28	47.5	17.9	4.76	47.7	19.2	5.00	47.9	19.7	5.12	48.0

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	40	18.8	1.23	17.2	20.8	1.45	18.0	22.4	1.62	18.6	23.9	1.69	19.2	24.6	1.73	19.4
		80	18.8	1.21	13.6	20.8	1.43	14.0	22.4	1.59	14.3	23.9	1.67	14.6	24.6	1.70	14.7
		120	18.8	1.17	12.4	20.8	1.38	12.6	22.4	1.54	12.9	23.9	1.61	13.0	24.6	1.64	13.1
	15	40	18.8	1.64	22.3	20.8	1.94	23.1	22.4	2.16	23.8	23.9	2.26	24.4	24.6	2.31	24.6
		80	18.8	1.62	18.7	20.8	1.90	19.1	22.4	2.12	19.4	23.9	2.22	19.7	24.6	2.27	19.8
		120	18.8	1.56	17.4	20.8	1.84	17.7	22.4	2.05	17.9	23.9	2.15	18.1	24.6	2.19	18.2
	20	40	18.8	1.98	27.5	20.8	2.34	28.3	22.4	2.60	29.0	23.9	2.73	29.5	24.6	2.78	29.8
		80	18.8	1.95	23.7	20.8	2.30	24.1	22.4	2.55	24.5	23.9	2.68	24.8	24.6	2.73	24.9
		120	18.8	1.89	22.5	20.8	2.22	22.7	22.4	2.47	23.0	23.9	2.60	23.2	24.6	2.65	23.3
	25	40	18.8	2.47	32.6	20.8	2.91	33.5	22.4	3.24	34.2	23.9	3.40	34.8	24.6	3.46	35.1
		80	18.8	2.43	28.8	20.8	2.86	29.2	22.4	3.18	29.6	23.9	3.35	29.9	24.6	3.40	30.0
		120	18.8	2.36	27.5	20.8	2.77	27.8	22.4	3.09	28.0	23.9	3.24	28.2	24.6	3.30	28.3
	30	40	18.8	2.97	37.8	20.8	3.49	38.7	22.4	3.89	39.4	23.9	4.08	40.0	24.6	4.16	40.3
		80	18.8	2.92	33.9	20.8	3.44	34.3	22.4	3.84	34.7	23.9	4.01	35.0	24.6	4.09	35.1
		120	18.8	2.83	32.6	20.8	3.33	32.9	22.4	3.71	33.1	23.9	3.89	33.3	24.6	3.96	33.4
	35	40	18.8	3.23	42.9	20.8	3.79	43.8	22.4	4.23	44.5	23.9	4.44	45.2	24.6	4.52	45.4
		80	18.8	3.17	38.9	20.8	3.73	39.4	22.4	4.15	39.8	23.9	4.36	40.1	24.6	4.45	40.2
		120	18.8	3.07	37.6	20.8	3.62	37.9	22.4	4.03	38.2	23.9	4.23	38.4	24.6	4.31	38.5
	40	40	16.7	3.57	47.3	18.5	4.20	48.1	19.8	4.69	48.8	21.3	4.92	49.4	21.8	5.01	49.6
		80	16.9	3.51	43.6	18.6	4.13	44.1	20.0	4.61	44.4	21.5	4.84	44.7	22.0	4.92	44.8
		120	17.1	3.40	42.5	18.9	4.00	42.7	20.3	4.47	43.0	21.8	4.68	43.2	22.4	4.77	43.2
	45	40	15.0	3.89	51.8	16.6	4.57	52.6	17.8	5.10	53.2	19.1	5.35	53.8	19.6	5.46	54.0
		80	15.1	3.82	48.4	16.7	4.50	48.8	18.0	5.02	49.1	19.3	5.26	49.4	19.8	5.35	49.5
		120	15.4	3.71	47.3	16.9	4.36	47.5	18.2	4.85	47.8	19.5	5.10	47.9	20.1	5.20	48.0
90	10	40	16.9	1.17	16.5	18.7	1.37	17.2	20.1	1.53	17.7	21.6	1.60	18.3	22.1	1.63	18.5
		80	16.9	1.14	13.2	18.7	1.35	13.6	20.1	1.50	13.9	21.6	1.57	14.2	22.1	1.60	14.3
		120	16.9	1.11	12.2	18.7	1.31	12.4	20.1	1.46	12.6	21.6	1.54	12.8	22.1	1.56	12.8
	15	40	16.9	1.55	21.6	18.7	1.83	22.4	20.1	2.04	22.9	21.6	2.14	23.5	22.1	2.18	23.7
		80	16.9	1.53	18.3	18.7	1.80	18.7	20.1	2.00	19.0	21.6	2.10	19.2	22.1	2.14	19.3
		120	16.9	1.49	17.2	18.7	1.75	17.4	20.1	1.95	17.6	21.6	2.05	17.8	22.1	2.08	17.9
	20	40	16.9	1.88	26.7	18.7	2.21	27.5	20.1	2.46	28.1	21.6	2.58	28.7	22.1	2.63	28.9
		80	16.9	1.84	23.4	18.7	2.17	23.7	20.1	2.41	24.0	21.6	2.53	24.3	22.1	2.58	24.4
		120	16.9	1.79	22.2	18.7	2.11	22.5	20.1	2.35	22.7	21.6	2.47	22.9	22.1	2.51	22.9
	25	40	16.9	2.35	31.9	18.7	2.77	32.7	20.1	3.08	33.3	21.6	3.23	33.9	22.1	3.29	34.1
		80	16.9	2.31	28.4	18.7	2.71	28.8	20.1	3.02	29.1	21.6	3.17	29.4	22.1	3.23	29.5
		120	16.9	2.23	27.3	18.7	2.62	27.5	20.1	2.91	27.7	21.6	3.06	27.9	22.1	3.11	28.0
	30	40	16.9	2.81	37.1	18.7	3.31	37.9	20.1	3.69	38.5	21.6	3.87	39.1	22.1	3.94	39.3
		80	16.9	2.76	33.5	18.7	3.25	33.9	20.1	3.62	34.3	21.6	3.80	34.6	22.1	3.87	34.7
		120	16.9	2.69	32.3	18.7	3.16	32.6	20.1	3.53	32.8	21.6	3.71	33.0	22.1	3.78	33.1
	35	40	16.9	3.05	42.1	18.7	3.59	43.0	20.1	4.00	43.6	21.6	4.20	44.2	22.1	4.28	44.4
		80	16.9	3.00	38.6	18.7	3.52	39.0	20.1	3.94	39.3	21.6	4.13	39.6	22.1	4.21	39.7
		120	16.9	2.92	37.4	18.7	3.43	37.6	20.1	3.83	37.9	21.6	4.01	38.1	22.1	4.09	38.1
	40	40	15.1	3.38	46.6	16.6	3.98	47.4	17.9	4.44	48.0	19.2	4.65	48.5	19.7	4.74	48.7
		80	15.2	3.32	43.3	16.8	3.91	43.7	18.0	4.36	44.0	19.4	4.57	44.3	19.8	4.65	44.4
		120	15.4	3.23	42.2	17.0	3.81	42.5	18.3	4.24	42.7	19.6	4.46	42.9	20.1	4.53	42.9
	45	40	13.5	3.68	51.2	14.9	4.34	51.9	16.1	4.83	52.5	17.2	5.07	53.0	17.6	5.15	53.2
		80	13.6	3.62	48.1	15.1	4.26	48.5	16.2	4.73	48.7	17.3	4.97	49.0	17.8	5.07	49.1
		120	16.9	1.17	47.2	15.3	4.15	47.3	16.4	4.62	47.5	17.6	4.85	47.7	18.0	4.94	47.7
80	10	40	15.1	1.02	15.8	16.6	1.22	16.4	17.9	1.36	16.9	19.2	1.43	17.4	19.7	1.45	17.6
		80	15.1	0.99	12.9	16.6	1.20	13.2	17.9	1.34	13.4	19.2	1.40	13.7	19.7	1.43	13.8
		120	15.1	1.40	12.0	16.6	1.17	12.1	17.9	1.31	12.3	19.2	1.37	12.5	19.7	1.40	12.5
	15	40	15.1	1.36	20.9	16.6	1.63	21.5	17.9	1.81	22.1	19.2	1.90	22.6	19.7	1.94	22.8
		80	15.1	1.32	17.9	16.6	1.60	18.3	17.9	1.78	18.5	19.2	1.87	18.8	19.7	1.90	18.9
		120	15.1	1.68	17.0	16.6	1.56	17.2	17.9	1.74	17.3	19.2	1.83	17.5	19.7	1.86	17.6
	20	40	15.1	1.64	26.0	16.6	1.96	26.7	17.9	2.19	27.2	19.2	2.29	27.7	19.7	2.34	27.9
		80	15.1	1.59	23.0	16.6	1.93	23.3	17.9	2.15	23.6	19.2	2.25	23.8	19.7	2.30	23.9
		120	15.1	2.09	22.1	16.6	1.88	22.2	17.9	2.10	22.4	19.2	2.21	22.6	19.7	2.24	22.6
	25	40	15.1	2.06	31.2	16.6	2.47	31.8	17.9	2.75	32.4	19.2	2.89	32.9	19.7	2.94	33.1
		80	15.1	1.99	28.1	16.6	2.42	28.4	17.9	2.69	28.7	19.2	2.82	28.9	19.7	2.88	29.0
		120	15.1	2.51	27.1	16.6	2.34	27.3	17.9	2.61	27.4	19.2	2.73	27.6	19.7	2.78	27.7
	30	40	15.1	2.46	36.3	16.6	2.94	37.0	17.9	3.28	37.6	19.2	3.44	38.1	19.7	3.51	38.3
		80	15.1	2.39	33.1	16.6	2.91	33.5	17.9	3.24	33.8	19.2	3.40	34.0	19.7	3.46	34.1
		120	15.1	2.73	32.1	16.6	2.82	32.3	17.9	3.14	32.5	19.2	3.29	32.7	19.7	3.35	32.8
	35	40	15.1	2.68	41.4	16.6	3.21	42.1	17.9	3.58	42.7	19.2	3.75	43.2	19.7	3.82	43.4
		80	15.1	2.61	38.2	16.6	3.17	38.5	17.9	3.53	38.8	19.2	3.70	39.1	19.7	3.77	39.2
		120	13.4	3.01	37.0	16.6	3.05	37.3	17.9	3.40	37.5	19.2	3.57	37.7	19.7	3.63	37.8
	40	40	13.5	2.97	45.9	14.8	3.56	46.6	15.9	3.96	47.1	17.0	4.16	47.6	17.5	4.24	47.8
		80	13.7	2.90	43.0	14.9	3.52	43.3	16.0	3.92	43.6	17.2	4.11	43.8	17.6	4.18	43.9
		120	12.0	3.28	41.8	15.1	3.38	42.2	16.2	3.77	42.4	17.4	3.95	42.6	17.9	4.03	42.6
	45	40	12.1	3.24	50.5	13.3	3.87	51.1	14.2	4.31	51.7	15.3	4.52	52.1	15.7	4.61	52.3
		80	12.3	3.15	47.8	13.4	3.82	48.1	14.4	4.26	48.3	15.4	4.47	48.6	15.8	4.55	48.7
		120	13.6	0.98	46.7	13.6	3.68	47.1	14.6	4.10	47.2	15.7	4.30	47.4	16.1	4.39	47.4

1-1. AM080FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	40	13.2	0.86	15.0	14.6	1.01	15.6	15.6	1.13	16.0	16.8	1.18	16.4	17.2	1.21	16.6
		80	13.2	0.85	12.5	14.6	1.00	12.8	15.6	1.11	13.0	16.8	1.17	13.2	17.2	1.19	13.3
		120	13.2	0.82	11.7	14.6	0.96	11.9	15.6	1.07	12.0	16.8	1.13	12.1	17.2	1.15	12.2
	15	40	13.2	1.15	20.1	14.6	1.35	20.7	15.6	1.51	21.1	16.8	1.58	21.6	17.2	1.61	21.7
		80	13.2	1.13	17.6	14.6	1.34	17.9	15.6	1.49	18.1	16.8	1.56	18.3	17.2	1.59	18.4
		120	13.2	1.09	16.7	14.6	1.29	16.9	15.6	1.43	17.0	16.8	1.50	17.2	17.2	1.53	17.2
	20	40	13.2	1.38	25.2	14.6	1.63	25.8	15.6	1.81	26.2	16.8	1.90	26.7	17.2	1.93	26.8
		80	13.2	1.36	22.6	14.6	1.61	22.9	15.6	1.79	23.1	16.8	1.88	23.3	17.2	1.91	23.4
		120	13.2	1.32	21.7	14.6	1.55	21.9	15.6	1.73	22.1	16.8	1.81	22.2	17.2	1.85	22.3
	25	40	13.2	1.73	30.3	14.6	2.03	31.0	15.6	2.27	31.4	16.8	2.38	31.9	17.2	2.42	32.0
		80	13.2	1.70	27.7	14.6	2.01	28.0	15.6	2.23	28.2	16.8	2.34	28.4	17.2	2.38	28.5
		120	13.2	1.65	26.8	14.6	1.94	27.0	15.6	2.16	27.1	16.8	2.27	27.3	17.2	2.31	27.3
	30	40	13.2	2.08	35.5	14.6	2.44	36.1	15.6	2.73	36.6	16.8	2.85	37.0	17.2	2.91	37.2
		80	13.2	2.04	32.7	14.6	2.41	33.0	15.6	2.68	33.3	16.8	2.81	33.5	17.2	2.87	33.6
		120	13.2	1.99	31.8	14.6	2.33	32.0	15.6	2.60	32.2	16.8	2.73	32.3	17.2	2.78	32.4
	35	40	13.2	2.27	40.5	14.6	2.67	41.2	15.6	2.98	41.7	16.8	3.13	42.1	17.2	3.19	42.3
		80	13.2	2.21	37.8	14.6	2.61	38.1	15.6	2.90	38.3	16.8	3.05	38.6	17.2	3.11	38.6
		120	13.2	2.16	36.8	14.6	2.54	37.0	15.6	2.83	37.2	16.8	2.97	37.4	17.2	3.03	37.4
	40	40	11.7	2.52	45.1	12.9	2.96	45.7	13.9	3.31	46.2	14.9	3.46	46.6	15.3	3.53	46.8
		80	11.8	2.46	42.6	13.1	2.89	42.9	14.0	3.22	43.1	15.0	3.38	43.3	15.4	3.44	43.4
		120	12.0	2.39	41.7	13.2	2.82	41.9	14.2	3.14	42.1	15.2	3.29	42.2	15.7	3.35	42.3
	45	40	10.5	2.74	49.8	11.6	3.23	50.3	12.5	3.59	50.8	13.4	3.77	51.2	13.7	3.84	51.3
		80	10.6	2.67	47.4	11.7	3.14	47.7	12.6	3.50	47.9	13.5	3.67	48.1	13.8	3.74	48.2
		120	10.7	2.60	46.6	11.9	3.06	46.8	12.8	3.41	46.9	13.7	3.58	47.1	14.0	3.65	47.1
60	10	40	11.3	0.71	14.3	12.5	0.83	14.8	13.4	0.93	15.1	14.4	0.98	15.5	14.7	1.00	15.6
		80	11.3	0.69	12.1	12.5	0.81	12.4	13.4	0.91	12.6	14.4	0.95	12.7	14.7	0.97	12.8
		120	11.3	0.68	11.4	12.5	0.80	11.6	13.4	0.89	11.7	14.4	0.93	11.8	14.7	0.95	11.9
	15	40	11.3	0.95	19.4	12.5	1.12	19.9	13.4	1.24	20.2	14.4	1.30	20.6	14.7	1.33	20.8
		80	11.3	0.92	17.2	12.5	1.09	17.4	13.4	1.21	17.6	14.4	1.27	17.8	14.7	1.29	17.9
		120	11.3	0.90	16.5	12.5	1.06	16.6	13.4	1.18	16.7	14.4	1.24	16.9	14.7	1.27	16.9
	20	40	11.3	1.14	24.5	12.5	1.34	25.0	13.4	1.50	25.3	14.4	1.57	25.7	14.7	1.60	25.9
		80	11.3	1.11	22.2	12.4	1.31	22.5	13.4	1.46	22.7	14.4	1.53	22.8	14.7	1.56	22.9
		120	11.3	1.09	21.5	12.5	1.28	21.6	13.4	1.43	21.8	14.3	1.49	21.9	14.7	1.52	21.9
	25	40	11.3	1.42	29.6	12.5	1.67	30.1	13.4	1.86	30.5	14.4	1.95	30.9	14.7	1.99	31.0
		80	11.3	1.39	27.3	12.5	1.64	27.5	13.4	1.83	27.7	14.3	1.91	27.9	14.7	1.95	28.0
		120	11.3	1.35	26.5	12.5	1.59	26.7	13.4	1.77	26.8	14.4	1.85	26.9	14.7	1.89	27.0
	30	40	11.3	1.70	34.7	12.5	1.99	35.2	13.4	2.23	35.6	14.4	2.33	36.0	14.8	2.38	36.1
		80	11.3	1.66	32.3	12.4	1.95	32.6	13.4	2.18	32.8	14.4	2.28	33.0	14.8	2.33	33.1
		120	11.3	1.62	31.5	12.5	1.90	31.7	13.4	2.12	31.9	14.4	2.22	32.0	14.7	2.27	32.0
	35	40	11.3	1.84	39.7	12.5	2.17	40.2	13.4	2.42	40.7	14.4	2.53	41.1	14.7	2.58	41.2
		80	11.3	1.82	37.3	12.5	2.15	37.6	13.4	2.39	37.8	14.4	2.51	38.0	14.7	2.56	38.1
		120	11.3	1.76	36.6	12.5	2.08	36.7	13.4	2.32	36.9	14.4	2.43	37.0	14.7	2.47	37.1
	40	40	10.0	2.04	44.3	11.1	2.40	44.8	11.9	2.67	45.2	12.8	2.81	45.6	13.1	2.85	45.7
		80	10.1	2.02	42.2	11.2	2.38	42.4	12.0	2.65	42.6	12.9	2.78	42.8	13.2	2.83	42.9
		120	10.3	1.95	41.5	11.4	2.30	41.6	12.2	2.56	41.8	13.1	2.69	41.9	13.4	2.74	41.9
	45	40	9.0	2.22	49.0	10.0	2.61	49.5	10.7	2.91	49.9	11.5	3.06	50.2	11.7	3.11	50.3
		80	9.1	2.20	47.0	10.0	2.59	47.3	10.8	2.88	47.4	11.6	3.03	47.6	11.9	3.09	47.7
		120	9.2	2.13	46.4	10.2	2.51	46.5	10.9	2.79	46.6	11.7	2.93	46.8	12.0	2.98	46.8
50	10	40	9.4	0.54	13.6	10.4	0.64	13.9	11.2	0.71	14.3	12.0	0.75	14.6	12.3	0.76	14.7
		80	9.4	0.53	11.8	10.4	0.63	12.0	11.2	0.70	12.1	12.0	0.73	12.3	12.3	0.75	12.3
		120	9.4	0.52	11.2	10.4	0.61	11.3	11.2	0.68	11.4	12.0	0.72	11.5	12.3	0.73	11.6
	15	40	9.4	0.72	18.6	10.4	0.85	19.0	11.2	0.95	19.3	12.0	1.00	19.7	12.3	1.01	19.8
		80	9.4	0.71	16.8	10.4	0.84	17.0	11.2	0.93	17.2	12.0	0.98	17.3	12.3	1.00	17.4
		120	9.4	0.70	16.2	10.4	0.82	16.3	11.2	0.91	16.4	12.0	0.96	16.5	12.3	0.98	16.6
	20	40	9.4	0.87	23.7	10.4	1.03	24.1	11.2	1.14	24.4	12.0	1.20	24.7	12.3	1.22	24.8
		80	9.4	0.86	21.8	10.4	1.01	22.0	11.2	1.12	22.2	12.0	1.18	22.4	12.3	1.20	22.4
		120	9.4	0.84	21.2	10.4	0.99	21.4	11.2	1.10	21.5	12.0	1.15	21.6	12.3	1.18	21.6
	25	40	9.4	1.09	28.8	10.4	1.28	29.2	11.2	1.43	29.5	12.0	1.50	29.8	12.3	1.53	29.9
		80	9.4	1.06	26.9	10.4	1.24	27.1	11.2	1.39	27.2	12.0	1.45	27.4	12.3	1.48	27.5
		120	9.4	1.05	26.2	10.4	1.23	26.4	11.2	1.37	26.5	12.0	1.44	26.6	12.3	1.47	26.6
	30	40	9.4	1.32	33.8	10.4	1.55	34.3	11.2	1.73	34.6	12.0	1.81	34.9	12.3	1.84	35.1
		80	9.4	1.28	31.9	10.4	1.51	32.1	11.2	1.68	32.3	12.0	1.76	32.5	12.3	1.80	32.5
		120	9.4	1.25	31.3	10.4	1.48	31.4	11.2	1.65	31.5	12.0	1.73	31.6	12.3	1.76	31.7
	35	40	9.4	1.43	38.9	10.4	1.68	39.3	11.2	1.87	39.7	12.0	1.96	40.0	12.3	2.01	40.1
		80	9.4	1.39	36.9	10.4	1.64	37.2	11.1	1.82	37.3	12.0	1.91	37.5	12.3	1.95	37.5
		120	9.4	1.35	36.3	10.4	1.59	36.4	11.2	1.77	36.5	12.0	1.86	36.7	12.3	1.90	36.7
	40	40	8.4	1.58	43.6	9.2	1.86	44.0	9.9	2.07	44.3	10.6	2.18	44.6	10.9	2.22	44.7
		80	8.4	1.54	41.8	9.3	1.81	42.0	10.0	2.02	42.2	10.7	2.12	42.3	11.0	2.16	42.4
		120	8.6	1.49	41.2	9.5	1.76	41.3	10.1	1.97	41.4	10.9	2.06	41.5	11.2	2.10	41.6
	45	40	7.5	1.72	48.3	8.3	2.03	48.7	8.9	2.26	49.0	9.6	2.37	49.3	9.8	2.42	49.4
		80	7.6	1.68	46.7	8.4	1.97	46.9	9.0	2.20	47.0	9.6	2.31	47.1	9.9	2.35	47.2
		120	7.7	1.63	46.1	8.5	1.92	46.2	9.1	2.14	46.3	9.8	2.24	46.4	10.0	2.28	46.5

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	40	28.7	5.76	1.8	28.0	5.53	2.0	26.8	5.39	2.3	25.2	5.02	2.8	24.2	4.60	3.0
		80	29.2	5.54	5.8	28.5	5.45	5.9	27.3	5.31	6.1	25.8	4.92	6.3	24.6	4.53	6.4
		120	30.9	5.59	7.0	30.4	5.47	7.0	29.2	5.26	7.1	27.6	4.90	7.3	26.4	4.58	7.4
	15	40	31.5	5.10	5.5	30.8	4.88	5.7	29.6	4.71	6.1	27.8	4.39	6.6	26.6	4.03	6.9
		80	32.4	4.74	10.1	31.8	4.72	10.2	30.5	4.64	10.4	28.7	4.28	10.6	27.4	3.91	10.8
		120	32.2	4.96	11.8	31.9	4.87	11.8	31.2	4.65	11.8	29.2	4.30	12.0	27.9	4.12	12.2
	20	40	32.4	4.83	10.1	31.9	4.62	10.2	30.7	4.44	10.6	28.9	4.05	11.1	27.5	3.84	11.5
		80	33.0	4.56	14.9	32.8	4.56	14.9	31.7	4.41	15.1	29.8	4.16	15.4	28.5	3.98	15.6
		120	32.9	4.62	16.6	32.7	4.53	16.6	32.3	4.48	16.7	30.2	4.19	16.9	28.8	4.05	17.0
	25	40	33.5	4.50	14.6	32.6	4.42	14.9	32.0	4.32	15.1	30.3	4.07	15.6	29.1	3.86	16.0
		80	33.1	4.37	19.9	32.7	4.43	19.9	32.1	4.28	20.0	30.3	4.06	20.3	29.1	3.84	20.5
		120	32.8	4.35	21.6	32.7	4.25	21.6	32.1	4.25	21.7	30.4	4.02	21.9	29.1	3.68	22.0
	30	40	32.9	4.03	19.7	32.7	4.06	19.8	32.1	4.11	20.0	30.4	3.79	20.5	29.1	3.64	20.9
		80	32.9	3.94	24.8	32.6	4.08	24.9	32.1	4.02	25.0	30.4	3.78	25.2	29.1	3.46	25.4
		120	32.9	3.90	26.5	32.7	3.86	26.6	32.1	3.93	26.6	30.4	3.62	26.8	29.1	3.55	26.9
	35	40	32.9	3.79	24.6	32.7	3.92	24.7	32.0	4.07	25.0	30.4	3.69	25.4	29.1	3.42	25.8
		80	32.9	3.80	29.8	32.7	3.99	29.9	32.1	4.00	30.0	30.3	3.72	30.2	29.1	3.42	30.4
		120	32.9	3.74	31.5	32.7	3.84	31.6	32.1	3.90	31.6	30.4	3.55	31.8	29.1	3.27	31.9
	40	40	32.9	3.53	29.5	32.7	3.66	29.6	32.1	3.93	29.9	30.3	3.61	30.4	29.1	3.35	30.8
		80	32.9	3.54	34.7	32.6	3.72	34.8	32.1	3.81	34.9	30.4	3.57	35.2	29.2	3.29	35.4
		120	32.9	3.51	36.5	32.7	3.58	36.5	32.1	3.85	36.6	30.4	3.50	36.8	29.1	3.23	36.9
	45	40	32.9	3.11	34.3	32.7	3.27	34.5	32.0	3.66	34.8	30.3	3.36	35.3	29.1	3.13	35.7
		80	32.9	3.14	39.7	32.6	3.32	39.7	32.1	3.47	39.9	30.3	3.24	40.1	29.1	3.03	40.3
		120	32.9	3.16	41.5	32.7	3.14	41.5	32.1	3.63	41.6	30.4	3.28	41.8	29.1	3.08	41.9
120	10	40	27.4	5.71	2.2	26.6	5.51	2.4	25.5	5.35	2.8	24.0	4.94	3.2	22.9	4.54	3.4
		80	27.7	5.63	6.0	27.0	5.48	6.1	25.8	5.31	6.3	24.5	4.88	6.5	23.3	4.45	6.6
		120	29.4	5.52	7.2	28.4	5.39	7.3	27.5	5.25	7.3	26.1	4.86	7.5	24.8	4.43	7.6
	15	40	30.1	5.00	6.0	29.3	4.83	6.2	28.1	4.64	6.6	26.5	4.32	7.1	25.2	3.96	7.4
		80	30.5	4.91	10.4	30.0	4.80	10.5	28.8	4.64	10.7	27.1	4.27	10.9	25.7	3.85	11.1
		120	30.4	4.85	11.9	29.7	4.72	12.0	29.1	4.65	12.1	27.4	4.30	12.2	26.0	3.88	12.4
	20	40	30.6	4.63	10.7	30.1	4.44	10.8	28.8	4.25	11.2	27.2	3.93	11.7	25.8	3.73	12.1
		80	31.0	4.50	15.3	30.7	4.47	15.3	29.5	4.30	15.5	27.8	4.01	15.7	26.5	3.76	15.9
		120	30.9	4.49	16.9	30.2	4.38	16.9	29.9	4.33	16.9	28.2	4.06	17.1	26.7	3.83	17.3
	25	40	31.5	4.25	15.2	30.5	4.09	15.5	29.7	4.00	15.8	28.1	3.75	16.3	26.9	3.54	16.6
		80	31.2	4.13	20.2	30.5	4.11	20.3	29.7	4.02	20.4	28.1	3.72	20.6	26.9	3.52	20.8
		120	31.1	3.96	21.8	30.5	3.93	21.8	29.7	3.97	21.9	28.1	3.79	22.1	26.9	3.37	22.2
	30	40	31.1	3.73	20.2	30.5	3.77	20.4	29.7	3.74	20.7	28.1	3.40	21.2	26.9	3.25	21.5
		80	31.1	3.65	25.1	30.5	3.72	25.2	29.7	3.68	25.3	28.1	3.40	25.6	26.9	3.09	25.7
		120	31.1	3.52	26.7	30.5	3.53	26.8	29.8	3.58	26.9	28.1	3.33	27.0	26.9	3.17	27.2
	35	40	31.0	3.51	25.1	30.5	3.54	25.3	29.7	3.64	25.6	28.1	3.30	26.1	26.9	3.04	26.4
		80	31.1	3.43	30.0	30.5	3.55	30.2	29.7	3.51	30.3	28.2	3.24	30.5	26.9	2.97	30.7
		120	31.1	3.31	31.7	30.5	3.46	31.8	29.7	3.52	31.9	28.1	3.19	32.0	26.9	2.92	32.1
	40	40	31.1	3.25	30.0	30.5	3.26	30.2	29.7	3.44	30.6	28.1	3.14	31.0	27.0	2.89	31.4
		80	31.1	3.12	35.0	30.5	3.24	35.1	29.8	3.32	35.3	28.2	3.08	35.5	26.9	2.83	35.7
		120	31.1	3.12	36.7	30.5	3.13	36.7	29.7	3.34	36.8	28.1	3.03	37.0	27.0	2.79	37.1
	45	40	31.0	2.87	34.9	30.5	2.86	35.1	29.8	3.12	35.5	28.1	2.84	35.9	26.9	2.64	36.3
		80	31.1	2.69	39.9	30.5	2.82	40.0	29.8	2.99	40.2	28.1	2.78	40.5	26.9	2.58	40.6
		120	31.1	2.81	41.6	30.5	2.69	41.7	29.8	3.03	41.8	28.1	2.73	42.0	26.9	2.54	42.1
110	10	40	26.1	5.77	2.7	25.3	5.55	2.9	24.2	5.36	3.3	22.9	4.95	3.6	21.6	4.54	3.9
		80	26.4	5.64	6.3	25.5	5.49	6.4	24.4	5.29	6.6	23.1	4.89	6.7	21.8	4.45	6.9
		120	28.0	5.57	7.3	27.2	5.40	7.4	26.0	5.22	7.5	24.5	4.82	7.6	23.2	4.43	7.8
	15	40	28.7	5.03	6.5	27.9	4.87	6.8	26.7	4.67	7.1	25.2	4.32	7.5	23.7	3.96	7.9
		80	29.0	4.85	10.7	28.3	4.81	10.8	27.0	4.64	11.0	25.4	4.27	11.2	24.0	3.85	11.4
		120	28.9	4.86	12.1	28.2	4.72	12.2	27.2	4.56	12.3	25.6	4.21	12.4	24.1	3.89	12.6
	20	40	29.0	4.50	11.2	28.2	4.37	11.5	27.0	4.18	11.8	25.4	3.86	12.3	24.0	3.62	12.7
		80	29.2	4.41	15.6	28.5	4.32	15.7	27.3	4.17	15.9	25.8	3.89	16.1	24.3	3.58	16.3
		120	29.2	4.46	17.0	28.5	4.30	17.1	27.6	4.19	17.2	26.0	3.83	17.4	24.6	3.63	17.5
	25	40	29.4	3.96	15.9	28.5	3.84	16.2	27.6	3.78	16.5	26.0	3.49	16.9	24.6	3.22	17.3
		80	29.3	3.89	20.5	28.4	3.83	20.6	27.5	3.74	20.7	26.0	3.46	21.0	24.6	3.20	21.2
		120	29.3	3.95	22.0	28.5	3.83	22.1	27.5	3.67	22.2	26.0	3.52	22.3	24.6	3.05	22.4
	30	40	29.3	3.33	20.7	28.5	3.39	21.0	27.6	3.33	21.3	26.0	3.08	21.8	24.7	2.82	22.2
		80	29.3	3.31	25.3	28.4	3.35	25.5	27.6	3.26	25.6	25.9	3.06	25.9	24.7	2.72	26.1
		120	29.3	3.32	26.9	28.5	3.21	27.0	27.6	3.17	27.1	26.0	2.92	27.2	24.6	2.78	27.4
	35	40	29.3	3.10	25.6	28.5	3.11	25.9	27.5	3.15	26.3	25.9	2.84	26.7	24.6	2.60	27.1
		80	29.2	3.09	30.3	28.4	3.17	30.5	27.5	3.08	30.6	26.0	2.83	30.9	24.7	2.58	31.0
		120	29.3	2.93	31.9	28.5	3.01	32.0	27.5	3.00	32.1	26.0	2.78	32.2	24.6	2.54	32.4
	40	40	29.3	2.81	30.5	28.5	2.88	30.8	27.5	2.95	31.2	26.0	2.67	31.6	24.7	2.44	32.0
		80	29.3	2.80	35.3	28.5	2.86	35.4	27.5	2.82	35.6	26.0	2.67	35.8	24.7	2.44	36.0
		120	29.3	2.79	36.8	28.5	2.72	36.9	27.6	2.85	37.0	26.0	2.52	37.2	24.6	2.30	37.3
	45	40	29.3	2.40	35.4	28.5	2.54	35.7	27.5	2.64	36.1	25.9	2.39	36.6	24.6	2.19	37.0
		80	29.3	2.40	40.2	28.5	2.47	40.3	27.5	2.44	40.5	26.0	2.37	40.8	24.6	2.20	41.0
		120	29.3	2.55	41.8	28.4	2.33	41.9	27.5	2.59	42.0	25.9	2.15	42.2	24.6	1.96	42.3

1-1. AM080FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	40	25.1	5.81	3.1	23.9	5.63	3.4	22.9	5.40	3.7	21.6	4.98	4.0	20.3	4.50	4.3
		80	25.2	5.74	6.5	24.1	5.59	6.7	22.9	5.34	6.8	21.7	4.92	7.0	20.4	4.45	7.1
		120	26.6	5.65	7.5	25.5	5.49	7.6	24.3	5.24	7.7	23.0	4.85	7.8	21.6	4.37	7.9
	15	40	27.5	5.07	7.0	26.4	4.93	7.3	25.2	4.70	7.7	23.8	4.35	8.0	22.3	3.92	8.4
		80	27.5	5.02	11.0	26.4	4.87	11.1	25.2	4.67	11.3	23.8	4.30	11.5	22.3	3.88	11.7
		120	27.5	4.94	12.3	26.4	4.79	12.4	25.2	4.58	12.5	23.8	4.23	12.7	22.3	3.82	12.8
	20	40	27.5	4.47	11.7	26.4	4.33	12.1	25.2	4.14	12.5	23.8	3.82	12.8	22.3	3.45	13.2
		80	27.5	4.42	15.9	26.4	4.30	16.0	25.2	4.12	16.2	23.8	3.79	16.4	22.3	3.42	16.6
		120	27.5	4.35	17.2	26.4	4.21	17.4	25.2	4.04	17.5	23.8	3.73	17.6	22.3	3.37	17.7
	25	40	27.5	3.79	16.5	26.4	3.68	16.9	25.2	3.52	17.2	23.8	3.24	17.6	22.3	2.93	18.1
		80	27.5	3.75	20.7	26.4	3.64	20.9	25.2	3.48	21.1	23.8	3.21	21.3	22.3	2.90	21.5
		120	27.5	3.68	22.2	26.4	3.58	22.3	25.2	3.43	22.4	23.8	3.16	22.5	22.3	2.86	22.7
	30	40	27.5	3.17	21.3	26.4	3.08	21.6	25.2	2.94	22.0	23.8	2.71	22.4	22.3	2.45	22.9
		80	27.5	3.13	25.6	26.4	3.04	25.8	25.2	2.92	26.0	23.8	2.69	26.2	22.3	2.43	26.4
		120	27.5	3.08	27.1	26.4	2.99	27.2	25.2	2.87	27.3	23.8	2.64	27.5	22.3	2.39	27.6
	35	40	27.5	2.88	26.2	26.4	2.80	26.5	25.2	2.67	26.9	23.8	2.46	27.4	22.3	2.23	27.8
		80	27.5	2.85	30.6	26.4	2.77	30.8	25.2	2.65	31.0	23.8	2.44	31.2	22.3	2.21	31.4
		120	27.5	2.80	32.1	26.4	2.72	32.2	25.2	2.60	32.3	23.8	2.40	32.4	22.3	2.17	32.6
	40	40	27.5	2.59	31.1	26.4	2.51	31.4	25.2	2.41	31.8	23.8	2.22	32.3	22.3	2.00	32.7
		80	27.5	2.56	35.5	26.4	2.49	35.7	25.2	2.38	35.9	23.8	2.20	36.1	22.3	1.98	36.4
		120	27.5	2.52	37.0	26.4	2.45	37.1	25.2	2.34	37.3	23.8	2.16	37.4	22.3	1.95	37.6
	45	40	27.5	2.20	35.9	26.4	2.14	36.3	25.2	2.04	36.7	23.8	1.88	37.1	22.3	1.70	37.6
		80	27.5	2.18	40.5	26.4	2.11	40.6	25.2	2.02	40.8	23.8	1.87	41.1	22.3	1.68	41.3
		120	27.5	2.14	42.0	26.4	2.08	42.1	25.2	1.99	42.2	23.8	1.84	42.4	22.3	1.66	42.5
90	10	40	22.6	5.49	3.9	21.6	5.33	4.2	20.5	5.11	4.5	19.4	4.70	4.7	18.2	4.25	5.0
		80	22.6	5.42	6.9	21.7	5.27	7.1	20.6	5.04	7.2	19.5	4.65	7.3	18.3	4.20	7.5
		120	24.0	5.37	7.8	22.9	5.20	7.9	21.9	4.98	8.0	20.7	4.59	8.1	19.4	4.15	8.2
	15	40	24.8	4.80	7.8	23.7	4.66	8.2	22.6	4.46	8.5	21.4	4.12	8.8	20.1	3.71	9.1
		80	24.8	4.74	11.4	23.7	4.60	11.6	22.6	4.40	11.7	21.4	4.06	11.9	20.1	3.67	12.1
		120	24.8	4.69	12.6	23.7	4.55	12.7	22.6	4.35	12.8	21.4	4.01	12.9	20.1	3.63	13.0
	20	40	24.8	4.22	12.6	23.7	4.11	13.0	22.6	3.92	13.3	21.4	3.62	13.6	20.1	3.27	14.0
		80	24.8	4.18	16.3	23.7	4.05	16.5	22.6	3.87	16.6	21.4	3.58	16.8	20.1	3.23	17.0
		120	24.8	4.13	17.5	23.7	4.01	17.6	22.6	3.83	17.8	21.4	3.54	17.9	20.1	3.19	18.0
	25	40	24.8	3.60	17.4	23.7	3.50	17.8	22.6	3.34	18.1	21.4	3.08	18.4	20.1	2.78	18.8
		80	24.8	3.55	21.2	23.7	3.45	21.4	22.6	3.31	21.5	21.4	3.05	21.7	20.1	2.76	21.9
		120	24.8	3.48	22.5	23.7	3.38	22.6	22.6	3.23	22.7	21.4	2.99	22.8	20.1	2.70	22.9
	30	40	24.8	3.00	22.2	23.7	2.91	22.6	22.6	2.79	22.9	21.4	2.57	23.2	20.1	2.32	23.6
		80	24.8	2.97	26.1	23.7	2.88	26.3	22.6	2.75	26.4	21.4	2.54	26.6	20.1	2.30	26.8
		120	24.8	2.94	27.4	23.7	2.85	27.5	22.6	2.73	27.6	21.4	2.52	27.7	20.1	2.27	27.9
	35	40	24.8	2.73	27.1	23.7	2.65	27.5	22.6	2.53	27.8	21.4	2.34	28.2	20.1	2.11	28.6
		80	24.8	2.69	31.0	23.7	2.62	31.2	22.6	2.50	31.4	21.4	2.31	31.6	20.1	2.09	31.8
		120	24.8	2.66	32.4	23.7	2.58	32.5	22.6	2.47	32.6	21.4	2.28	32.7	20.1	2.06	32.8
	40	40	24.8	2.45	32.0	23.7	2.38	32.4	22.6	2.28	32.7	21.4	2.10	33.1	20.1	1.89	33.5
		80	24.8	2.43	36.0	23.7	2.36	36.2	22.6	2.25	36.4	21.4	2.08	36.5	20.1	1.87	36.7
		120	24.8	2.39	37.3	23.7	2.33	37.4	22.6	2.23	37.6	21.4	2.05	37.7	20.1	1.86	37.8
	45	40	24.8	2.08	36.9	23.7	2.02	37.2	22.6	1.93	37.6	21.4	1.78	38.0	20.1	1.61	38.4
		80	24.8	2.06	40.9	23.7	2.00	41.1	22.6	1.91	41.3	21.4	1.76	41.5	20.1	1.59	41.7
		120	24.8	2.04	42.3	23.7	1.98	42.4	22.6	1.89	42.5	21.4	1.74	42.7	20.1	1.58	42.8
80	10	40	20.1	4.88	4.6	19.2	4.74	4.8	18.2	4.54	5.1	17.3	4.19	5.3	16.2	3.78	5.5
		80	20.1	4.84	7.3	19.3	4.69	7.4	18.3	4.49	7.5	17.4	4.14	7.6	16.3	3.74	7.7
		120	21.3	4.80	8.0	20.4	4.65	8.1	19.4	4.46	8.2	18.4	4.11	8.3	17.3	3.71	8.4
	15	40	22.1	4.27	8.6	21.1	4.14	8.9	20.1	3.97	9.2	19.0	3.66	9.5	17.9	3.30	9.8
		80	22.1	4.22	11.8	21.1	4.10	12.0	20.1	3.92	12.1	19.0	3.62	12.2	17.9	3.27	12.4
		120	22.1	4.19	12.9	21.1	4.07	13.0	20.1	3.89	13.1	19.0	3.59	13.2	17.9	3.24	13.2
	20	40	22.1	3.76	13.4	21.1	3.65	13.7	20.1	3.49	14.1	19.0	3.22	14.3	17.9	2.91	14.6
		80	22.1	3.72	16.7	21.1	3.60	16.9	20.1	3.45	17.0	19.0	3.19	17.2	17.9	2.88	17.3
		120	22.1	3.69	17.8	21.1	3.58	17.9	20.1	3.43	18.0	19.0	3.16	18.1	17.9	2.86	18.2
	25	40	22.1	3.22	18.2	21.1	3.12	18.6	20.1	2.99	18.9	19.0	2.75	19.2	17.9	2.49	19.5
		80	22.1	3.17	21.6	21.1	3.08	21.8	20.1	2.94	21.9	19.0	2.72	22.1	17.9	2.45	22.2
		120	22.1	3.12	22.7	21.1	3.03	22.8	20.1	2.89	22.9	19.0	2.67	23.0	17.9	2.41	23.2
	30	40	22.1	2.67	23.0	21.1	2.59	23.4	20.1	2.48	23.7	19.0	2.29	24.0	17.9	2.07	24.3
		80	22.1	2.66	26.5	21.1	2.58	26.7	20.1	2.46	26.8	19.0	2.27	27.0	17.9	2.05	27.2
		120	22.1	2.61	27.7	21.1	2.54	27.8	20.1	2.42	27.9	19.0	2.24	28.0	17.9	2.02	28.1
	35	40	22.1	2.43	28.0	21.1	2.37	28.3	20.1	2.26	28.6	19.0	2.08	28.9	17.9	1.88	29.3
		80	22.1	2.42	31.5	21.1	2.35	31.6	20.1	2.25	31.8	19.0	2.07	32.0	17.9	1.87	32.1
		120	22.1	2.36	32.6	21.1	2.29	32.7	20.1	2.20	32.9	19.0	2.03	33.0	17.9	1.83	33.1
	40	40	22.1	2.19	32.9	21.1	2.13	33.2	20.1	2.03	33.5	19.0	1.88	33.9	17.9	1.69	34.2
		80	22.1	2.18	36.4	21.1	2.11	36.6	20.1	2.02	36.8	19.0	1.87	36.9	17.9	1.68	37.1
		120	22.1	2.13	37.6	21.1	2.07	37.7	20.1	1.98	37.8	19.0	1.82	37.9	17.9	1.65	38.1
	45	40	22.1	1.86	37.7	21.1	1.81	38.1	20.1	1.73	38.4	19.0	1.60	38.8	17.9	1.44	39.1
		80	22.1	1.85	41.4	21.1	1.79	41.5	20.1	1.72	41.7	19.0	1.58	41.9	17.9	1.43	42.0
		120	22.1	1.81	42.6	21.1	1.75	42.7	20.1	1.68	42.8	19.0	1.55	42.9	17.9	1.40	43.0

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	40	17.6	4.05	5.2	16.8	3.92	5.4	16.0	3.76	5.6	15.1	3.47	5.8	14.2	3.13	6.0
		80	17.6	4.03	7.6	16.9	3.91	7.7	16.1	3.75	7.8	15.2	3.45	7.9	14.2	3.12	8.0
		120	18.7	3.94	8.2	17.9	3.82	8.3	17.0	3.65	8.4	16.1	3.38	8.5	15.1	3.04	8.6
	15	40	19.3	3.53	9.3	18.5	3.44	9.6	17.6	3.28	9.9	16.6	3.02	10.1	15.6	2.74	10.4
		80	19.3	3.52	12.2	18.5	3.42	12.3	17.6	3.27	12.4	16.6	3.01	12.6	15.6	2.72	12.7
		120	19.3	3.44	13.1	18.5	3.34	13.2	17.6	3.19	13.3	16.6	2.95	13.4	15.6	2.66	13.5
	20	40	19.3	3.12	14.2	18.5	3.02	14.5	17.6	2.89	14.7	16.6	2.66	15.0	15.6	2.41	15.3
		80	19.3	3.10	17.1	18.5	3.01	17.2	17.6	2.88	17.4	16.6	2.66	17.5	15.6	2.40	17.6
		120	19.3	3.03	18.1	18.5	2.94	18.1	17.6	2.82	18.2	16.6	2.60	18.3	15.6	2.34	18.4
	25	40	19.3	2.65	19.0	18.5	2.57	19.3	17.6	2.46	19.6	16.6	2.27	19.9	15.6	2.05	20.1
		80	19.3	2.63	22.0	18.5	2.55	22.1	17.6	2.44	22.3	16.6	2.25	22.4	15.6	2.04	22.6
		120	19.3	2.58	23.0	18.5	2.51	23.1	17.6	2.40	23.2	16.6	2.21	23.3	15.6	2.00	23.4
	30	40	19.3	2.21	23.9	18.5	2.15	24.1	17.6	2.06	24.4	16.6	1.90	24.7	15.6	1.71	25.0
		80	19.3	2.20	26.9	18.5	2.14	27.1	17.6	2.04	27.2	16.6	1.88	27.4	15.6	1.70	27.5
		120	19.3	2.17	27.9	18.5	2.10	28.0	17.6	2.01	28.1	16.6	1.85	28.2	15.6	1.68	28.3
	35	40	19.3	2.03	28.8	18.5	1.97	29.1	17.6	1.89	29.4	16.6	1.74	29.7	15.6	1.57	30.0
		80	19.3	1.99	31.9	18.5	1.94	32.0	17.6	1.85	32.2	16.6	1.70	32.3	15.6	1.54	32.5
		120	19.3	1.97	32.9	18.5	1.91	33.0	17.6	1.83	33.1	16.6	1.69	33.2	15.6	1.52	33.3
	40	40	19.3	1.82	33.7	18.5	1.77	34.0	17.6	1.70	34.3	16.6	1.56	34.6	15.6	1.41	34.9
		80	19.3	1.79	36.9	18.5	1.74	37.0	17.6	1.66	37.1	16.6	1.53	37.3	15.6	1.39	37.4
		120	19.3	1.77	37.9	18.5	1.72	38.0	17.6	1.64	38.1	16.6	1.52	38.2	15.6	1.37	38.3
	45	40	19.3	1.55	38.6	18.5	1.50	38.9	17.6	1.44	39.2	16.6	1.33	39.5	15.6	1.20	39.8
		80	19.3	1.52	41.8	18.5	1.48	41.9	17.6	1.41	42.1	16.6	1.30	42.3	15.6	1.18	42.4
		120	19.3	1.50	42.9	18.5	1.46	43.0	17.6	1.40	43.1	16.6	1.29	43.2	15.6	1.16	43.3
60	10	40	15.1	3.34	5.8	14.4	3.25	6.0	13.7	3.10	6.2	12.9	2.86	6.4	12.2	2.59	6.6
		80	15.1	3.27	7.9	14.4	3.18	8.0	13.7	3.05	8.1	13.0	2.80	8.2	12.2	2.54	8.3
		120	16.0	3.25	8.5	15.3	3.15	8.5	14.6	3.02	8.6	13.8	2.79	8.7	13.0	2.52	8.8
	15	40	16.6	2.92	10.1	15.8	2.83	10.4	15.1	2.71	10.6	14.3	2.50	10.8	13.4	2.26	11.0
		80	16.6	2.86	12.5	15.8	2.78	12.7	15.1	2.66	12.8	14.3	2.45	12.9	13.4	2.22	13.0
		120	16.6	2.85	13.4	15.8	2.76	13.4	15.1	2.64	13.5	14.3	2.44	13.6	13.4	2.20	13.7
	20	40	16.6	2.57	15.0	15.8	2.50	15.2	15.1	2.39	15.4	14.3	2.20	15.7	13.4	1.99	15.9
		80	16.6	2.52	17.5	15.8	2.45	17.6	15.1	2.34	17.7	14.3	2.16	17.8	13.4	1.95	17.9
		120	16.6	2.50	18.3	15.8	2.43	18.4	15.1	2.33	18.5	14.3	2.15	18.5	13.4	1.94	18.6
	25	40	16.6	2.18	19.8	15.8	2.11	20.1	15.1	2.02	20.3	14.3	1.87	20.5	13.4	1.69	20.8
		80	16.6	2.14	22.4	15.8	2.09	22.5	15.1	1.99	22.7	14.3	1.84	22.8	13.4	1.66	22.9
		120	16.6	2.11	23.3	15.8	2.05	23.4	15.1	1.96	23.4	14.3	1.81	23.5	13.4	1.63	23.6
	30	40	16.6	1.81	24.7	15.8	1.76	25.0	15.1	1.68	25.2	14.3	1.55	25.4	13.4	1.40	25.7
		80	16.6	1.78	27.3	15.8	1.74	27.5	15.1	1.66	27.6	14.3	1.53	27.7	13.4	1.38	27.8
		120	16.6	1.77	28.2	15.8	1.71	28.3	15.1	1.64	28.4	14.3	1.51	28.5	13.4	1.37	28.6
	35	40	16.6	1.64	29.6	15.8	1.59	29.9	15.1	1.52	30.1	14.3	1.41	30.4	13.4	1.27	30.7
		80	16.6	1.64	32.3	15.8	1.59	32.4	15.1	1.52	32.6	14.3	1.40	32.7	13.4	1.27	32.8
		120	16.6	1.61	33.2	15.8	1.56	33.3	15.1	1.50	33.4	14.3	1.38	33.5	13.4	1.25	33.5
	40	40	16.6	1.48	34.6	15.8	1.44	34.8	15.1	1.37	35.1	14.3	1.27	35.3	13.4	1.14	35.6
		80	16.6	1.48	37.3	15.8	1.43	37.4	15.1	1.37	37.5	14.3	1.26	37.7	13.4	1.14	37.8
		120	16.6	1.45	38.2	15.8	1.41	38.3	15.1	1.35	38.4	14.3	1.24	38.4	13.4	1.12	38.5
	45	40	16.6	1.25	39.5	15.8	1.22	39.8	15.1	1.17	40.0	14.3	1.07	40.3	13.4	0.97	40.5
		80	16.6	1.25	42.3	15.8	1.22	42.4	15.1	1.16	42.5	14.3	1.07	42.6	13.4	0.97	42.8
		120	16.6	1.23	43.2	15.8	1.19	43.3	15.1	1.14	43.3	14.3	1.05	43.4	13.4	0.95	43.5
50	10	40	12.5	2.55	6.4	12.0	2.48	6.6	11.4	2.37	6.8	10.8	2.18	6.9	10.1	1.97	7.1
		80	12.6	2.53	8.2	12.0	2.45	8.3	11.5	2.34	8.4	10.9	2.17	8.4	10.2	1.95	8.5
		120	13.3	2.51	8.7	12.7	2.44	8.8	12.1	2.33	8.8	11.5	2.15	8.9	10.8	1.94	8.9
	15	40	13.8	2.23	10.9	13.2	2.16	11.0	12.6	2.07	11.2	11.9	1.91	11.4	11.2	1.72	11.6
		80	13.8	2.21	12.9	13.2	2.14	13.0	12.6	2.05	13.1	11.9	1.89	13.2	11.2	1.71	13.3
		120	13.8	2.20	13.6	13.2	2.13	13.7	12.6	2.04	13.7	11.9	1.88	13.8	11.2	1.70	13.9
	20	40	13.8	1.96	15.8	13.2	1.90	16.0	12.6	1.82	16.1	11.9	1.68	16.3	11.2	1.52	16.5
		80	13.8	1.94	17.9	13.2	1.89	18.0	12.6	1.80	18.1	11.9	1.66	18.2	11.2	1.50	18.3
		120	13.8	1.93	18.6	13.2	1.87	18.6	12.6	1.79	18.7	11.9	1.65	18.8	11.2	1.50	18.8
	25	40	13.8	1.67	20.7	13.2	1.63	20.9	12.6	1.55	21.0	11.9	1.43	21.2	11.2	1.29	21.5
		80	13.8	1.63	22.8	13.2	1.59	22.9	12.6	1.52	23.0	11.9	1.40	23.1	11.2	1.27	23.2
		120	13.8	1.64	23.5	13.2	1.59	23.6	12.6	1.52	23.7	11.9	1.41	23.7	11.2	1.27	23.8
	30	40	13.8	1.40	25.6	13.2	1.36	25.8	12.6	1.31	26.0	11.9	1.21	26.2	11.2	1.09	26.4
		80	13.8	1.38	27.8	13.2	1.33	27.9	12.6	1.28	28.0	11.9	1.18	28.1	11.2	1.07	28.2
		120	13.8	1.37	28.5	13.2	1.33	28.6	12.6	1.27	28.6	11.9	1.17	28.7	11.2	1.06	28.8
	35	40	13.8	1.27	30.5	13.2	1.24	30.7	12.6	1.18	30.9	11.9	1.09	31.1	11.2	0.99	31.3
		80	13.8	1.25	32.8	13.2	1.21	32.9	12.6	1.16	33.0	11.9	1.07	33.1	11.2	0.97	33.2
		120	13.8	1.23	33.5	13.2	1.20	33.6	12.6	1.14	33.6	11.9	1.06	33.7	11.2	0.95	33.8
	40	40	13.8	1.15	35.5	13.2	1.11	35.7	12.6	1.06	35.9	11.9	0.98	36.1	11.2	0.89	36.3
		80	13.8	1.12	37.7	13.2	1.09	37.8	12.6	1.04	37.9	11.9	0.96	38.0	11.2	0.87	38.1
		120	13.8	1.11	38.5	13.2	1.08	38.6	12.6	1.03	38.6	11.9	0.95	38.7	11.2	0.86	38.8
	45	40	13.8	0.98	40.4	13.2	0.95	40.6	12.6	0.90	40.8	11.9	0.84	41.0	11.2	0.75	41.3
		80	13.8	0.95	42.7	13.2	0.93	42.8	12.6	0.89	42.9	11.9	0.82	43.0	11.2	0.74	43.1
		120	13.8	0.94	43.5	13.2	0.91	43.5	12.6	0.87	43.6	11.9	0.81	43.7	11.2	0.73	43.7

1-2. AM100FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	48	28.0	1.92	18.9	30.9	2.28	19.9	33.2	2.50	20.7	35.6	2.65	21.4	36.4	2.68	21.7
		96	28.0	1.87	14.5	30.8	2.21	14.9	33.2	2.46	15.3	35.6	2.59	15.7	36.5	2.64	15.8
		144	28.0	1.85	13.0	30.8	2.18	13.3	33.2	2.38	13.5	35.6	2.51	13.8	36.5	2.58	13.9
	15	48	27.5	2.47	24.0	30.4	2.92	24.9	32.7	3.24	25.7	35.0	3.41	26.5	35.8	3.48	26.7
		96	27.4	2.43	19.5	30.3	2.86	20.0	32.7	3.20	20.4	35.0	3.35	20.7	35.8	3.43	20.9
		144	27.5	2.36	18.0	30.3	2.80	18.3	32.7	3.10	18.6	35.0	3.24	18.8	35.8	3.35	18.9
	20	48	27.1	2.95	29.0	29.9	3.44	30.0	32.3	3.85	30.8	34.5	4.03	31.5	35.4	4.13	31.8
		96	27.1	2.88	24.5	29.9	3.39	25.0	32.2	3.79	25.4	34.5	3.99	25.7	35.4	4.07	25.9
		144	27.1	2.79	23.0	29.9	3.30	23.3	32.3	3.68	23.6	34.5	3.84	23.8	35.3	3.96	23.9
	25	48	27.1	3.70	34.2	29.9	4.35	35.2	32.3	4.85	36.1	34.5	5.09	36.8	35.4	5.17	37.1
		96	27.1	3.65	29.6	29.9	4.29	30.1	32.3	4.76	30.5	34.5	5.03	30.9	35.4	5.10	31.0
		144	27.1	3.51	28.0	29.9	4.16	28.4	32.3	4.64	28.7	34.5	4.86	28.9	35.4	4.99	29.0
	30	48	27.1	4.34	39.4	29.9	5.11	40.5	32.3	5.70	41.4	34.5	5.97	42.1	35.4	6.06	42.4
		96	27.1	4.26	34.7	29.9	5.02	35.2	32.3	5.60	35.7	34.5	5.87	36.0	35.4	6.01	36.2
		144	27.1	4.13	33.1	29.9	4.86	33.5	32.3	5.41	33.8	34.5	5.69	34.0	35.3	5.85	34.1
	35	48	25.6	4.51	44.0	28.3	5.31	45.0	30.5	5.93	45.9	32.8	6.21	46.6	33.4	6.32	46.9
		96	25.6	4.43	39.5	28.4	5.23	40.0	30.6	5.82	40.4	32.7	6.12	40.8	33.5	6.25	40.9
		144	25.6	4.32	38.0	28.3	5.08	38.3	30.5	5.64	38.6	32.8	5.92	38.9	33.4	6.08	38.9
	40	48	21.4	4.71	47.8	23.6	5.53	48.7	25.4	6.16	49.4	27.3	6.47	50.1	28.0	6.60	50.3
		96	21.6	4.62	43.9	23.8	5.45	44.4	25.6	6.05	44.7	27.5	6.39	45.1	28.2	6.50	45.2
		144	22.0	4.48	42.6	24.2	5.27	42.9	26.0	5.89	43.2	27.9	6.18	43.4	28.6	6.37	43.5
	45	48	17.9	4.85	51.8	19.6	5.72	52.6	21.1	6.38	53.2	22.6	6.68	53.7	23.2	6.80	54.0
		96	18.0	4.77	48.4	19.8	5.62	48.8	21.3	6.26	49.1	22.8	6.61	49.4	23.4	6.73	49.5
		144	18.3	4.62	47.3	20.0	5.44	47.5	21.5	6.07	47.7	23.1	6.36	47.9	23.7	6.57	48.0
120	10	48	26.5	1.82	18.5	29.2	2.16	19.4	31.5	2.38	20.1	33.7	2.51	20.8	34.4	2.54	21.0
		96	26.5	1.79	14.2	29.2	2.12	14.7	31.5	2.32	15.0	33.6	2.46	15.4	34.5	2.50	15.5
		144	26.5	1.71	12.8	29.3	2.06	13.1	31.5	2.25	13.4	33.6	2.38	13.6	34.5	2.46	13.7
	15	48	26.2	2.37	23.5	28.8	2.79	24.4	31.1	3.11	25.2	33.3	3.27	25.9	34.1	3.32	26.2
		96	26.2	2.33	19.3	28.8	2.74	19.7	31.1	3.06	20.1	33.3	3.20	20.5	34.0	3.27	20.6
		144	26.2	2.25	17.8	28.8	2.68	18.1	31.1	2.96	18.4	33.3	3.10	18.6	34.0	3.21	18.7
	20	48	25.9	2.83	28.6	28.5	3.31	29.5	30.8	3.70	30.3	33.0	3.88	31.0	33.8	3.97	31.3
		96	25.9	2.76	24.3	28.5	3.26	24.7	30.8	3.64	25.1	32.9	3.83	25.5	33.8	3.90	25.6
		144	25.9	2.69	22.8	28.5	3.17	23.2	30.8	3.53	23.4	33.0	3.69	23.7	33.7	3.80	23.7
	25	48	25.9	3.55	33.8	28.6	4.18	34.8	30.8	4.63	35.6	33.0	4.88	36.3	33.8	4.97	36.6
		96	25.9	3.48	29.4	28.5	4.11	29.9	30.8	4.58	30.3	33.0	4.79	30.6	33.8	4.90	30.8
		144	25.9	3.36	27.9	28.5	3.98	28.2	30.8	4.45	28.5	33.0	4.65	28.7	33.8	4.76	28.8
	30	48	25.9	4.20	39.0	28.5	4.93	40.0	30.8	5.49	40.8	33.0	5.77	41.6	33.8	5.86	41.8
		96	25.9	4.11	34.5	28.5	4.84	35.0	30.8	5.41	35.4	33.0	5.67	35.8	33.8	5.79	35.9
		144	25.9	3.98	33.0	28.5	4.69	33.3	30.8	5.23	33.6	33.0	5.50	33.8	33.8	5.63	33.9
	35	48	24.9	4.42	43.8	27.5	5.20	44.8	29.7	5.81	45.6	31.7	6.08	46.3	32.5	6.20	46.5
		96	24.9	4.34	39.4	27.5	5.12	39.9	29.7	5.70	40.3	31.7	5.99	40.6	32.5	6.10	40.8
		144	24.9	4.21	37.9	27.5	4.97	38.2	29.7	5.53	38.5	31.6	5.78	38.7	32.5	5.94	38.8
	40	48	21.2	4.69	47.7	23.4	5.53	48.6	25.2	6.17	49.4	26.9	6.47	50.0	27.7	6.60	50.2
		96	21.4	4.61	43.9	23.6	5.45	44.3	25.5	6.04	44.7	27.2	6.35	45.0	28.0	6.48	45.1
		144	21.7	4.48	42.6	23.9	5.28	42.9	25.9	5.87	43.2	27.6	6.17	43.4	28.3	6.33	43.5
	45	48	18.1	4.92	51.9	20.1	5.81	52.7	21.6	6.49	53.4	23.0	6.78	53.9	23.6	6.91	54.1
		96	18.2	4.85	48.4	20.2	5.70	48.9	21.7	6.37	49.2	23.2	6.69	49.5	23.8	6.83	49.6
		144	18.5	4.68	47.3	20.4	5.55	47.6	22.0	6.16	47.8	23.6	6.48	48.0	24.2	6.64	48.1
110	10	48	25.0	1.70	18.0	27.5	2.04	18.8	29.7	2.24	19.5	31.8	2.37	20.2	32.5	2.39	20.4
		96	25.0	1.68	14.0	27.5	1.98	14.4	29.7	2.19	14.8	31.7	2.33	15.1	32.5	2.34	15.2
		144	25.0	1.63	12.7	27.5	1.93	12.9	29.7	2.15	13.2	31.8	2.25	13.4	32.5	2.31	13.5
	15	48	24.8	2.25	23.1	27.3	2.67	23.9	29.5	2.97	24.7	31.6	3.11	25.4	32.3	3.17	25.6
		96	24.8	2.22	19.0	27.3	2.60	19.5	29.5	2.91	19.8	31.6	3.06	20.2	32.3	3.12	20.3
		144	24.8	2.15	17.7	27.3	2.54	18.0	29.5	2.84	18.2	31.6	2.97	18.4	32.3	3.04	18.5
	20	48	24.7	2.72	28.2	27.2	3.18	29.1	29.4	3.56	29.8	31.4	3.72	30.5	32.2	3.81	30.7
		96	24.7	2.65	24.1	27.3	3.13	24.5	29.4	3.49	24.9	31.4	3.67	25.2	32.3	3.74	25.4
		144	24.7	2.59	22.7	27.2	3.04	23.0	29.4	3.40	23.3	31.4	3.55	23.5	32.1	3.63	23.6
	25	48	24.7	3.39	33.4	27.2	3.99	34.3	29.4	4.44	35.1	31.4	4.66	35.8	32.2	4.74	36.0
		96	24.7	3.35	29.2	27.2	3.93	29.7	29.4	4.37	30.0	31.4	4.58	30.4	32.2	4.67	30.5
		144	24.7	3.22	27.8	27.2	3.80	28.1	29.4	4.26	28.3	31.3	4.45	28.6	32.2	4.55	28.7
	30	48	24.7	4.04	38.6	27.2	4.75	39.5	29.4	5.29	40.4	31.4	5.55	41.0	32.2	5.65	41.3
		96	24.7	3.97	34.3	27.2	4.68	34.8	29.4	5.21	35.2	31.4	5.46	35.5	32.2	5.57	35.6
		144	24.7	3.84	32.8	27.2	4.54	33.2	29.4	5.05	33.4	31.4	5.30	33.7	32.2	5.42	33.7
	35	48	24.2	4.31	43.5	26.8	5.09	44.5	28.7	5.67	45.3	30.8	5.96	46.0	31.5	6.05	46.2
		96	24.2	4.25	39.2	26.8	5.01	39.7	28.7	5.58	40.1	30.8	5.85	40.5	31.5	5.96	40.6
		144	24.1	4.11	37.8	26.8	4.86	38.1	28.7	5.40	38.4	30.8	5.66	38.6	31.5	5.79	38.7
	40	48	21.0	4.70	47.7	23.2	5.54	48.6	24.9	6.14	49.3	26.8	6.45	49.9	27.5	6.58	50.2
		96	21.2	4.60	43.8	23.4	5.44	44.3	25.1	6.04	44.7	27.0	6.34	45.0	27.7	6.47	45.1
		144	21.5	4.47	42.6	23.8	5.27	42.9	25.5	5.87	43.1	27.3	6.16	43.3	28.1	6.30	43.4
	45	48	18.4	5.01	52.0	20.3	5.91	52.8	21.9	6.57	53.5	23.4	6.90	54.1	24.1	7.03	54.3
		96	18.6	4.92	48.5	20.4	5.79	48.9	22.0	6.47	49.3	23.6	6.81	49.5	24.2	6.93	49.7
		144	18.8	4.76	47.3	20.7	5.63	47.6	22.3	6.26	47.8	24.0	6.60	48.0	24.6	6.73	48.1

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	48	23.5	1.62	17.5	26.0	1.91	18.3	28.0	2.13	19.0	30.0	2.23	19.6	30.7	2.27	19.8
		96	23.5	1.59	13.7	26.0	1.87	14.2	28.0	2.09	14.5	30.0	2.19	14.8	30.7	2.23	14.9
		144	23.5	1.54	12.5	26.0	1.82	12.8	28.0	2.03	13.0	30.0	2.12	13.2	30.7	2.16	13.3
	15	48	23.5	2.17	22.7	26.0	2.55	23.5	28.0	2.83	24.2	30.0	2.98	24.8	30.7	3.03	25.1
		96	23.5	2.12	18.8	26.0	2.50	19.3	28.0	2.79	19.6	30.0	2.92	19.9	30.7	2.98	20.0
		144	23.5	2.06	17.5	26.0	2.43	17.8	28.0	2.71	18.1	30.0	2.83	18.3	30.7	2.89	18.3
	20	48	23.5	2.61	27.8	26.0	3.06	28.7	28.0	3.42	29.4	30.0	3.59	30.0	30.7	3.66	30.3
		96	23.5	2.56	23.9	26.0	3.02	24.3	28.0	3.36	24.7	30.0	3.53	25.0	30.7	3.60	25.1
		144	23.5	2.49	22.6	26.0	2.92	22.9	28.0	3.26	23.1	30.0	3.42	23.3	30.7	3.48	23.4
	25	48	23.5	3.24	33.0	26.0	3.82	33.9	28.0	4.26	34.6	30.0	4.47	35.3	30.7	4.55	35.5
		96	23.5	3.19	29.0	26.0	3.76	29.4	28.0	4.19	29.8	30.0	4.39	30.1	30.7	4.48	30.3
		144	23.5	3.09	27.6	26.0	3.64	28.0	28.0	4.06	28.2	30.0	4.25	28.4	30.7	4.33	28.5
	30	48	23.5	3.91	38.2	26.0	4.60	39.1	28.0	5.12	39.9	30.0	5.37	40.6	30.7	5.47	40.8
		96	23.5	3.83	34.1	26.0	4.52	34.6	28.0	5.05	34.9	30.0	5.28	35.3	30.7	5.38	35.4
		144	23.5	3.72	32.7	26.0	4.38	33.0	28.0	4.88	33.3	30.0	5.11	33.5	30.7	5.22	33.6
	35	48	23.5	4.23	43.3	26.0	4.99	44.3	28.0	5.56	45.0	30.0	5.84	45.7	30.7	5.94	45.9
		96	23.5	4.17	39.1	26.0	4.91	39.6	28.0	5.47	40.0	30.0	5.74	40.3	30.7	5.84	40.5
		144	23.5	4.04	37.7	26.0	4.76	38.1	28.0	5.31	38.3	30.0	5.55	38.5	30.7	5.66	38.6
	40	48	20.9	4.70	47.7	23.1	5.54	48.5	24.8	6.16	49.2	26.6	6.47	49.9	27.3	6.59	50.1
		96	21.1	4.61	43.8	23.3	5.45	44.3	25.0	6.05	44.6	26.9	6.36	45.0	27.5	6.47	45.1
		144	21.4	4.48	42.6	23.6	5.28	42.9	25.4	5.88	43.1	27.3	6.16	43.3	27.9	6.28	43.4
	45	48	18.8	5.11	52.1	20.8	6.02	53.0	22.3	6.71	53.7	23.9	7.04	54.2	24.5	7.16	54.5
		96	19.0	5.03	48.6	20.9	5.92	49.0	22.5	6.60	49.3	24.1	6.92	49.6	24.7	7.05	49.7
		144	19.2	4.87	47.4	21.2	5.74	47.7	22.8	6.39	47.9	24.5	6.71	48.1	25.1	6.84	48.2
90	10	48	21.2	1.53	16.8	23.4	1.81	17.5	25.1	2.01	18.1	26.9	2.11	18.7	27.7	2.15	18.9
		96	21.2	1.50	13.4	23.4	1.77	13.8	25.1	1.97	14.0	26.9	2.07	14.3	27.7	2.11	14.5
		144	21.2	1.46	12.3	23.4	1.73	12.5	25.1	1.92	12.7	26.9	2.02	12.9	27.7	2.06	13.0
	15	48	21.2	2.05	21.9	23.4	2.41	22.7	25.1	2.68	23.3	26.9	2.82	23.9	27.7	2.87	24.1
		96	21.2	2.00	18.5	23.4	2.37	18.8	25.1	2.63	19.1	26.9	2.77	19.4	27.7	2.81	19.6
		144	21.2	1.95	17.3	23.4	2.30	17.6	25.1	2.56	17.8	26.9	2.69	17.9	27.7	2.75	18.0
	20	48	21.2	2.47	27.1	23.4	2.90	27.9	25.1	3.24	28.5	26.9	3.39	29.0	27.7	3.46	29.3
		96	21.2	2.42	23.5	23.4	2.84	23.9	25.1	3.17	24.2	26.9	3.33	24.5	27.7	3.40	24.6
		144	21.2	2.36	22.3	23.4	2.77	22.6	25.1	3.09	22.8	26.9	3.24	23.0	27.7	3.31	23.1
	25	48	21.2	3.08	32.3	23.4	3.63	33.1	25.1	4.05	33.7	26.9	4.24	34.3	27.7	4.33	34.6
		96	21.2	3.03	28.6	23.4	3.57	29.0	25.1	3.97	29.3	26.9	4.17	29.6	27.7	4.25	29.8
		144	21.2	2.93	27.4	23.4	3.44	27.7	25.1	3.84	27.9	26.9	4.03	28.1	27.7	4.10	28.2
	30	48	21.2	3.70	37.4	23.4	4.35	38.3	25.1	4.86	39.0	26.9	5.09	39.6	27.7	5.18	39.8
		96	21.2	3.63	33.7	23.4	4.28	34.1	25.1	4.77	34.5	26.9	4.99	34.8	27.7	5.09	34.9
		144	21.2	3.54	32.5	23.4	4.17	32.7	25.1	4.65	33.0	26.9	4.87	33.2	27.7	4.96	33.3
	35	48	21.2	4.02	42.5	23.4	4.73	43.4	25.1	5.27	44.1	26.9	5.52	44.7	27.7	5.62	45.0
		96	21.2	3.94	38.8	23.4	4.63	39.2	25.1	5.17	39.5	26.9	5.42	39.8	27.7	5.52	40.0
		144	21.2	3.84	37.5	23.4	4.53	37.8	25.1	5.04	38.0	26.9	5.28	38.2	27.7	5.38	38.3
	40	48	18.8	4.45	46.9	20.8	5.23	47.8	22.3	5.83	48.4	24.0	6.12	49.0	24.6	6.23	49.2
		96	19.0	4.36	43.5	20.9	5.14	43.9	22.5	5.72	44.2	24.2	6.01	44.5	24.8	6.13	44.6
		144	19.2	4.26	42.3	21.3	5.00	42.6	22.9	5.58	42.8	24.5	5.85	43.0	25.1	5.97	43.1
	45	48	16.9	4.84	51.5	18.7	5.69	52.3	20.0	6.35	52.9	21.5	6.67	53.4	22.1	6.78	53.6
		96	17.1	4.75	48.3	18.8	5.60	48.6	20.2	6.23	49.0	21.7	6.55	49.2	22.2	6.66	49.3
		144	21.1	1.54	47.3	19.1	5.45	47.4	20.5	6.08	47.6	22.0	6.38	47.8	22.6	6.48	47.9
80	10	48	18.8	1.34	16.0	20.8	1.60	16.7	22.3	1.79	17.2	24.0	1.88	17.7	24.6	1.91	17.9
		96	18.8	1.30	13.0	20.8	1.58	13.3	22.3	1.76	13.6	24.0	1.84	13.9	24.6	1.88	14.0
		144	18.8	1.83	12.1	20.8	1.54	12.2	22.3	1.72	12.4	24.0	1.80	12.6	24.6	1.83	12.6
	15	48	18.8	1.79	21.2	20.8	2.14	21.9	22.3	2.38	22.4	24.0	2.50	22.9	24.6	2.55	23.1
		96	18.8	1.73	18.1	20.8	2.10	18.4	22.3	2.35	18.7	24.0	2.46	19.0	24.6	2.51	19.0
		144	18.8	2.21	17.1	20.8	2.06	17.3	22.3	2.29	17.4	24.0	2.40	17.6	24.6	2.45	17.7
	20	48	18.8	2.15	26.3	20.8	2.58	27.0	22.3	2.88	27.5	24.0	3.01	28.1	24.6	3.08	28.3
		96	18.8	2.09	23.1	20.8	2.53	23.5	22.3	2.83	23.8	24.0	2.97	24.0	24.6	3.02	24.1
		144	18.8	2.75	22.1	20.8	2.48	22.3	22.3	2.77	22.5	24.0	2.90	22.7	24.6	2.95	22.7
	25	48	18.8	2.71	31.4	20.8	3.25	32.2	22.3	3.63	32.7	24.0	3.79	33.3	24.6	3.86	33.5
		96	18.8	2.62	28.2	20.8	3.18	28.6	22.3	3.55	28.9	24.0	3.72	29.1	24.6	3.78	29.2
		144	18.8	3.30	27.2	20.8	3.08	27.4	22.3	3.43	27.6	24.0	3.60	27.7	24.6	3.67	27.8
	30	48	18.8	3.23	36.6	20.8	3.87	37.4	22.3	4.31	37.9	24.0	4.52	38.5	24.6	4.61	38.7
		96	18.8	3.15	33.3	20.8	3.83	33.7	22.3	4.26	34.0	24.0	4.47	34.3	24.6	4.56	34.4
		144	18.8	3.59	32.2	20.8	3.71	32.4	22.3	4.13	32.6	24.0	4.33	32.8	24.6	4.41	32.9
	35	48	18.8	3.52	41.7	20.8	4.22	42.5	22.3	4.70	43.1	24.0	4.94	43.6	24.6	5.03	43.8
		96	18.8	3.44	38.3	20.8	4.17	38.7	22.3	4.64	39.0	24.0	4.87	39.3	24.6	4.96	39.4
		144	16.7	3.96	37.1	20.8	4.02	37.5	22.3	4.48	37.7	24.0	4.69	37.9	24.6	4.78	37.9
	40	48	16.9	3.90	46.2	18.5	4.68	46.9	19.8	5.21	47.5	21.3	5.48	48.0	21.8	5.56	48.2
		96	17.1	3.81	43.1	18.6	4.62	43.5	20.0	5.15	43.8	21.5	5.40	44.0	22.0	5.49	44.1
		144	15.0	4.32	41.9	18.9	4.45	42.3	20.3	4.95	42.5	21.8	5.19	42.7	22.4	5.30	42.8
	45	48	15.2	4.25	50.8	16.6	5.10	51.5	17.8	5.67	52.0	19.1	5.95	52.5	19.6	6.06	52.7
		96	15.4	4.14	47.9	16.7	5.03	48.2	18.0	5.60	48.5	19.3	5.88	48.8	19.8	5.99	48.8
		144	16.9	1.30	46.8	17.0	4.84	47.2	18.3	5.40	47.4	19.5	5.66	47.5	20.1	5.76	47.6

1-2. AM100FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	48	16.5	1.13	15.3	18.2	1.33	15.8	19.5	1.48	16.3	21.0	1.56	16.7	21.5	1.58	16.9
		96	16.5	1.12	12.6	18.2	1.32	12.9	19.5	1.46	13.1	21.0	1.54	13.4	21.5	1.57	13.4
		144	16.5	1.07	11.7	18.2	1.27	11.9	19.5	1.41	12.1	21.0	1.48	12.2	21.5	1.51	12.3
	15	48	16.5	1.51	20.4	18.2	1.78	21.0	19.5	1.97	21.4	21.0	2.07	21.9	21.5	2.11	22.1
		96	16.5	1.49	17.7	18.2	1.75	18.0	19.5	1.96	18.2	21.0	2.05	18.4	21.5	2.09	18.5
		144	16.5	1.44	16.8	18.2	1.69	17.0	19.5	1.88	17.1	21.0	1.98	17.3	21.5	2.02	17.3
	20	48	16.5	1.82	25.5	18.2	2.14	26.1	19.5	2.38	26.5	21.0	2.50	27.0	21.5	2.54	27.2
		96	16.5	1.80	22.7	18.2	2.11	23.0	19.5	2.36	23.3	21.0	2.48	23.5	21.5	2.52	23.6
		144	16.5	1.73	21.8	18.2	2.04	22.0	19.5	2.27	22.2	21.0	2.38	22.3	21.5	2.43	22.4
	25	48	16.5	2.28	30.6	18.2	2.68	31.2	19.5	2.98	31.7	21.0	3.12	32.2	21.5	3.19	32.4
		96	16.5	2.24	27.8	18.2	2.63	28.1	19.5	2.94	28.4	21.0	3.08	28.6	21.5	3.14	28.7
		144	16.5	2.17	26.9	18.2	2.55	27.1	19.5	2.84	27.2	21.0	2.98	27.4	21.5	3.04	27.4
	30	48	16.5	2.73	35.7	18.2	3.21	36.4	19.5	3.58	36.9	21.0	3.75	37.4	21.5	3.82	37.6
		96	16.5	2.68	32.9	18.2	3.16	33.2	19.5	3.53	33.4	21.0	3.69	33.7	21.5	3.76	33.8
		144	16.5	2.61	31.9	18.2	3.07	32.1	19.5	3.42	32.3	21.0	3.59	32.4	21.5	3.66	32.5
	35	48	16.5	2.99	40.8	18.2	3.52	41.5	19.5	3.92	42.0	21.0	4.11	42.5	21.5	4.20	42.7
		96	16.5	2.92	37.9	18.2	3.42	38.2	19.5	3.82	38.5	21.0	4.01	38.7	21.5	4.09	38.8
		144	16.5	2.83	36.9	18.2	3.34	37.1	19.5	3.72	37.3	21.0	3.91	37.5	21.5	3.97	37.5
	40	48	14.6	3.31	45.4	16.2	3.90	46.0	17.3	4.34	46.5	18.6	4.55	46.9	19.1	4.64	47.1
		96	14.8	3.22	42.7	16.3	3.79	43.0	17.5	4.23	43.2	18.8	4.44	43.5	19.3	4.53	43.6
		144	15.0	3.15	41.8	16.6	3.70	42.0	17.8	4.12	42.2	19.1	4.32	42.3	19.5	4.41	42.4
	45	48	13.2	3.61	50.0	14.5	4.25	50.6	15.6	4.73	51.1	16.7	4.97	51.5	17.2	5.06	51.6
		96	13.3	3.51	47.5	14.6	4.13	47.8	15.7	4.61	48.0	16.9	4.83	48.2	17.3	4.93	48.3
		144	13.4	3.42	46.7	14.8	4.02	46.9	15.9	4.49	47.0	17.1	4.70	47.2	17.6	4.80	47.2
60	10	48	14.1	0.93	14.5	15.6	1.10	15.0	16.8	1.22	15.4	18.0	1.29	15.8	18.4	1.31	15.9
		96	14.1	0.91	12.2	15.6	1.07	12.5	16.8	1.19	12.7	18.0	1.25	12.9	18.4	1.27	12.9
		144	14.1	0.89	11.5	15.6	1.05	11.7	16.8	1.17	11.8	18.0	1.22	11.9	18.4	1.25	12.0
	15	48	14.1	1.25	19.6	15.6	1.47	20.1	16.8	1.63	20.5	18.0	1.72	20.9	18.4	1.75	21.0
		96	14.1	1.21	17.3	15.6	1.43	17.5	16.8	1.59	17.7	18.0	1.67	17.9	18.4	1.70	18.0
		144	14.1	1.19	16.5	15.6	1.40	16.7	16.8	1.56	16.8	18.0	1.63	17.0	18.4	1.67	17.0
	20	48	14.1	1.50	24.7	15.6	1.77	25.2	16.8	1.97	25.6	18.0	2.07	26.0	18.4	2.11	26.1
		96	14.1	1.46	22.3	15.6	1.72	22.6	16.8	1.92	22.8	18.0	2.01	23.0	18.4	2.05	23.1
		144	14.1	1.43	21.5	15.6	1.68	21.7	16.8	1.88	21.9	18.0	1.97	22.0	18.4	2.00	22.0
	25	48	14.1	1.87	29.8	15.6	2.20	30.3	16.8	2.45	30.7	18.0	2.57	31.1	18.4	2.62	31.3
		96	14.1	1.83	27.4	15.6	2.15	27.6	16.8	2.40	27.9	18.0	2.52	28.1	18.4	2.56	28.1
		144	14.1	1.77	26.6	15.6	2.09	26.8	16.8	2.32	26.9	18.0	2.44	27.0	18.4	2.49	27.1
	30	48	14.1	2.23	34.9	15.6	2.62	35.4	16.8	2.93	35.9	18.0	3.07	36.3	18.4	3.13	36.4
		96	14.1	2.18	32.4	15.6	2.57	32.7	16.8	2.86	32.9	18.0	3.01	33.1	18.4	3.06	33.2
		144	14.1	2.13	31.6	15.6	2.51	31.8	16.8	2.79	32.0	18.0	2.93	32.1	18.4	2.98	32.1
	35	48	14.1	2.42	39.9	15.6	2.85	40.5	16.8	3.17	41.0	18.0	3.33	41.4	18.4	3.39	41.5
		96	14.1	2.40	37.5	15.6	2.83	37.7	16.8	3.14	38.0	18.0	3.30	38.2	18.4	3.37	38.3
		144	14.1	2.32	36.6	15.6	2.74	36.8	16.8	3.04	37.0	18.0	3.19	37.1	18.4	3.25	37.2
	40	48	12.6	2.68	44.6	13.8	3.16	45.1	14.9	3.52	45.5	16.0	3.69	45.9	16.4	3.75	46.0
		96	12.7	2.65	42.3	14.0	3.13	42.6	15.0	3.48	42.8	16.1	3.66	43.0	16.5	3.72	43.0
		144	12.9	2.58	41.5	14.2	3.02	41.7	15.2	3.37	41.9	16.3	3.54	42.0	16.7	3.60	42.0
	45	48	11.3	2.92	49.2	12.4	3.44	49.7	13.4	3.82	50.1	14.3	4.02	50.5	14.7	4.09	50.6
		96	11.3	2.89	47.1	12.6	3.40	47.4	13.5	3.80	47.6	14.5	3.98	47.8	14.8	4.06	47.8
		144	11.5	2.80	46.4	12.7	3.29	46.6	13.7	3.67	46.7	14.7	3.85	46.8	15.1	3.92	46.9
50	10	48	11.8	0.71	13.7	13.0	0.84	14.1	14.0	0.93	14.5	15.0	0.98	14.8	15.4	1.00	14.9
		96	11.8	0.70	11.9	13.0	0.82	12.1	14.0	0.92	12.2	15.0	0.96	12.4	15.4	0.98	12.4
		144	11.8	0.69	11.2	13.0	0.81	11.4	14.0	0.90	11.5	15.0	0.94	11.6	15.4	0.96	11.6
	15	48	11.8	0.95	18.8	13.0	1.12	19.2	14.0	1.25	19.6	15.0	1.31	19.9	15.4	1.33	20.0
		96	11.8	0.93	16.9	13.0	1.10	17.1	14.0	1.22	17.3	15.0	1.29	17.4	15.4	1.31	17.5
		144	11.8	0.92	16.3	13.0	1.08	16.4	14.0	1.20	16.5	15.0	1.26	16.6	15.4	1.28	16.7
	20	48	11.8	1.15	23.9	13.0	1.35	24.3	14.0	1.50	24.6	15.0	1.57	24.9	15.4	1.60	25.1
		96	11.8	1.12	21.9	13.0	1.32	22.1	14.0	1.48	22.3	15.0	1.55	22.5	15.4	1.58	22.5
		144	11.8	1.10	21.3	13.0	1.30	21.4	14.0	1.45	21.5	15.0	1.52	21.6	15.4	1.55	21.7
	25	48	11.8	1.43	29.0	13.0	1.69	29.4	14.0	1.88	29.7	15.0	1.97	30.1	15.4	2.01	30.2
		96	11.8	1.39	27.0	13.0	1.64	27.2	14.0	1.82	27.4	15.0	1.91	27.5	15.4	1.95	27.6
		144	11.8	1.38	26.3	13.0	1.62	26.5	14.0	1.81	26.6	15.0	1.90	26.7	15.4	1.93	26.7
	30	48	11.8	1.73	34.0	13.0	2.04	34.5	14.0	2.27	34.9	15.0	2.38	35.2	15.4	2.43	35.3
		96	11.8	1.68	32.0	13.0	1.98	32.2	14.0	2.21	32.4	15.0	2.32	32.6	15.4	2.36	32.7
		144	11.8	1.65	31.3	13.0	1.94	31.5	14.0	2.17	31.6	15.0	2.27	31.7	15.4	2.31	31.8
	35	48	11.8	1.88	39.1	13.0	2.21	39.5	14.0	2.47	39.9	15.0	2.58	40.3	15.4	2.63	40.4
		96	11.8	1.83	37.0	13.0	2.15	37.3	14.0	2.40	37.4	15.0	2.51	37.6	15.4	2.56	37.7
		144	11.8	1.78	36.4	13.0	2.09	36.5	14.0	2.33	36.6	15.0	2.45	36.7	15.4	2.49	36.8
	40	48	10.5	2.08	43.7	11.5	2.45	44.2	12.4	2.73	44.5	13.3	2.86	44.8	13.7	2.91	44.9
		96	10.6	2.02	41.9	11.6	2.39	42.1	12.5	2.66	42.3	13.4	2.78	42.4	13.8	2.84	42.5
		144	10.7	1.97	41.3	11.8	2.32	41.4	12.7	2.58	41.5	13.6	2.71	41.6	14.0	2.76	41.7
	45	48	9.4	2.26	48.5	10.4	2.67	48.9	11.1	2.97	49.2	12.0	3.12	49.5	12.2	3.17	49.6
		96	9.5	2.20	46.7	10.5	2.59	46.9	11.2	2.89	47.1	12.0	3.04	47.3	12.4	3.09	47.3
		144	9.6	2.14	46.2	10.6	2.52	46.3	11.4	2.81	46.4	12.2	2.95	46.5	12.5	3.00	46.5

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	48	35.8	7.33	1.5	35.1	7.07	1.6	33.5	6.87	2.1	31.5	6.40	2.5	30.3	5.88	2.7
		96	36.7	7.08	5.6	35.6	6.93	5.7	34.2	6.75	5.9	32.2	6.28	6.1	30.9	5.76	6.2
		144	38.7	7.12	6.9	37.9	6.95	6.9	36.6	6.70	7.0	34.3	6.25	7.2	33.1	5.84	7.3
	15	48	39.6	6.51	5.1	38.6	6.20	5.3	37.0	6.01	5.7	34.7	5.58	6.3	33.3	5.13	6.6
		96	40.6	6.05	9.8	39.7	6.03	10.0	38.2	5.91	10.2	35.8	5.45	10.5	34.3	4.99	10.6
		144	40.4	6.32	11.6	39.9	6.20	11.6	38.9	5.94	11.7	36.5	5.47	11.9	34.9	5.23	12.0
	20	48	40.7	6.17	9.7	39.8	5.90	9.9	38.4	5.65	10.2	36.0	5.17	10.8	34.5	4.92	11.2
		96	41.4	5.81	14.7	41.0	5.80	14.7	39.6	5.62	14.9	37.2	5.30	15.2	35.6	5.08	15.4
		144	41.4	5.89	16.5	40.8	5.77	16.5	40.2	5.70	16.6	37.7	5.34	16.8	36.0	5.14	16.9
	25	48	42.1	5.71	14.1	40.9	5.64	14.5	40.1	5.51	14.7	37.9	5.19	15.2	36.4	4.92	15.6
		96	41.5	5.57	19.6	40.8	5.65	19.8	40.1	5.46	19.8	37.8	5.16	20.1	36.4	4.90	20.3
		144	41.1	5.53	21.5	40.9	5.39	21.5	40.0	5.41	21.6	37.8	5.13	21.7	36.4	4.68	21.8
	30	48	41.3	5.13	19.2	40.9	5.17	19.3	40.1	5.24	19.6	37.9	4.83	20.1	36.5	4.64	20.5
		96	41.2	5.02	24.6	40.9	5.20	24.7	40.0	5.11	24.8	37.9	4.82	25.1	36.4	4.42	25.2
		144	41.2	4.97	26.4	40.8	4.91	26.4	40.1	5.01	26.5	37.9	4.62	26.7	36.3	4.53	26.8
	35	48	41.2	4.84	24.1	40.9	4.98	24.3	40.0	5.18	24.6	37.9	4.72	25.1	36.5	4.37	25.4
		96	41.2	4.85	29.6	40.9	5.07	29.7	40.1	5.10	29.8	37.8	4.73	30.1	36.4	4.34	30.2
		144	41.3	4.77	31.4	40.9	4.89	31.4	40.1	4.98	31.5	37.9	4.53	31.7	36.5	4.16	31.8
	40	48	41.3	4.51	29.0	40.8	4.68	29.2	40.1	5.01	29.5	37.8	4.60	30.1	36.5	4.27	30.4
		96	41.2	4.51	34.5	40.8	4.74	34.6	40.1	4.86	34.7	37.9	4.54	35.0	36.5	4.19	35.2
		144	41.3	4.47	36.3	40.8	4.55	36.4	40.1	4.90	36.5	37.9	4.46	36.7	36.4	4.12	36.8
	45	48	41.2	3.97	33.9	40.9	4.15	34.0	40.1	4.66	34.4	37.9	4.29	35.0	36.4	4.00	35.3
		96	41.3	3.99	39.4	40.8	4.24	39.5	40.1	4.42	39.7	37.9	4.13	40.0	36.4	3.87	40.1
		144	41.2	4.02	41.3	40.9	4.01	41.3	40.1	4.62	41.5	37.9	4.18	41.6	36.4	3.93	41.8
120	10	48	34.2	7.26	2.0	33.4	7.05	2.1	31.8	6.81	2.5	30.1	6.29	2.9	28.7	5.78	3.2
		96	34.7	7.18	5.9	33.8	7.00	6.0	32.2	6.76	6.2	30.5	6.23	6.4	29.1	5.68	6.5
		144	36.7	7.05	7.1	35.4	6.87	7.2	34.5	6.70	7.2	32.5	6.19	7.4	31.0	5.65	7.5
	15	48	37.7	6.39	5.6	36.6	6.13	5.9	35.2	5.92	6.3	33.1	5.50	6.8	31.6	5.04	7.1
		96	38.3	6.27	10.2	37.5	6.12	10.3	36.0	5.90	10.5	33.8	5.44	10.8	32.2	4.92	10.9
		144	38.2	6.15	11.8	37.1	6.00	11.9	36.4	5.93	12.0	34.2	5.46	12.1	32.5	4.95	12.3
	20	48	38.4	5.92	10.3	37.6	5.67	10.5	36.1	5.41	10.8	33.9	5.00	11.4	32.2	4.78	11.8
		96	38.9	5.73	15.1	38.4	5.68	15.1	36.9	5.48	15.3	34.7	5.11	15.6	33.1	4.80	15.8
		144	38.7	5.73	16.7	37.8	5.59	16.8	37.4	5.51	16.8	35.1	5.17	17.0	33.3	4.87	17.2
	25	48	39.5	5.40	14.8	38.2	5.22	15.2	37.2	5.11	15.4	35.1	4.77	16.0	33.7	4.51	16.3
		96	39.1	5.27	20.0	38.2	5.24	20.1	37.1	5.12	20.2	35.0	4.74	20.5	33.7	4.50	20.6
		144	39.0	5.05	21.6	38.1	5.00	21.7	37.1	5.04	21.8	35.1	4.81	22.0	33.7	4.28	22.1
	30	48	39.0	4.77	19.8	38.1	4.78	20.0	37.2	4.77	20.3	35.1	4.33	20.8	33.7	4.15	21.2
		96	39.0	4.65	24.9	38.1	4.73	25.0	37.2	4.69	25.1	35.1	4.33	25.4	33.7	3.94	25.6
		144	39.0	4.49	26.6	38.1	4.49	26.7	37.2	4.57	26.8	35.2	4.24	26.9	33.6	4.05	27.1
	35	48	39.0	4.46	24.7	38.1	4.51	25.0	37.1	4.64	25.3	35.1	4.22	25.8	33.7	3.87	26.1
		96	39.0	4.38	29.8	38.2	4.52	30.0	37.1	4.46	30.1	35.1	4.13	30.4	33.6	3.78	30.5
		144	39.0	4.22	31.5	38.2	4.38	31.6	37.1	4.49	31.8	35.1	4.06	31.9	33.7	3.72	32.0
	40	48	39.0	4.15	29.6	38.1	4.18	29.9	37.2	4.38	30.2	35.1	4.00	30.7	33.7	3.70	31.0
		96	39.0	3.97	34.8	38.2	4.14	34.9	37.1	4.22	35.1	35.1	3.93	35.3	33.7	3.61	35.5
		144	39.0	3.97	36.5	38.1	3.98	36.6	37.2	4.26	36.7	35.1	3.86	36.9	33.7	3.54	37.0
	45	48	38.9	3.66	34.5	38.2	3.64	34.7	37.1	3.97	35.1	35.1	3.62	35.6	33.7	3.37	35.9
		96	39.0	3.42	39.7	38.1	3.59	39.8	37.2	3.81	40.0	35.0	3.54	40.3	33.7	3.29	40.5
		144	39.0	3.58	41.5	38.1	3.43	41.5	37.1	3.87	41.7	35.2	3.48	41.8	33.8	3.24	42.0
110	10	48	32.7	7.35	2.4	31.8	7.08	2.6	30.1	6.84	3.0	28.5	6.30	3.4	27.0	5.79	3.7
		96	33.1	7.21	6.1	31.9	7.00	6.3	30.4	6.75	6.5	28.9	6.22	6.6	27.3	5.67	6.8
		144	34.9	7.12	7.2	33.9	6.87	7.3	32.5	6.64	7.4	30.6	6.12	7.6	29.0	5.65	7.7
	15	48	36.0	6.43	6.2	34.8	6.20	6.4	33.3	5.97	6.8	31.4	5.49	7.3	29.7	5.05	7.6
		96	36.4	6.20	10.5	35.4	6.12	10.6	33.7	5.91	10.8	31.7	5.44	11.1	30.1	4.92	11.2
		144	36.3	6.18	12.0	35.2	6.00	12.1	34.0	5.82	12.2	31.9	5.35	12.4	30.1	4.96	12.5
	20	48	36.4	5.74	10.8	35.3	5.58	11.1	33.8	5.33	11.5	31.7	4.93	12.0	30.1	4.62	12.4
		96	36.7	5.61	15.4	35.7	5.51	15.5	34.2	5.31	15.7	32.2	4.95	15.9	30.4	4.57	16.1
		144	36.7	5.68	16.9	35.6	5.48	17.0	34.5	5.33	17.1	32.4	4.87	17.3	30.7	4.63	17.4
	25	48	37.0	5.04	15.5	35.6	4.91	15.8	34.4	4.81	16.2	32.4	4.44	16.6	30.9	4.11	17.0
		96	36.8	4.97	20.3	35.6	4.87	20.4	34.4	4.77	20.6	32.4	4.41	20.8	30.8	4.09	21.0
		144	36.7	5.03	21.8	35.6	4.87	21.9	34.4	4.69	22.0	32.4	4.48	22.2	30.8	3.89	22.3
	30	48	36.8	4.24	20.3	35.6	4.31	20.7	34.4	4.25	21.0	32.4	3.93	21.5	30.8	3.59	21.9
		96	36.7	4.21	25.2	35.6	4.27	25.3	34.4	4.15	25.5	32.5	3.90	25.7	30.8	3.46	25.9
		144	36.7	4.22	26.8	35.6	4.09	26.9	34.4	4.05	27.0	32.4	3.73	27.1	30.8	3.56	27.3
	35	48	36.8	3.97	25.2	35.6	3.96	25.6	34.4	4.02	25.9	32.4	3.63	26.4	30.8	3.31	26.8
		96	36.8	3.95	30.1	35.5	4.03	30.3	34.4	3.92	30.5	32.4	3.61	30.7	30.8	3.28	30.9
		144	36.8	3.73	31.7	35.5	3.83	31.8	34.4	3.82	32.0	32.3	3.55	32.1	30.9	3.23	32.2
	40	48	36.8	3.59	30.1	35.6	3.68	30.5	34.4	3.76	30.9	32.3	3.40	31.4	30.9	3.11	31.7
		96	36.7	3.57	35.1	35.6	3.66	35.2	34.4	3.60	35.4	32.4	3.40	35.7	30.8	3.11	35.9
		144	36.7	3.55	36.7	35.6	3.47	36.8	34.5	3.63	36.9	32.4	3.21	37.1	30.8	2.92	37.2
	45	48	36.7	3.06	35.0	35.6	3.23	35.3	34.4	3.36	35.7	32.4	3.06	36.2	30.9	2.79	36.6
		96	36.7	3.05	40.0	35.6	3.15	40.1	34.4	3.12	40.3	32.4	3.03	40.6	30.8	2.80	40.8
		144	36.7	3.25	41.7	35.6	2.97	41.8	34.4	3.30	41.9	32.4	2.74	42.0	30.9	2.50	42.2

1-2. AM100FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	48	31.3	7.39	2.9	30.0	7.19	3.2	28.5	6.88	3.5	27.0	6.34	3.8	25.4	5.73	4.1
		96	31.5	7.33	6.4	30.1	7.12	6.6	28.7	6.79	6.7	27.1	6.27	6.9	25.5	5.66	7.0
		144	33.3	7.20	7.4	31.8	6.98	7.5	30.4	6.68	7.6	28.7	6.17	7.8	27.0	5.57	7.9
	15	48	34.5	6.47	6.6	33.0	6.27	7.0	31.5	6.01	7.4	29.7	5.54	7.8	27.9	5.00	8.2
		96	34.5	6.41	10.8	33.0	6.21	11.0	31.5	5.95	11.2	29.7	5.48	11.4	27.9	4.95	11.6
		144	34.5	6.28	12.2	33.0	6.10	12.3	31.5	5.85	12.4	29.7	5.39	12.6	27.9	4.86	12.7
	20	48	34.5	5.70	11.4	33.0	5.53	11.8	31.5	5.28	12.2	29.7	4.87	12.6	27.9	4.41	13.0
		96	34.5	5.63	15.7	33.0	5.47	15.9	31.5	5.25	16.1	29.7	4.83	16.3	27.9	4.36	16.5
		144	34.5	5.54	17.1	33.0	5.38	17.3	31.5	5.14	17.4	29.7	4.74	17.5	27.9	4.28	17.7
	25	48	34.5	4.82	16.1	33.0	4.69	16.5	31.5	4.49	16.9	29.7	4.13	17.4	27.9	3.74	17.8
		96	34.5	4.78	20.6	33.0	4.63	20.8	31.5	4.43	21.0	29.7	4.09	21.2	27.9	3.70	21.4
		144	34.5	4.69	22.0	33.0	4.55	22.2	31.5	4.36	22.3	29.7	4.02	22.4	27.9	3.63	22.6
	30	48	34.5	4.03	20.9	33.0	3.92	21.3	31.5	3.75	21.7	29.7	3.46	22.2	27.9	3.13	22.6
		96	34.5	3.99	25.4	33.0	3.88	25.7	31.5	3.71	25.9	29.7	3.43	26.1	27.9	3.09	26.3
		144	34.5	3.92	27.0	33.0	3.82	27.1	31.5	3.65	27.2	29.7	3.37	27.4	27.9	3.05	27.5
	35	48	34.5	3.67	25.8	33.0	3.56	26.2	31.5	3.41	26.6	29.7	3.15	27.1	27.9	2.84	27.5
		96	34.5	3.64	30.4	33.0	3.53	30.6	31.5	3.37	30.8	29.7	3.11	31.0	27.9	2.81	31.3
		144	34.5	3.57	31.9	33.0	3.46	32.1	31.5	3.32	32.2	29.7	3.06	32.4	27.9	2.77	32.5
	40	48	34.5	3.31	30.7	33.0	3.21	31.1	31.5	3.07	31.5	29.7	2.82	32.0	27.9	2.55	32.4
		96	34.5	3.26	35.3	33.0	3.17	35.5	31.5	3.03	35.7	29.7	2.80	36.0	27.9	2.53	36.2
		144	34.5	3.21	36.9	33.0	3.12	37.0	31.5	2.98	37.2	29.7	2.75	37.3	27.9	2.49	37.5
	45	48	34.5	2.80	35.5	33.0	2.72	36.0	31.5	2.60	36.4	29.7	2.40	36.9	27.9	2.17	37.3
		96	34.5	2.77	40.3	33.0	2.69	40.5	31.5	2.57	40.7	29.7	2.38	40.9	27.9	2.15	41.2
		144	34.5	2.73	41.8	33.0	2.65	42.0	31.5	2.53	42.1	29.7	2.34	42.3	27.9	2.11	42.4
90	10	48	28.2	7.01	3.7	27.0	6.79	4.0	25.7	6.50	4.3	24.3	6.00	4.5	22.8	5.42	4.8
		96	28.4	6.91	6.8	27.1	6.70	7.0	25.8	6.42	7.1	24.4	5.92	7.2	22.9	5.35	7.4
		144	30.0	6.84	7.7	28.7	6.63	7.8	27.3	6.34	7.9	25.9	5.85	8.0	24.3	5.28	8.1
	15	48	31.1	6.12	7.5	29.7	5.95	7.9	28.3	5.68	8.2	26.7	5.25	8.6	25.1	4.74	8.9
		96	31.1	6.05	11.3	29.7	5.86	11.4	28.3	5.61	11.6	26.7	5.17	11.8	25.1	4.67	12.0
		144	31.1	5.98	12.5	29.7	5.79	12.6	28.3	5.55	12.7	26.7	5.11	12.9	25.1	4.62	13.0
	20	48	31.1	5.38	12.3	29.7	5.23	12.7	28.3	5.00	13.0	26.7	4.62	13.4	25.1	4.17	13.8
		96	31.1	5.31	16.1	29.7	5.17	16.3	28.3	4.94	16.5	26.7	4.55	16.7	25.1	4.12	16.9
		144	31.1	5.25	17.4	29.7	5.10	17.6	28.3	4.89	17.7	26.7	4.50	17.8	25.1	4.07	17.9
	25	48	31.1	4.58	17.1	29.7	4.46	17.5	28.3	4.26	17.8	26.7	3.93	18.2	25.1	3.55	18.6
		96	31.1	4.53	21.0	29.7	4.40	21.2	28.3	4.21	21.4	26.7	3.89	21.6	25.1	3.51	21.8
		144	31.1	4.44	22.3	29.7	4.31	22.5	28.3	4.12	22.6	26.7	3.81	22.7	25.1	3.44	22.8
	30	48	31.1	3.83	21.9	29.7	3.71	22.2	28.3	3.55	22.6	26.7	3.28	23.0	25.1	2.96	23.4
		96	31.1	3.78	25.9	29.7	3.68	26.1	28.3	3.51	26.3	26.7	3.24	26.5	25.1	2.93	26.7
		144	31.1	3.74	27.3	29.7	3.64	27.4	28.3	3.48	27.5	26.7	3.21	27.7	25.1	2.89	27.8
	35	48	31.1	3.47	26.8	29.7	3.37	27.1	28.3	3.22	27.5	26.7	2.97	27.9	25.1	2.69	28.3
		96	31.1	3.43	30.9	29.7	3.33	31.1	28.3	3.19	31.3	26.7	2.94	31.5	25.1	2.65	31.6
		144	31.1	3.40	32.2	29.7	3.30	32.4	28.3	3.15	32.5	26.7	2.91	32.6	25.1	2.62	32.8
	40	48	31.1	3.13	31.6	29.7	3.03	32.0	28.3	2.90	32.4	26.7	2.67	32.8	25.1	2.42	33.2
		96	31.1	3.09	35.8	29.7	3.00	36.0	28.3	2.87	36.2	26.7	2.65	36.4	25.1	2.39	36.6
		144	31.1	3.05	37.2	29.7	2.96	37.3	28.3	2.83	37.5	26.7	2.62	37.6	25.1	2.37	37.7
	45	48	31.1	2.65	36.5	29.7	2.57	36.9	28.3	2.46	37.3	26.7	2.27	37.7	25.1	2.05	38.1
		96	31.1	2.62	40.7	29.7	2.54	40.9	28.3	2.43	41.1	26.7	2.25	41.3	25.1	2.03	41.6
		144	31.1	2.59	42.2	29.7	2.52	42.3	28.3	2.40	42.4	26.7	2.22	42.6	25.1	2.01	42.7
80	10	48	25.1	6.22	4.4	23.9	6.04	4.7	22.8	5.79	4.9	21.6	5.34	5.1	20.3	4.81	5.4
		96	25.2	6.16	7.2	24.1	5.97	7.3	22.9	5.72	7.4	21.7	5.28	7.6	20.4	4.77	7.7
		144	26.6	6.11	8.0	25.5	5.93	8.1	24.3	5.67	8.2	23.0	5.23	8.2	21.6	4.72	8.3
	15	48	27.6	5.43	8.4	26.4	5.27	8.7	25.1	5.04	9.0	23.7	4.66	9.3	22.3	4.20	9.6
		96	27.6	5.38	11.7	26.4	5.23	11.8	25.1	5.00	12.0	23.7	4.61	12.1	22.3	4.16	12.3
		144	27.6	5.34	12.8	26.4	5.18	12.9	25.1	4.96	13.0	23.7	4.58	13.1	22.3	4.13	13.2
	20	48	27.6	4.79	13.2	26.4	4.64	13.5	25.1	4.44	13.8	23.7	4.10	14.1	22.3	3.70	14.4
		96	27.5	4.73	16.6	26.4	4.61	16.7	25.1	4.39	16.9	23.7	4.05	17.1	22.3	3.67	17.2
		144	27.6	4.70	17.7	26.4	4.56	17.8	25.1	4.37	17.9	23.7	4.03	18.0	22.3	3.63	18.1
	25	48	27.6	4.10	18.0	26.4	3.98	18.3	25.1	3.81	18.6	23.7	3.51	19.0	22.3	3.17	19.3
		96	27.6	4.05	21.5	26.4	3.93	21.6	25.1	3.76	21.8	23.7	3.46	22.0	22.3	3.13	22.1
		144	27.6	3.97	22.6	26.4	3.85	22.8	25.1	3.68	22.9	23.7	3.41	23.0	22.3	3.07	23.1
	30	48	27.5	3.40	22.8	26.4	3.30	23.1	25.1	3.16	23.4	23.7	2.91	23.8	22.3	2.63	24.1
		96	27.6	3.38	26.4	26.4	3.29	26.5	25.1	3.14	26.7	23.7	2.90	26.9	22.3	2.62	27.1
		144	27.6	3.33	27.6	26.4	3.23	27.7	25.1	3.09	27.8	23.7	2.85	27.9	22.3	2.57	28.0
	35	48	27.6	3.10	27.7	26.4	3.01	28.0	25.1	2.88	28.4	23.7	2.66	28.7	22.3	2.40	29.1
		96	27.6	3.09	31.3	26.4	2.99	31.5	25.1	2.86	31.7	23.7	2.65	31.9	22.3	2.39	32.0
		144	27.6	3.01	32.6	26.4	2.92	32.7	25.1	2.80	32.8	23.7	2.58	32.9	22.3	2.33	33.0
	40	48	27.6	2.79	32.6	26.4	2.71	32.9	25.1	2.59	33.3	23.7	2.39	33.6	22.3	2.16	34.0
		96	27.6	2.77	36.3	26.4	2.69	36.5	25.1	2.58	36.6	23.7	2.37	36.8	22.3	2.15	37.0
		144	27.6	2.71	37.5	26.4	2.63	37.6	25.1	2.52	37.8	23.7	2.32	37.9	22.3	2.10	38.0
	45	48	27.6	2.37	37.5	26.4	2.30	37.8	25.1	2.20	38.2	23.7	2.03	38.5	22.3	1.83	38.9
		96	27.6	2.35	41.2	26.4	2.29	41.4	25.1	2.19	41.6	23.7	2.02	41.8	22.3	1.82	41.9
		144	27.6	2.30	42.5	26.4	2.23	42.6	25.1	2.14	42.7	23.7	1.97	42.8	22.3	1.78	43.0

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	48	21.9	5.16	5.0	21.0	5.01	5.2	20.0	4.79	5.5	18.9	4.42	5.7	17.7	3.99	5.9
		96	22.0	5.13	7.5	21.0	4.99	7.6	20.1	4.76	7.7	19.0	4.40	7.8	17.8	3.97	7.9
		144	23.4	5.01	8.2	22.3	4.87	8.3	21.3	4.66	8.3	20.1	4.29	8.4	18.9	3.88	8.5
	15	48	24.1	4.50	9.1	23.1	4.37	9.4	22.0	4.19	9.7	20.8	3.86	10.0	19.6	3.49	10.2
		96	24.1	4.48	12.1	23.1	4.35	12.2	22.0	4.16	12.3	20.8	3.85	12.5	19.6	3.47	12.6
		144	24.1	4.39	13.0	23.1	4.26	13.1	22.0	4.08	13.2	20.8	3.76	13.3	19.6	3.39	13.4
	20	48	24.1	3.96	14.0	23.1	3.85	14.3	22.0	3.68	14.5	20.8	3.40	14.8	19.6	3.07	15.1
		96	24.1	3.95	17.0	23.1	3.84	17.1	22.0	3.66	17.3	20.8	3.38	17.4	19.6	3.05	17.5
		144	24.1	3.86	18.0	23.1	3.75	18.1	22.0	3.58	18.2	20.8	3.31	18.3	19.6	2.99	18.3
	25	48	24.1	3.38	18.8	23.1	3.28	19.1	22.0	3.13	19.4	20.8	2.89	19.6	19.6	2.61	19.9
		96	24.1	3.35	21.9	23.1	3.25	22.0	21.9	3.11	22.2	20.8	2.86	22.3	19.6	2.60	22.5
		144	24.1	3.29	22.9	23.1	3.19	23.0	22.0	3.05	23.1	20.8	2.81	23.2	19.6	2.54	23.3
	30	48	24.1	2.82	23.6	23.1	2.74	23.9	22.0	2.63	24.2	20.8	2.42	24.5	19.6	2.18	24.8
		96	24.1	2.80	26.8	23.1	2.72	27.0	22.0	2.60	27.1	20.8	2.40	27.3	19.6	2.17	27.4
		144	24.1	2.76	27.9	23.1	2.67	28.0	22.0	2.56	28.1	20.8	2.36	28.2	19.6	2.14	28.3
	35	48	24.1	2.59	28.6	23.1	2.51	28.9	22.0	2.40	29.2	20.8	2.21	29.5	19.6	2.00	29.7
		96	24.1	2.54	31.8	23.1	2.46	31.9	21.9	2.36	32.1	20.8	2.17	32.2	19.6	1.96	32.4
		144	24.1	2.51	32.9	23.1	2.43	32.9	22.0	2.33	33.0	20.8	2.15	33.1	19.6	1.94	33.2
	40	48	24.1	2.33	33.5	23.1	2.26	33.8	22.0	2.16	34.1	20.8	1.99	34.4	19.6	1.80	34.7
		96	24.1	2.29	36.7	23.1	2.21	36.9	22.0	2.12	37.0	20.8	1.95	37.2	19.6	1.77	37.3
		144	24.1	2.26	37.8	23.1	2.19	37.9	22.0	2.10	38.0	20.8	1.93	38.1	19.6	1.75	38.2
	45	48	24.1	1.97	38.4	23.1	1.92	38.7	22.0	1.83	39.0	20.8	1.69	39.3	19.6	1.53	39.6
		96	24.1	1.94	41.7	23.1	1.88	41.8	22.0	1.80	42.0	20.8	1.66	42.1	19.6	1.50	42.3
		144	24.1	1.91	42.8	23.1	1.86	42.9	22.0	1.78	43.0	20.8	1.64	43.1	19.6	1.48	43.2
60	10	48	18.8	4.25	5.7	18.0	4.13	5.9	17.1	3.96	6.1	16.2	3.65	6.3	15.2	3.30	6.4
		96	18.9	4.17	7.8	18.1	4.05	7.9	17.2	3.88	8.0	16.3	3.58	8.1	15.3	3.23	8.2
		144	20.0	4.14	8.4	19.1	4.02	8.5	18.2	3.85	8.6	17.2	3.56	8.6	16.2	3.21	8.7
	15	48	20.7	3.72	9.9	19.8	3.61	10.2	18.9	3.45	10.4	17.8	3.19	10.6	16.7	2.88	10.9
		96	20.7	3.65	12.5	19.8	3.54	12.6	18.9	3.39	12.7	17.8	3.13	12.8	16.7	2.83	12.9
		144	20.7	3.62	13.3	19.8	3.51	13.4	18.9	3.37	13.5	17.8	3.11	13.5	16.7	2.80	13.6
	20	48	20.7	3.27	14.8	19.8	3.18	15.0	18.9	3.04	15.3	17.8	2.80	15.5	16.7	2.54	15.8
		96	20.7	3.22	17.4	19.8	3.11	17.5	18.9	2.98	17.6	17.8	2.75	17.7	16.7	2.48	17.9
		144	20.7	3.19	18.3	19.8	3.10	18.3	18.9	2.97	18.4	17.8	2.73	18.5	16.7	2.47	18.6
	25	48	20.7	2.77	19.7	19.8	2.69	19.9	18.9	2.58	20.1	17.8	2.38	20.4	16.7	2.15	20.7
		96	20.7	2.73	22.3	19.8	2.66	22.4	18.9	2.54	22.6	17.8	2.34	22.7	16.7	2.12	22.8
		144	20.7	2.69	23.2	19.8	2.61	23.3	18.9	2.50	23.4	17.8	2.30	23.5	16.7	2.08	23.5
	30	48	20.7	2.31	24.5	19.8	2.24	24.8	18.9	2.14	25.0	17.8	1.97	25.3	16.7	1.79	25.5
		96	20.7	2.27	27.2	19.8	2.21	27.4	18.9	2.11	27.5	17.8	1.95	27.6	16.7	1.76	27.8
		144	20.7	2.25	28.2	19.8	2.18	28.2	18.9	2.09	28.3	17.8	1.93	28.4	16.7	1.74	28.5
	35	48	20.7	2.09	29.5	19.8	2.03	29.7	18.9	1.95	29.9	17.8	1.80	30.2	16.7	1.62	30.5
		96	20.7	2.09	32.2	19.8	2.03	32.4	18.9	1.94	32.5	17.8	1.79	32.6	16.7	1.62	32.7
		144	20.7	2.05	33.1	19.8	1.99	33.2	18.9	1.91	33.3	17.8	1.76	33.4	16.7	1.59	33.5
	40	48	20.7	1.88	34.4	19.8	1.83	34.6	18.9	1.75	34.9	17.8	1.61	35.2	16.7	1.46	35.4
		96	20.7	1.88	37.2	19.8	1.83	37.3	18.9	1.75	37.4	17.8	1.61	37.6	16.7	1.46	37.7
		144	20.7	1.85	38.1	19.8	1.79	38.2	18.9	1.71	38.3	17.8	1.58	38.4	16.7	1.43	38.5
	45	48	20.7	1.60	39.3	19.8	1.55	39.6	18.9	1.48	39.8	17.8	1.37	40.1	16.7	1.24	40.4
		96	20.7	1.59	42.1	19.8	1.55	42.3	18.9	1.48	42.4	17.8	1.37	42.5	16.7	1.23	42.7
		144	20.7	1.57	43.1	19.8	1.52	43.2	18.9	1.45	43.3	17.8	1.34	43.4	16.7	1.21	43.5
50	10	48	15.7	3.25	6.3	15.0	3.16	6.5	14.3	3.02	6.6	13.5	2.78	6.8	12.7	2.51	7.0
		96	15.8	3.22	8.1	15.1	3.12	8.2	14.3	2.99	8.3	13.5	2.76	8.4	12.7	2.49	8.5
		144	16.7	3.20	8.7	16.0	3.10	8.7	15.2	2.97	8.8	14.4	2.74	8.8	13.5	2.48	8.9
	15	48	17.3	2.84	10.7	16.5	2.76	10.9	15.7	2.63	11.1	14.9	2.43	11.3	14.0	2.20	11.5
		96	17.3	2.81	12.8	16.5	2.72	12.9	15.7	2.61	13.0	14.9	2.41	13.1	14.0	2.17	13.2
		144	17.3	2.80	13.6	16.5	2.72	13.6	15.7	2.60	13.7	14.9	2.40	13.8	14.0	2.16	13.8
	20	48	17.3	2.50	15.6	16.5	2.43	15.8	15.7	2.32	16.0	14.9	2.14	16.2	14.0	1.94	16.4
		96	17.3	2.48	17.8	16.5	2.40	17.9	15.7	2.30	18.0	14.9	2.12	18.1	14.0	1.91	18.2
		144	17.3	2.46	18.5	16.5	2.39	18.6	15.7	2.29	18.7	14.9	2.11	18.7	14.0	1.91	18.8
	25	48	17.3	2.13	20.5	16.5	2.07	20.7	15.7	1.98	20.9	14.9	1.82	21.1	14.0	1.65	21.3
		96	17.3	2.08	22.7	16.5	2.02	22.8	15.7	1.93	22.9	14.9	1.79	23.0	14.0	1.61	23.2
		144	17.3	2.09	23.5	16.5	2.03	23.6	15.7	1.94	23.6	14.9	1.79	23.7	14.0	1.62	23.8
	30	48	17.3	1.79	25.4	16.5	1.74	25.6	15.7	1.66	25.8	14.9	1.53	26.0	14.0	1.39	26.2
		96	17.3	1.75	27.7	16.5	1.70	27.8	15.7	1.63	27.9	14.9	1.50	28.0	14.0	1.36	28.1
		144	17.3	1.74	28.5	16.5	1.69	28.5	15.7	1.62	28.6	14.9	1.49	28.7	14.0	1.35	28.7
	35	48	17.3	1.63	30.3	16.5	1.58	30.5	15.7	1.51	30.8	14.9	1.39	31.0	14.0	1.26	31.2
		96	17.3	1.59	32.7	16.5	1.54	32.8	15.7	1.48	32.9	14.9	1.37	33.0	14.0	1.23	33.1
		144	17.3	1.57	33.4	16.5	1.53	33.5	15.7	1.46	33.6	14.9	1.35	33.7	14.0	1.22	33.7
	40	48	17.3	1.46	35.3	16.5	1.42	35.5	15.7	1.36	35.7	14.9	1.25	35.9	14.0	1.13	36.2
		96	17.3	1.43	37.6	16.5	1.39	37.7	15.7	1.33	37.9	14.9	1.23	38.0	14.0	1.11	38.1
		144	17.3	1.41	38.4	16.5	1.37	38.5	15.7	1.31	38.6	14.9	1.21	38.6	14.0	1.09	38.7
	45	48	17.3	1.24	40.2	16.5	1.20	40.4	15.7	1.15	40.7	14.9	1.06	40.9	14.0	0.96	41.1
		96	17.3	1.22	42.6	16.5	1.18	42.7	15.7	1.13	42.8	14.9	1.04	42.9	14.0	0.94	43.1
		144	17.3	1.20	43.4	16.5	1.16	43.5	15.7	1.11	43.5	14.9	1.03	43.6	14.0	0.93	43.7

1-3. AM120FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	57	33.7	2.46	19.1	36.9	2.92	20.0	39.8	3.19	20.8	42.7	3.40	21.6	43.8	3.43	21.9
		114	33.7	2.40	14.5	36.9	2.83	15.0	39.8	3.15	15.4	42.7	3.32	15.8	43.9	3.38	15.9
		171	33.7	2.37	13.0	36.9	2.78	13.3	39.8	3.06	13.6	42.6	3.22	13.8	43.8	3.30	14.0
	15	57	33.1	3.16	24.1	36.4	3.74	25.1	39.2	4.16	25.9	41.9	4.35	26.6	43.1	4.45	27.0
		114	33.1	3.11	19.6	36.4	3.66	20.0	39.2	4.09	20.4	42.0	4.30	20.8	43.1	4.39	21.0
		171	33.1	3.02	18.0	36.4	3.58	18.4	39.2	3.96	18.6	42.0	4.16	18.9	43.1	4.27	19.0
	20	57	32.6	3.77	29.1	35.9	4.41	30.1	38.7	4.93	31.0	41.4	5.17	31.7	42.5	5.27	32.0
		114	32.6	3.70	24.6	35.9	4.33	25.1	38.7	4.85	25.5	41.4	5.09	25.8	42.5	5.20	26.0
		171	32.6	3.57	23.0	35.9	4.21	23.4	38.7	4.70	23.6	41.4	4.91	23.9	42.6	5.05	24.0
	25	57	32.6	4.73	34.4	35.9	5.57	35.4	38.8	6.21	36.3	41.3	6.51	37.0	42.5	6.64	37.3
		114	32.6	4.67	29.7	35.9	5.47	30.2	38.8	6.09	30.6	41.3	6.43	31.0	42.5	6.54	31.2
		171	32.6	4.50	28.1	35.9	5.33	28.5	38.7	5.93	28.7	41.4	6.22	29.0	42.6	6.40	29.1
	30	57	32.7	5.55	39.6	35.9	6.51	40.7	38.8	7.28	41.6	41.4	7.62	42.3	42.6	7.78	42.7
		114	32.7	5.46	34.8	35.9	6.42	35.3	38.8	7.17	35.8	41.3	7.53	36.1	42.6	7.66	36.3
		171	32.6	5.28	33.2	35.9	6.21	33.5	38.7	6.94	33.8	41.4	7.26	34.1	42.5	7.47	34.2
	35	57	30.8	5.77	44.2	34.0	6.81	45.3	36.6	7.60	46.1	39.3	7.95	46.9	40.2	8.08	47.1
		114	30.9	5.65	39.6	34.1	6.68	40.1	36.6	7.45	40.5	39.3	7.84	40.9	40.1	8.00	41.0
		171	30.8	5.52	38.0	34.0	6.48	38.4	36.6	7.19	38.7	39.3	7.59	38.9	40.2	7.79	39.0
	40	57	25.7	6.02	48.0	28.3	7.09	48.9	30.5	7.88	49.7	32.7	8.28	50.3	33.6	8.46	50.6
		114	26.0	5.91	44.0	28.6	6.97	44.5	30.8	7.75	44.8	32.9	8.13	45.2	33.9	8.33	45.3
		171	26.3	5.73	42.7	29.0	6.74	43.0	31.2	7.53	43.3	33.4	7.89	43.5	34.4	8.11	43.6
	45	57	21.5	6.22	52.0	23.6	7.31	52.8	25.4	8.14	53.4	27.1	8.56	54.0	27.9	8.70	54.2
		114	21.6	6.11	48.5	23.7	7.20	48.9	25.5	8.02	49.2	27.4	8.42	49.5	28.1	8.61	49.6
		171	21.9	5.91	47.3	24.1	6.95	47.6	25.9	7.77	47.8	27.8	8.15	48.0	28.5	8.41	48.1
120	10	57	31.9	2.33	18.6	35.1	2.76	19.5	37.8	3.03	20.3	40.4	3.21	21.0	41.4	3.24	21.2
		114	31.9	2.29	14.3	35.0	2.71	14.7	37.8	2.98	15.1	40.4	3.13	15.5	41.4	3.21	15.6
		171	31.9	2.20	12.9	35.0	2.64	13.2	37.8	2.88	13.4	40.4	3.05	13.6	41.5	3.16	13.7
	15	57	31.5	3.03	23.7	34.5	3.57	24.6	37.4	3.98	25.4	40.0	4.17	26.1	41.0	4.24	26.4
		114	31.5	2.98	19.3	34.6	3.51	19.8	37.3	3.91	20.2	39.9	4.10	20.5	41.0	4.18	20.7
		171	31.6	2.88	17.9	34.6	3.42	18.2	37.3	3.78	18.4	39.9	3.98	18.7	41.0	4.09	18.8
	20	57	31.2	3.62	28.8	34.2	4.25	29.7	36.9	4.73	30.5	39.6	4.98	31.2	40.6	5.06	31.5
		114	31.2	3.54	24.4	34.2	4.16	24.8	36.9	4.66	25.2	39.6	4.90	25.6	40.6	4.98	25.7
		171	31.2	3.44	22.9	34.2	4.05	23.2	36.9	4.52	23.5	39.6	4.73	23.7	40.6	4.87	23.8
	25	57	31.2	4.54	34.0	34.2	5.34	34.9	36.9	5.94	35.8	39.6	6.25	36.5	40.6	6.36	36.8
		114	31.2	4.46	29.5	34.2	5.25	30.0	37.0	5.85	30.4	39.5	6.14	30.7	40.6	6.26	30.9
		171	31.2	4.30	28.0	34.2	5.10	28.3	36.9	5.68	28.6	39.6	5.96	28.8	40.6	6.10	28.9
	30	57	31.2	5.36	39.2	34.2	6.31	40.2	37.0	7.02	41.1	39.5	7.38	41.8	40.6	7.52	42.1
		114	31.2	5.27	34.6	34.3	6.20	35.1	37.0	6.93	35.5	39.6	7.26	35.9	40.6	7.40	36.0
		171	31.2	5.08	33.0	34.3	5.99	33.4	36.9	6.70	33.7	39.6	7.03	33.9	40.5	7.19	34.0
	35	57	30.0	5.65	44.0	32.9	6.68	45.0	35.6	7.45	45.8	38.0	7.77	46.5	39.1	7.93	46.8
		114	29.9	5.55	39.5	33.0	6.54	40.0	35.6	7.30	40.4	38.0	7.67	40.7	39.1	7.83	40.9
		171	29.9	5.39	38.0	33.0	6.35	38.3	35.6	7.05	38.6	38.0	7.43	38.8	39.0	7.62	38.9
	40	57	25.5	6.00	47.9	28.0	7.07	48.8	30.3	7.87	49.6	32.4	8.24	50.2	33.2	8.42	50.5
		114	25.8	5.90	44.0	28.4	6.96	44.4	30.5	7.73	44.8	32.5	8.13	45.1	33.5	8.30	45.3
		171	26.1	5.72	42.7	28.7	6.75	43.0	31.0	7.51	43.2	33.1	7.91	43.4	34.1	8.09	43.5
	45	57	21.7	6.31	52.0	24.0	7.43	52.9	25.9	8.28	53.6	27.6	8.69	54.1	28.3	8.86	54.3
		114	21.8	6.22	48.5	24.2	7.32	49.0	26.0	8.15	49.3	27.8	8.55	49.6	28.5	8.73	49.7
		171	22.1	5.99	47.4	24.6	7.08	47.7	26.5	7.90	47.9	28.2	8.30	48.1	28.9	8.47	48.1
110	10	57	30.1	2.18	18.1	33.0	2.61	19.0	35.6	2.85	19.7	38.1	3.03	20.4	39.0	3.05	20.6
		114	30.2	2.15	14.1	33.0	2.54	14.5	35.7	2.81	14.8	38.1	2.98	15.2	39.0	3.00	15.3
		171	30.1	2.09	12.7	33.0	2.47	13.0	35.6	2.76	13.2	38.1	2.88	13.4	39.0	2.96	13.5
	15	57	29.9	2.89	23.2	32.8	3.41	24.1	35.4	3.80	24.9	37.9	3.97	25.5	38.9	4.06	25.8
		114	29.9	2.84	19.1	32.8	3.33	19.5	35.4	3.74	19.9	37.9	3.93	20.3	38.9	3.99	20.4
		171	29.9	2.75	17.7	32.8	3.25	18.0	35.4	3.63	18.3	37.9	3.80	18.5	38.9	3.89	18.6
	20	57	29.8	3.48	28.4	32.7	4.08	29.2	35.3	4.54	30.0	37.7	4.77	30.7	38.7	4.85	31.0
		114	29.8	3.40	24.2	32.6	4.00	24.6	35.3	4.47	25.0	37.6	4.70	25.3	38.7	4.78	25.5
		171	29.8	3.31	22.8	32.7	3.89	23.1	35.2	4.34	23.3	37.7	4.55	23.5	38.7	4.65	23.6
	25	57	29.8	4.35	33.6	32.6	5.10	34.5	35.3	5.69	35.3	37.6	5.97	36.0	38.7	6.08	36.3
		114	29.8	4.28	29.3	32.7	5.03	29.7	35.2	5.59	30.1	37.7	5.88	30.5	38.7	5.97	30.6
		171	29.7	4.12	27.8	32.6	4.87	28.1	35.2	5.43	28.4	37.7	5.70	28.6	38.7	5.82	28.7
	30	57	29.8	5.17	38.8	32.6	6.06	39.7	35.3	6.78	40.6	37.7	7.10	41.3	38.7	7.24	41.5
		114	29.8	5.08	34.4	32.6	5.98	34.9	35.2	6.68	35.3	37.6	6.99	35.6	38.7	7.12	35.8
		171	29.8	4.90	32.9	32.6	5.79	33.2	35.3	6.45	33.5	37.7	6.77	33.7	38.7	6.91	33.8
	35	57	29.0	5.52	43.7	32.1	6.51	44.7	34.5	7.27	45.5	37.0	7.61	46.2	37.9	7.76	46.5
		114	29.1	5.43	39.3	32.1	6.40	39.8	34.4	7.13	40.2	37.0	7.50	40.6	38.0	7.64	40.7
		171	29.1	5.26	37.9	32.1	6.20	38.2	34.5	6.88	38.5	37.0	7.27	38.7	37.8	7.42	38.8
	40	57	25.3	6.01	47.9	27.8	7.07	48.8	29.9	7.85	49.5	32.1	8.25	50.2	33.1	8.43	50.4
		114	25.5	5.89	43.9	28.1	6.96	44.4	30.2	7.73	44.8	32.3	8.10	45.1	33.2	8.28	45.2
		171	25.8	5.71	42.6	28.5	6.74	43.0	30.6	7.49	43.2	32.8	7.88	43.4	33.8	8.03	43.5
	45	57	22.1	6.43	52.2	24.4	7.54	53.0	26.2	8.41	53.7	28.2	8.83	54.3	28.9	8.99	54.5
		114	22.3	6.31	48.6	24.5	7.43	49.0	26.4	8.28	49.4	28.4	8.70	49.7	29.2	8.85	49.8
		171	22.6	6.07	47.4	24.9	7.20	47.7	26.8	8.03	47.9	28.8	8.43	48.1	29.5	8.60	48.2

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	57	28.3	2.08	17.6	31.2	2.44	18.5	33.6	2.72	19.1	36.0	2.86	19.8	36.9	2.90	20.0
		114	28.3	2.04	13.8	31.2	2.40	14.2	33.6	2.67	14.6	36.0	2.81	14.9	36.9	2.86	15.0
		171	28.3	1.98	12.5	31.2	2.32	12.8	33.6	2.59	13.0	36.0	2.72	13.2	36.9	2.77	13.3
	15	57	28.3	2.77	22.8	31.2	3.26	23.7	33.6	3.63	24.4	36.0	3.80	25.0	36.9	3.88	25.3
		114	28.3	2.72	18.9	31.2	3.21	19.3	33.6	3.57	19.7	36.0	3.75	20.0	36.9	3.81	20.1
		171	28.3	2.63	17.6	31.2	3.11	17.9	33.6	3.46	18.1	36.0	3.63	18.3	36.9	3.69	18.4
	20	57	28.3	3.34	28.0	31.2	3.93	28.8	33.6	4.37	29.5	36.0	4.59	30.2	36.9	4.67	30.5
		114	28.3	3.28	24.0	31.2	3.85	24.4	33.6	4.29	24.8	36.0	4.51	25.1	36.9	4.60	25.2
		171	28.3	3.18	22.6	31.2	3.74	22.9	33.6	4.16	23.2	36.0	4.37	23.4	36.9	4.45	23.5
	25	57	28.3	4.15	33.2	31.2	4.89	34.1	33.6	5.45	34.8	36.0	5.71	35.5	36.9	5.83	35.7
		114	28.3	4.09	29.1	31.2	4.80	29.5	33.6	5.35	29.9	36.0	5.63	30.2	36.9	5.73	30.4
		171	28.3	3.96	27.7	31.2	4.66	28.0	33.6	5.20	28.3	36.0	5.45	28.5	36.9	5.55	28.6
	30	57	28.3	5.00	38.4	31.2	5.87	39.3	33.6	6.55	40.1	36.0	6.87	40.8	36.9	7.00	41.0
		114	28.3	4.90	34.2	31.2	5.78	34.6	33.6	6.46	35.0	36.0	6.76	35.4	36.9	6.88	35.5
		171	28.3	4.75	32.8	31.2	5.59	33.1	33.6	6.24	33.3	36.0	6.54	33.6	36.9	6.66	33.7
	35	57	28.3	5.42	43.5	31.2	6.40	44.5	33.6	7.13	45.2	36.0	7.47	45.9	36.9	7.61	46.2
		114	28.3	5.33	39.2	31.2	6.27	39.7	33.6	6.99	40.1	36.0	7.35	40.5	36.9	7.49	40.6
		171	28.3	5.17	37.8	31.2	6.09	38.1	33.6	6.77	38.4	36.0	7.12	38.6	36.9	7.26	38.7
	40	57	25.1	6.01	47.8	27.7	7.08	48.7	29.8	7.88	49.5	32.0	8.26	50.1	32.8	8.42	50.4
		114	25.3	5.91	43.9	28.0	6.96	44.4	30.0	7.74	44.7	32.2	8.12	45.1	33.0	8.28	45.2
		171	25.7	5.73	42.6	28.3	6.75	42.9	30.5	7.51	43.2	32.7	7.89	43.4	33.5	8.02	43.5
	45	57	22.6	6.55	52.3	24.9	7.69	53.2	26.8	8.58	53.9	28.7	9.02	54.5	29.4	9.16	54.7
		114	22.7	6.44	48.7	25.1	7.57	49.1	26.9	8.44	49.4	28.9	8.84	49.7	29.7	9.02	49.9
		171	23.0	6.22	47.5	25.5	7.35	47.8	27.4	8.18	48.0	29.4	8.57	48.2	30.1	8.74	48.3
90	10	57	25.4	1.96	16.9	28.1	2.31	17.6	30.2	2.57	18.2	32.3	2.70	18.8	33.2	2.75	19.0
		114	25.4	1.92	13.4	28.1	2.26	13.8	30.2	2.52	14.1	32.3	2.65	14.4	33.2	2.70	14.5
		171	25.4	1.88	12.3	28.1	2.21	12.5	30.2	2.46	12.7	32.3	2.58	12.9	33.2	2.63	13.0
	15	57	25.4	2.62	22.0	28.1	3.08	22.8	30.2	3.44	23.5	32.3	3.60	24.0	33.2	3.67	24.3
		114	25.4	2.57	18.5	28.1	3.02	18.9	30.2	3.36	19.2	32.3	3.54	19.5	33.2	3.60	19.6
		171	25.4	2.50	17.3	28.1	2.94	17.6	30.2	3.28	17.8	32.3	3.44	18.0	33.2	3.50	18.1
	20	57	25.4	3.16	27.2	28.1	3.72	28.0	30.2	4.14	28.6	32.3	4.35	29.2	33.2	4.42	29.5
		114	25.4	3.10	23.6	28.1	3.64	24.0	30.2	4.06	24.3	32.3	4.26	24.6	33.2	4.34	24.7
		171	25.4	3.02	22.4	28.1	3.55	22.7	30.2	3.96	22.9	32.3	4.15	23.1	33.2	4.23	23.1
	25	57	25.4	3.95	32.4	28.1	4.65	33.2	30.2	5.18	33.9	32.3	5.44	34.5	33.2	5.54	34.7
		114	25.4	3.88	28.7	28.1	4.56	29.1	30.2	5.08	29.4	32.3	5.33	29.7	33.2	5.44	29.9
		171	25.4	3.74	27.4	28.1	4.41	27.7	30.2	4.91	27.9	32.3	5.16	28.1	33.2	5.25	28.2
	30	57	25.4	4.74	37.6	28.1	5.58	38.5	30.2	6.20	39.2	32.3	6.52	39.8	33.2	6.64	40.0
		114	25.4	4.65	33.8	28.1	5.46	34.2	30.2	6.09	34.6	32.3	6.39	34.9	33.2	6.50	35.0
		171	25.4	4.53	32.5	28.1	5.32	32.8	30.2	5.93	33.0	32.3	6.23	33.2	33.2	6.34	33.3
	35	57	25.4	5.13	42.7	28.1	6.04	43.6	30.2	6.74	44.3	32.3	7.06	44.9	33.2	7.19	45.2
		114	25.4	5.03	38.8	28.1	5.94	39.3	30.2	6.62	39.6	32.3	6.94	39.9	33.2	7.08	40.1
		171	25.4	4.91	37.5	28.1	5.79	37.8	30.2	6.45	38.1	32.3	6.76	38.3	33.2	6.89	38.4
	40	57	22.6	5.68	47.1	24.9	6.70	48.0	26.8	7.47	48.6	28.8	7.83	49.2	29.5	7.99	49.4
		114	22.8	5.58	43.6	25.1	6.57	44.0	27.0	7.33	44.3	29.0	7.68	44.6	29.7	7.82	44.7
		171	23.1	5.45	42.4	25.5	6.42	42.7	27.4	7.14	42.9	29.4	7.49	43.1	30.1	7.63	43.2
	45	57	20.3	6.20	51.7	22.4	7.30	52.5	24.1	8.12	53.1	25.8	8.52	53.6	26.5	8.69	53.8
		114	20.5	6.07	48.3	22.6	7.16	48.7	24.3	7.98	49.1	26.0	8.37	49.3	26.7	8.53	49.4
		171	25.4	1.97	47.3	22.9	6.98	47.5	24.6	7.77	47.7	26.4	8.15	47.9	27.0	8.31	48.0
80	10	57	22.6	1.71	16.1	24.9	2.05	16.8	26.8	2.29	17.3	28.8	2.40	17.8	29.5	2.44	18.0
		114	22.6	1.66	13.0	24.9	2.02	13.4	26.8	2.24	13.7	28.8	2.36	13.9	29.5	2.40	14.0
		171	22.6	2.35	12.1	24.9	1.98	12.3	26.8	2.20	12.4	28.8	2.31	12.6	29.5	2.35	12.7
	15	57	22.6	2.29	21.2	24.9	2.74	22.0	26.8	3.05	22.5	28.8	3.20	23.0	29.5	3.26	23.2
		114	22.6	2.22	18.1	24.9	2.69	18.5	26.8	3.00	18.7	28.8	3.14	19.0	29.5	3.21	19.1
		171	22.6	2.83	17.1	24.9	2.63	17.3	26.8	2.93	17.5	28.8	3.08	17.7	29.5	3.13	17.7
	20	57	22.6	2.76	26.4	24.9	3.30	27.1	26.8	3.68	27.7	28.8	3.86	28.2	29.5	3.94	28.4
		114	22.6	2.67	23.2	24.9	3.24	23.5	26.8	3.62	23.8	28.8	3.79	24.1	29.5	3.86	24.2
		171	22.6	3.53	22.2	24.9	3.18	22.4	26.8	3.53	22.5	28.8	3.71	22.7	29.5	3.78	22.8
	25	57	22.6	3.47	31.5	24.9	4.15	32.3	26.8	4.63	32.9	28.8	4.85	33.5	29.5	4.95	33.7
		114	22.6	3.35	28.3	24.9	4.07	28.6	26.8	4.53	28.9	28.8	4.76	29.2	29.5	4.84	29.3
		171	22.6	4.22	27.2	24.9	3.94	27.4	26.8	4.39	27.6	28.8	4.60	27.8	29.5	4.70	27.9
	30	57	22.5	4.13	36.7	24.9	4.95	37.5	26.8	5.51	38.1	28.8	5.78	38.7	29.5	5.90	38.9
		114	22.6	4.02	33.3	24.9	4.88	33.7	26.8	5.44	34.1	28.8	5.71	34.3	29.5	5.82	34.4
		171	22.6	4.60	32.3	24.9	4.74	32.5	26.8	5.28	32.7	28.8	5.54	32.9	29.5	5.65	32.9
	35	57	22.6	4.51	41.8	24.9	5.40	42.6	26.8	6.01	43.3	28.8	6.32	43.8	29.5	6.43	44.0
		114	22.6	4.38	38.4	24.9	5.33	38.8	26.8	5.95	39.1	28.8	6.22	39.4	29.5	6.35	39.5
		171	20.1	5.07	37.1	24.9	5.13	37.5	26.8	5.72	37.7	28.8	6.00	37.9	29.5	6.12	38.0
	40	57	20.3	4.99	46.4	22.1	5.99	47.1	23.8	6.66	47.7	25.6	6.98	48.2	26.2	7.14	48.4
		114	20.6	4.87	43.2	22.3	5.90	43.5	24.0	6.58	43.8	25.8	6.90	44.1	26.4	7.03	44.2
		171	18.1	5.52	42.0	22.7	5.69	42.4	24.4	6.34	42.6	26.1	6.66	42.7	26.8	6.77	42.8
	45	57	18.2	5.44	50.9	19.9	6.51	51.6	21.4	7.25	52.2	22.9	7.61	52.7	23.5	7.76	52.9
		114	18.4	5.30	48.0	20.0	6.42	48.3	21.6	7.16	48.6	23.2	7.51	48.9	23.7	7.66	48.9
		171	20.3	1.66	46.8	20.4	6.19	47.2	21.9	6.91	47.4	23.5	7.23	47.6	24.1	7.37	47.6

1-3. AM120FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	57	19.8	1.44	15.3	21.8	1.70	15.9	23.4	1.90	16.4	25.1	1.99	16.8	25.8	2.03	17.0
		114	19.8	1.43	12.7	21.8	1.68	12.9	23.4	1.87	13.2	25.1	1.96	13.4	25.8	2.00	13.5
		171	19.8	1.38	11.8	21.8	1.62	12.0	23.4	1.81	12.1	25.1	1.90	12.3	25.8	1.93	12.3
	15	57	19.8	1.93	20.5	21.8	2.27	21.1	23.4	2.53	21.5	25.1	2.66	22.0	25.8	2.70	22.2
		114	19.8	1.91	17.7	21.8	2.24	18.0	23.4	2.50	18.3	25.1	2.62	18.5	25.8	2.67	18.6
		171	19.8	1.84	16.8	21.8	2.17	17.0	23.4	2.41	17.2	25.1	2.53	17.3	25.8	2.57	17.4
	20	57	19.8	2.32	25.6	21.8	2.74	26.2	23.4	3.05	26.7	25.1	3.19	27.1	25.8	3.26	27.3
		114	19.8	2.29	22.8	21.8	2.70	23.1	23.4	3.01	23.3	25.1	3.16	23.6	25.8	3.22	23.6
		171	19.8	2.21	21.8	21.8	2.61	22.0	23.4	2.91	22.2	25.1	3.05	22.4	25.8	3.10	22.4
	25	57	19.8	2.91	30.7	21.8	3.43	31.4	23.4	3.82	31.8	25.1	4.00	32.3	25.8	4.07	32.5
		114	19.8	2.86	27.8	21.8	3.37	28.2	23.4	3.76	28.4	25.1	3.94	28.7	25.8	4.01	28.7
		171	19.8	2.77	26.9	21.8	3.26	27.1	23.4	3.63	27.3	25.1	3.82	27.4	25.8	3.88	27.5
	30	57	19.8	3.49	35.9	21.8	4.11	36.5	23.4	4.58	37.0	25.1	4.80	37.5	25.8	4.89	37.7
		114	19.8	3.43	32.9	21.8	4.04	33.3	23.4	4.50	33.5	25.1	4.73	33.8	25.8	4.82	33.8
		171	19.8	3.34	31.9	21.8	3.92	32.2	23.4	4.37	32.3	25.1	4.59	32.5	25.8	4.68	32.6
	35	57	19.8	3.82	40.9	21.8	4.51	41.6	23.4	5.02	42.1	25.1	5.27	42.6	25.8	5.37	42.8
		114	19.8	3.73	38.0	21.8	4.39	38.3	23.4	4.89	38.6	25.1	5.13	38.8	25.8	5.23	38.9
		171	19.8	3.63	37.0	21.8	4.28	37.2	23.4	4.77	37.4	25.1	4.99	37.5	25.8	5.08	37.6
	40	57	17.6	4.24	45.5	19.4	4.99	46.1	20.8	5.55	46.6	22.4	5.83	47.1	22.9	5.94	47.3
		114	17.7	4.12	42.7	19.6	4.86	43.1	21.0	5.41	43.3	22.5	5.69	43.5	23.1	5.79	43.6
		171	18.0	4.01	41.8	19.9	4.74	42.1	21.3	5.28	42.2	22.8	5.53	42.4	23.5	5.65	42.4
	45	57	15.8	4.62	50.1	17.4	5.43	50.8	18.7	6.06	51.2	20.1	6.34	51.6	20.6	6.46	51.8
		114	15.9	4.49	47.6	17.5	5.29	47.9	18.9	5.89	48.1	20.3	6.18	48.3	20.7	6.29	48.4
		171	16.1	4.37	46.7	17.8	5.15	46.9	19.2	5.74	47.1	20.5	6.02	47.2	21.1	6.13	47.3
60	10	57	16.9	1.19	14.5	18.7	1.40	15.1	20.1	1.57	15.4	21.6	1.64	15.8	22.1	1.68	16.0
		114	16.9	1.16	12.3	18.7	1.37	12.5	20.1	1.52	12.7	21.6	1.60	12.9	22.1	1.63	13.0
		171	16.9	1.14	11.5	18.7	1.34	11.7	20.1	1.49	11.8	21.6	1.56	11.9	22.1	1.59	12.0
	15	57	16.9	1.59	19.6	18.7	1.87	20.2	20.1	2.09	20.6	21.6	2.19	21.0	22.1	2.24	21.1
		114	16.9	1.55	17.3	18.7	1.82	17.6	20.1	2.04	17.8	21.6	2.13	18.0	22.1	2.17	18.1
		171	16.9	1.52	16.5	18.7	1.79	16.7	20.1	1.99	16.9	21.6	2.09	17.0	22.1	2.13	17.0
	20	57	16.9	1.92	24.7	18.7	2.26	25.3	20.1	2.52	25.7	21.6	2.64	26.1	22.1	2.69	26.2
		114	16.9	1.87	22.4	18.7	2.20	22.6	20.1	2.45	22.8	21.6	2.57	23.0	22.1	2.62	23.1
		171	16.9	1.83	21.6	18.7	2.16	21.7	20.1	2.40	21.9	21.6	2.52	22.0	22.1	2.57	22.1
	25	57	16.9	2.39	29.8	18.7	2.81	30.4	20.1	3.13	30.8	21.6	3.28	31.3	22.1	3.35	31.4
		114	16.9	2.34	27.4	18.7	2.75	27.7	20.1	3.07	27.9	21.6	3.22	28.1	22.1	3.28	28.2
		171	16.9	2.27	26.6	18.7	2.67	26.8	20.1	2.97	26.9	21.6	3.12	27.1	22.1	3.18	27.1
	30	57	16.9	2.86	35.0	18.7	3.36	35.5	20.1	3.74	36.0	21.6	3.92	36.4	22.1	4.00	36.6
		114	16.9	2.79	32.5	18.7	3.29	32.8	20.1	3.67	33.0	21.6	3.85	33.2	22.1	3.92	33.3
		171	16.9	2.73	31.6	18.7	3.21	31.8	20.1	3.58	32.0	21.6	3.75	32.1	22.1	3.82	32.2
	35	57	16.9	3.09	40.0	18.7	3.64	40.6	20.1	4.06	41.1	21.6	4.26	41.5	22.1	4.34	41.7
		114	16.9	3.07	37.5	18.7	3.62	37.8	20.1	4.03	38.0	21.6	4.22	38.2	22.1	4.31	38.3
		171	16.9	2.97	36.7	18.7	3.50	36.9	20.1	3.90	37.0	21.6	4.09	37.2	22.1	4.16	37.2
	40	57	15.1	3.43	44.6	16.6	4.03	45.2	17.9	4.50	45.6	19.1	4.72	46.0	19.7	4.81	46.2
		114	15.2	3.40	42.3	16.8	4.00	42.6	18.0	4.46	42.8	19.3	4.67	43.0	19.8	4.77	43.1
		171	15.4	3.29	41.6	17.0	3.88	41.7	18.3	4.31	41.9	19.6	4.52	42.0	20.1	4.61	42.1
	45	57	13.5	3.73	49.3	14.9	4.40	49.9	16.0	4.89	50.3	17.2	5.14	50.6	17.6	5.24	50.8
		114	13.6	3.70	47.2	15.0	4.35	47.4	16.2	4.86	47.6	17.4	5.10	47.8	17.8	5.18	47.9
		171	13.8	3.58	46.5	15.3	4.22	46.6	16.4	4.69	46.8	17.6	4.93	46.9	18.0	5.02	46.9
50	10	57	14.1	0.91	13.8	15.6	1.07	14.2	16.7	1.20	14.5	18.0	1.25	14.8	18.4	1.28	14.9
		114	14.1	0.89	11.9	15.6	1.05	12.1	16.7	1.18	12.2	18.0	1.23	12.4	18.4	1.26	12.5
		171	14.1	0.88	11.3	15.6	1.03	11.4	16.7	1.15	11.5	18.0	1.21	11.6	18.4	1.23	11.6
	15	57	14.1	1.21	18.9	15.6	1.43	19.3	16.7	1.59	19.6	18.0	1.67	19.9	18.4	1.70	20.1
		114	14.1	1.20	16.9	15.6	1.41	17.1	16.7	1.57	17.3	18.0	1.65	17.5	18.4	1.68	17.5
		171	14.1	1.17	16.3	15.6	1.38	16.4	16.7	1.54	16.5	18.0	1.61	16.6	18.4	1.64	16.7
	20	57	14.1	1.46	23.9	15.6	1.72	24.3	16.7	1.92	24.7	18.0	2.02	25.0	18.4	2.06	25.1
		114	14.1	1.44	22.0	15.6	1.70	22.2	16.7	1.89	22.3	18.0	1.98	22.5	18.4	2.02	22.6
		171	14.1	1.41	21.3	15.6	1.66	21.4	16.7	1.85	21.6	18.0	1.94	21.7	18.4	1.98	21.7
	25	57	14.1	1.84	29.0	15.6	2.16	29.5	16.7	2.41	29.8	18.0	2.53	30.2	18.4	2.57	30.3
		114	14.1	1.78	27.0	15.6	2.09	27.2	16.7	2.33	27.4	18.0	2.45	27.6	18.4	2.49	27.6
		171	14.1	1.76	26.3	15.6	2.08	26.5	16.7	2.31	26.6	18.0	2.43	26.7	18.4	2.47	26.8
	30	57	14.1	2.21	34.1	15.6	2.61	34.6	16.7	2.91	34.9	18.0	3.05	35.3	18.4	3.10	35.4
		114	14.1	2.15	32.0	15.6	2.54	32.3	16.7	2.82	32.5	18.0	2.96	32.6	18.4	3.02	32.7
		171	14.1	2.11	31.4	15.6	2.48	31.5	16.7	2.77	31.6	18.0	2.90	31.8	18.4	2.96	31.8
	35	57	14.1	2.40	39.2	15.6	2.83	39.6	16.7	3.15	40.0	18.0	3.30	40.4	18.4	3.37	40.5
		114	14.1	2.34	37.1	15.6	2.75	37.3	16.7	3.06	37.5	18.0	3.22	37.7	18.4	3.28	37.7
		171	14.1	2.27	36.4	15.6	2.67	36.5	16.7	2.98	36.6	18.0	3.13	36.8	18.4	3.18	36.8
	40	57	12.6	2.66	43.8	13.8	3.13	44.3	14.9	3.49	44.6	16.0	3.67	44.9	16.4	3.74	45.1
		114	12.7	2.59	41.9	14.0	3.05	42.1	15.0	3.40	42.3	16.1	3.56	42.5	16.5	3.63	42.5
		171	12.8	2.52	41.3	14.2	2.97	41.4	15.2	3.30	41.6	16.4	3.46	41.7	16.7	3.53	41.7
	45	57	11.3	2.90	48.6	12.4	3.42	49.0	13.4	3.80	49.3	14.3	3.98	49.6	14.7	4.06	49.7
		114	11.4	2.82	46.8	12.6	3.32	47.0	13.5	3.70	47.2	14.5	3.88	47.3	14.8	3.95	47.4
		171	11.5	2.74	46.2	12.7	3.22	46.3	13.7	3.59	46.4	14.7	3.77	46.5	15.1	3.84	46.6

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	57	43.1	9.10	1.4	42.1	8.75	1.6	40.2	8.50	2.0	37.8	7.92	2.5	36.2	7.26	2.7
		114	44.0	8.79	5.6	42.8	8.60	5.7	41.0	8.38	5.9	38.6	7.79	6.1	37.0	7.15	6.2
		171	46.4	8.85	6.9	45.5	8.63	6.9	43.9	8.31	7.0	41.4	7.76	7.2	39.6	7.23	7.3
	15	57	47.5	8.07	5.1	46.3	7.69	5.3	44.4	7.44	5.7	41.8	6.92	6.2	39.9	6.36	6.6
		114	48.7	7.52	9.8	47.5	7.48	10.0	45.9	7.32	10.2	43.2	6.77	10.4	41.2	6.19	10.6
		171	48.4	7.83	11.6	47.9	7.67	11.6	46.7	7.35	11.7	43.9	6.78	11.9	42.0	6.50	12.0
	20	57	48.8	7.64	9.6	47.8	7.34	9.8	46.1	7.02	10.2	43.4	6.43	10.7	41.3	6.10	11.1
		114	49.6	7.21	14.7	49.2	7.19	14.7	47.5	6.97	14.9	44.7	6.56	15.2	42.9	6.32	15.4
		171	49.6	7.29	16.5	48.9	7.16	16.5	48.4	7.06	16.5	45.3	6.61	16.8	43.3	6.39	16.9
	25	57	50.5	7.11	14.1	48.9	6.99	14.5	48.1	6.84	14.6	45.5	6.43	15.2	43.7	6.10	15.5
		114	49.8	6.91	19.6	49.1	7.00	19.7	48.1	6.77	19.8	45.5	6.41	20.1	43.7	6.06	20.3
		171	49.4	6.87	21.4	49.1	6.69	21.4	48.2	6.70	21.5	45.6	6.36	21.7	43.8	5.81	21.8
	30	57	49.5	6.37	19.2	49.1	6.42	19.3	48.1	6.50	19.5	45.5	5.99	20.1	43.8	5.74	20.4
		114	49.5	6.21	24.6	49.0	6.45	24.6	48.1	6.36	24.8	45.5	5.99	25.0	43.7	5.47	25.2
		171	49.5	6.16	26.4	49.0	6.10	26.4	48.1	6.21	26.5	45.5	5.71	26.7	43.7	5.60	26.8
	35	57	49.5	6.00	24.1	49.1	6.18	24.2	48.1	6.43	24.5	45.6	5.85	25.0	43.7	5.42	25.4
		114	49.5	6.02	29.5	49.0	6.28	29.6	48.0	6.30	29.8	45.6	5.87	30.0	43.7	5.39	30.2
		171	49.5	5.91	31.4	49.0	6.07	31.4	48.1	6.17	31.5	45.5	5.62	31.7	43.7	5.16	31.8
	40	57	49.4	5.59	29.0	49.1	5.79	29.1	48.1	6.21	29.5	45.6	5.72	30.0	43.7	5.29	30.3
		114	49.5	5.60	34.5	49.0	5.89	34.6	48.1	6.02	34.7	45.6	5.62	35.0	43.7	5.20	35.2
		171	49.5	5.54	36.3	49.1	5.65	36.4	48.1	6.09	36.5	45.6	5.54	36.6	43.8	5.10	36.8
	45	57	49.5	4.92	33.8	49.0	5.15	34.0	48.1	5.78	34.4	45.5	5.32	34.9	43.7	4.96	35.3
		114	49.5	4.96	39.4	49.0	5.25	39.5	48.1	5.49	39.6	45.6	5.11	39.9	43.7	4.80	40.1
		171	49.5	4.98	41.3	49.0	4.96	41.3	48.1	5.74	41.4	45.5	5.18	41.6	43.7	4.88	41.7
120	10	57	41.1	9.02	1.9	40.1	8.71	2.1	38.2	8.44	2.5	36.0	7.81	2.9	34.3	7.17	3.2
		114	41.7	8.90	5.9	40.7	8.66	6.0	38.7	8.37	6.2	36.6	7.72	6.4	34.9	7.02	6.5
		171	44.1	8.75	7.0	42.5	8.52	7.2	41.4	8.31	7.2	39.1	7.68	7.4	37.2	7.00	7.5
	15	57	45.2	7.91	5.6	43.9	7.63	5.9	42.2	7.33	6.2	39.8	6.83	6.7	37.8	6.26	7.1
		114	46.0	7.75	10.2	45.0	7.61	10.3	43.2	7.32	10.5	40.6	6.76	10.7	38.6	6.11	10.9
		171	45.8	7.64	11.8	44.6	7.44	11.9	43.7	7.35	12.0	41.1	6.79	12.1	39.1	6.16	12.2
	20	57	46.1	7.32	10.3	45.1	7.04	10.4	43.3	6.71	10.8	40.8	6.21	11.3	38.7	5.92	11.8
		114	46.6	7.11	15.0	46.1	7.06	15.1	44.2	6.79	15.3	41.7	6.32	15.5	39.7	5.95	15.8
		171	46.5	7.09	16.7	45.3	6.94	16.8	44.9	6.82	16.8	42.2	6.40	17.0	40.1	6.06	17.1
	25	57	47.5	6.72	14.8	45.8	6.48	15.1	44.6	6.32	15.4	42.2	5.92	15.9	40.4	5.60	16.3
		114	46.9	6.54	19.9	45.8	6.49	20.1	44.5	6.36	20.2	42.1	5.89	20.4	40.4	5.56	20.6
		171	46.7	6.26	21.6	45.8	6.21	21.7	44.7	6.26	21.8	42.1	5.98	22.0	40.5	5.31	22.1
	30	57	46.7	5.91	19.7	45.8	5.94	20.0	44.6	5.91	20.3	42.2	5.38	20.7	40.4	5.14	21.1
		114	46.8	5.76	24.8	45.7	5.88	25.0	44.6	5.81	25.1	42.1	5.37	25.4	40.4	4.89	25.5
		171	46.8	5.56	26.5	45.8	5.57	26.6	44.5	5.66	26.7	42.2	5.25	26.9	40.5	5.00	27.0
	35	57	46.7	5.54	24.6	45.7	5.60	24.9	44.6	5.74	25.2	42.2	5.22	25.7	40.4	4.81	26.0
		114	46.8	5.42	29.8	45.8	5.60	29.9	44.6	5.54	30.1	42.2	5.10	30.3	40.4	4.70	30.5
		171	46.8	5.23	31.5	45.7	5.44	31.6	44.6	5.57	31.7	42.2	5.03	31.9	40.4	4.62	32.0
	40	57	46.8	5.14	29.5	45.7	5.17	29.8	44.6	5.45	30.1	42.2	4.97	30.6	40.5	4.58	31.0
		114	46.7	4.94	34.7	45.7	5.14	34.9	44.6	5.23	35.1	42.1	4.87	35.3	40.4	4.48	35.5
		171	46.8	4.93	36.5	45.7	4.93	36.6	44.5	5.28	36.7	42.2	4.78	36.9	40.5	4.39	37.0
	45	57	46.7	4.54	34.4	45.8	4.51	34.6	44.5	4.92	35.0	42.2	4.49	35.5	40.4	4.17	35.9
		114	46.8	4.25	39.6	45.8	4.46	39.8	44.6	4.72	40.0	42.2	4.38	40.2	40.4	4.07	40.4
		171	46.8	4.44	41.4	45.7	4.25	41.5	44.6	4.80	41.7	42.2	4.31	41.8	40.4	4.02	41.9
110	10	57	39.4	9.11	2.4	38.1	8.76	2.6	36.2	8.46	3.0	34.2	7.79	3.4	32.3	7.15	3.7
		114	39.6	8.94	6.1	38.4	8.67	6.3	36.6	8.37	6.5	34.6	7.73	6.6	32.7	7.02	6.8
		171	42.0	8.82	7.2	40.7	8.53	7.3	39.0	8.25	7.4	36.8	7.60	7.6	34.8	7.01	7.7
	15	57	43.2	7.96	6.1	41.8	7.70	6.4	40.0	7.38	6.8	37.8	6.83	7.2	35.6	6.27	7.6
		114	43.6	7.69	10.5	42.4	7.59	10.6	40.5	7.32	10.8	38.2	6.76	11.1	36.1	6.10	11.2
		171	43.5	7.67	12.0	42.3	7.44	12.1	40.8	7.19	12.2	38.4	6.62	12.3	36.2	6.16	12.5
	20	57	43.7	7.11	10.8	42.4	6.92	11.1	40.6	6.63	11.5	38.2	6.11	11.9	36.1	5.73	12.4
		114	44.0	6.95	15.3	42.7	6.82	15.5	41.1	6.57	15.7	38.7	6.14	15.9	36.6	5.68	16.1
		171	44.0	7.02	16.9	42.8	6.80	17.0	41.4	6.61	17.1	38.9	6.03	17.2	36.9	5.74	17.4
	25	57	44.4	6.27	15.4	42.7	6.07	15.8	41.3	5.96	16.1	39.0	5.49	16.6	37.0	5.11	17.0
		114	44.1	6.15	20.2	42.7	6.04	20.4	41.3	5.92	20.6	39.0	5.46	20.8	37.0	5.05	21.0
		171	44.0	6.26	21.8	42.6	6.05	21.9	41.3	5.80	22.0	38.9	5.55	22.2	37.0	4.83	22.3
	30	57	44.1	5.27	20.2	42.8	5.35	20.6	41.3	5.26	20.9	39.0	4.88	21.4	37.0	4.46	21.8
		114	44.1	5.22	25.1	42.7	5.31	25.3	41.3	5.16	25.5	39.0	4.84	25.7	37.0	4.29	25.9
		171	44.0	5.24	26.7	42.7	5.06	26.8	41.3	5.01	27.0	39.0	4.62	27.1	37.0	4.40	27.3
	35	57	44.1	4.90	25.2	42.7	4.90	25.5	41.3	4.98	25.9	39.0	4.50	26.3	37.0	4.11	26.7
		114	44.1	4.89	30.1	42.7	5.00	30.3	41.3	4.86	30.4	38.9	4.48	30.7	37.0	4.08	30.9
		171	44.0	4.62	31.7	42.7	4.74	31.8	41.3	4.75	31.9	38.9	4.42	32.1	37.0	4.01	32.2
	40	57	44.1	4.44	30.0	42.7	4.56	30.4	41.2	4.66	30.8	38.9	4.23	31.3	37.0	3.85	31.7
		114	44.0	4.43	35.0	42.7	4.54	35.2	41.2	4.46	35.4	39.0	4.21	35.6	37.0	3.86	35.8
		171	44.1	4.41	36.7	42.8	4.30	36.8	41.2	4.50	36.9	39.0	3.97	37.1	37.0	3.63	37.2
	45	57	44.1	3.79	34.9	42.7	4.01	35.3	41.2	4.16	35.7	38.9	3.79	36.2	37.0	3.47	36.6
		114	44.1	3.78	39.9	42.7	3.90	40.1	41.3	3.87	40.3	39.0	3.75	40.6	37.0	3.47	40.8
		171	44.1	4.03	41.6	42.7	3.67	41.7	41.3	4.09	41.9	38.9	3.39	42.0	37.0	3.10	42.2

1-3. AM120FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	57	37.7	9.18	2.8	36.0	8.89	3.2	34.3	8.52	3.5	32.4	7.86	3.8	30.4	7.10	4.1
		114	37.8	9.09	6.4	36.2	8.81	6.6	34.4	8.42	6.7	32.5	7.77	6.9	30.5	7.02	7.0
		171	40.0	8.93	7.4	38.2	8.67	7.5	36.4	8.30	7.6	34.5	7.65	7.7	32.4	6.91	7.9
	15	57	41.4	8.01	6.6	39.6	7.78	7.0	37.8	7.43	7.4	35.7	6.87	7.8	33.5	6.21	8.1
		114	41.4	7.94	10.8	39.6	7.71	11.0	37.8	7.38	11.2	35.7	6.80	11.4	33.5	6.15	11.6
		171	41.4	7.80	12.2	39.6	7.57	12.3	37.8	7.25	12.4	35.7	6.67	12.6	33.5	6.04	12.7
	20	57	41.4	7.06	11.4	39.6	6.86	11.8	37.8	6.55	12.1	35.7	6.05	12.5	33.5	5.47	13.0
		114	41.4	6.99	15.7	39.6	6.78	15.9	37.8	6.51	16.1	35.7	5.98	16.3	33.5	5.41	16.5
		171	41.4	6.86	17.1	39.6	6.67	17.2	37.8	6.37	17.4	35.7	5.88	17.5	33.5	5.32	17.6
	25	57	41.4	5.98	16.1	39.6	5.81	16.5	37.8	5.56	16.9	35.7	5.12	17.3	33.5	4.64	17.7
		114	41.4	5.93	20.5	39.6	5.74	20.7	37.8	5.50	20.9	35.7	5.07	21.1	33.5	4.58	21.4
		171	41.4	5.83	22.0	39.6	5.65	22.2	37.8	5.40	22.3	35.7	4.99	22.4	33.5	4.51	22.6
	30	57	41.4	5.01	20.8	39.6	4.86	21.3	37.8	4.65	21.7	35.7	4.29	22.1	33.5	3.87	22.5
		114	41.4	4.95	25.4	39.6	4.82	25.6	37.8	4.61	25.8	35.7	4.25	26.0	33.5	3.84	26.3
		171	41.4	4.87	26.9	39.6	4.74	27.1	37.8	4.53	27.2	35.7	4.17	27.4	33.5	3.77	27.5
	35	57	41.4	4.55	25.7	39.6	4.41	26.2	37.8	4.22	26.6	35.7	3.90	27.0	33.5	3.52	27.5
		114	41.4	4.51	30.4	39.6	4.37	30.6	37.8	4.18	30.8	35.7	3.85	31.0	33.5	3.49	31.2
		171	41.4	4.43	31.9	39.6	4.29	32.0	37.8	4.12	32.2	35.7	3.80	32.3	33.5	3.43	32.5
	40	57	41.4	4.10	30.6	39.6	3.97	31.0	37.8	3.80	31.5	35.7	3.51	31.9	33.5	3.17	32.4
		114	41.4	4.06	35.3	39.6	3.94	35.5	37.8	3.76	35.7	35.7	3.47	35.9	33.5	3.14	36.2
		171	41.4	3.98	36.9	39.6	3.87	37.0	37.8	3.70	37.1	35.7	3.41	37.3	33.5	3.08	37.5
	45	57	41.4	3.48	35.5	39.6	3.37	35.9	37.8	3.22	36.3	35.7	2.98	36.8	33.5	2.69	37.3
		114	41.4	3.44	40.2	39.6	3.34	40.4	37.8	3.20	40.6	35.7	2.94	40.9	33.5	2.66	41.1
		171	41.4	3.38	41.8	39.6	3.28	42.0	37.8	3.14	42.1	35.7	2.90	42.3	33.5	2.62	42.4
90	10	57	33.8	8.68	3.7	32.3	8.43	4.0	30.8	8.07	4.3	29.1	7.44	4.5	27.3	6.72	4.8
		114	34.0	8.58	6.8	32.5	8.32	7.0	30.9	7.97	7.1	29.3	7.34	7.2	27.5	6.64	7.4
		171	36.0	8.48	7.7	34.4	8.24	7.8	32.8	7.88	7.9	31.0	7.27	8.0	29.2	6.56	8.1
	15	57	37.2	7.59	7.6	35.6	7.37	7.9	33.9	7.05	8.2	32.1	6.50	8.6	30.2	5.87	8.9
		114	37.2	7.50	11.3	35.6	7.26	11.4	33.9	6.95	11.6	32.1	6.41	11.8	30.2	5.80	11.9
		171	37.2	7.40	12.5	35.6	7.20	12.6	33.9	6.89	12.7	32.1	6.35	12.8	30.2	5.73	12.9
	20	57	37.2	6.69	12.3	35.6	6.48	12.7	33.9	6.20	13.0	32.1	5.72	13.4	30.2	5.17	13.7
		114	37.2	6.59	16.2	35.6	6.39	16.3	33.9	6.12	16.5	32.1	5.65	16.7	30.2	5.11	16.8
		171	37.2	6.53	17.4	35.6	6.34	17.5	33.9	6.06	17.7	32.1	5.58	17.8	30.2	5.05	17.9
	25	57	37.2	5.69	17.1	35.6	5.51	17.4	33.9	5.28	17.8	32.1	4.87	18.2	30.2	4.40	18.5
		114	37.2	5.61	21.0	35.6	5.46	21.2	33.9	5.22	21.4	32.1	4.82	21.6	30.2	4.34	21.7
		171	37.2	5.50	22.3	35.6	5.35	22.5	33.9	5.11	22.6	32.1	4.71	22.7	30.2	4.26	22.8
	30	57	37.2	4.74	21.8	35.6	4.60	22.2	33.9	4.41	22.6	32.1	4.06	22.9	30.2	3.67	23.3
		114	37.2	4.68	25.9	35.6	4.56	26.1	33.9	4.35	26.3	32.1	4.02	26.5	30.2	3.63	26.7
		171	37.2	4.63	27.3	35.6	4.51	27.4	33.9	4.31	27.5	32.1	3.97	27.6	30.2	3.59	27.8
	35	57	37.2	4.31	26.7	35.6	4.18	27.1	33.9	4.00	27.5	32.1	3.69	27.9	30.2	3.33	28.2
		114	37.2	4.26	30.9	35.6	4.13	31.0	33.9	3.96	31.2	32.1	3.65	31.4	30.2	3.29	31.6
		171	37.2	4.21	32.2	35.6	4.08	32.4	33.9	3.90	32.5	32.1	3.60	32.6	30.2	3.26	32.7
	40	57	37.2	3.87	31.6	35.6	3.76	32.0	33.9	3.60	32.4	32.1	3.32	32.8	30.2	3.00	33.2
		114	37.2	3.83	35.8	35.6	3.72	36.0	33.9	3.55	36.2	32.1	3.28	36.4	30.2	2.97	36.6
		171	37.2	3.78	37.2	35.6	3.67	37.3	33.9	3.51	37.5	32.1	3.24	37.6	30.2	2.93	37.7
	45	57	37.2	3.29	36.5	35.6	3.19	36.9	33.9	3.05	37.2	32.1	2.82	37.6	30.2	2.55	38.0
		114	37.2	3.25	40.7	35.6	3.16	40.9	33.9	3.02	41.1	32.1	2.79	41.3	30.2	2.52	41.5
		171	37.2	3.21	42.2	35.6	3.12	42.3	33.9	2.99	42.4	32.1	2.76	42.5	30.2	2.49	42.7
80	10	57	30.0	7.72	4.4	28.8	7.49	4.6	27.4	7.17	4.9	25.9	6.61	5.1	24.4	5.96	5.4
		114	30.2	7.64	7.2	28.9	7.41	7.3	27.5	7.09	7.4	26.0	6.53	7.5	24.5	5.92	7.7
		171	32.0	7.57	8.0	30.7	7.34	8.0	29.1	7.04	8.1	27.6	6.50	8.2	25.9	5.86	8.3
	15	57	33.1	6.75	8.4	31.7	6.55	8.7	30.2	6.27	9.0	28.5	5.78	9.3	26.8	5.22	9.6
		114	33.1	6.67	11.7	31.7	6.48	11.8	30.2	6.20	12.0	28.5	5.72	12.1	26.8	5.17	12.3
		171	33.1	6.63	12.8	31.7	6.43	12.9	30.2	6.15	13.0	28.5	5.67	13.1	26.8	5.12	13.2
	20	57	33.1	5.93	13.2	31.7	5.75	13.5	30.2	5.51	13.8	28.6	5.09	14.1	26.8	4.60	14.4
		114	33.1	5.88	16.6	31.7	5.70	16.7	30.2	5.46	16.9	28.5	5.04	17.0	26.8	4.55	17.2
		171	33.1	5.83	17.7	31.7	5.66	17.8	30.2	5.41	17.9	28.5	5.00	18.0	26.8	4.51	18.1
	25	57	33.1	5.09	18.0	31.7	4.94	18.3	30.2	4.72	18.6	28.5	4.36	18.9	26.8	3.94	19.3
		114	33.1	5.01	21.5	31.7	4.86	21.6	30.2	4.65	21.8	28.5	4.29	22.0	26.8	3.88	22.1
		171	33.1	4.92	22.6	31.7	4.78	22.7	30.2	4.57	22.9	28.5	4.22	23.0	26.8	3.81	23.1
	30	57	33.1	4.21	22.7	31.7	4.10	23.1	30.2	3.91	23.4	28.5	3.61	23.7	26.8	3.26	24.1
		114	33.1	4.20	26.4	31.7	4.07	26.5	30.2	3.89	26.7	28.5	3.60	26.9	26.8	3.24	27.0
		171	33.1	4.12	27.6	31.7	4.01	27.7	30.2	3.83	27.8	28.5	3.53	27.9	26.8	3.20	28.0
	35	57	33.1	3.85	27.6	31.7	3.73	28.0	30.2	3.57	28.3	28.5	3.30	28.7	26.8	2.98	29.0
		114	33.1	3.82	31.3	31.7	3.71	31.5	30.2	3.56	31.7	28.5	3.27	31.8	26.8	2.96	32.0
		171	33.1	3.73	32.5	31.7	3.62	32.6	30.2	3.47	32.8	28.5	3.20	32.9	26.8	2.89	33.0
	40	57	33.1	3.46	32.5	31.7	3.36	32.9	30.2	3.22	33.2	28.5	2.96	33.6	26.8	2.68	33.9
		114	33.1	3.44	36.3	31.7	3.34	36.4	30.2	3.19	36.6	28.5	2.95	36.8	26.8	2.67	37.0
		171	33.1	3.36	37.5	31.7	3.27	37.6	30.2	3.13	37.7	28.5	2.88	37.9	26.8	2.60	38.0
	45	57	33.1	2.94	37.4	31.7	2.86	37.7	30.2	2.73	38.1	28.5	2.52	38.5	26.8	2.27	38.8
		114	33.1	2.92	41.2	31.7	2.84	41.4	30.2	2.72	41.5	28.5	2.50	41.7	26.8	2.26	41.9
		171	33.1	2.86	42.5	31.7	2.77	42.6	30.2	2.65	42.7	28.5	2.44	42.8	26.8	2.21	42.9

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	57	26.3	6.40	5.0	25.2	6.20	5.2	24.0	5.94	5.5	22.7	5.47	5.7	21.3	4.94	5.9
		114	26.4	6.36	7.5	25.3	6.18	7.6	24.1	5.90	7.7	22.8	5.45	7.8	21.4	4.92	7.9
		171	28.0	6.21	8.2	26.8	6.04	8.3	25.5	5.78	8.4	24.1	5.33	8.4	22.6	4.82	8.5
	15	57	29.0	5.59	9.1	27.7	5.41	9.4	26.4	5.19	9.7	25.0	4.79	9.9	23.5	4.32	10.2
		114	29.0	5.56	12.1	27.7	5.40	12.2	26.4	5.16	12.3	25.0	4.77	12.5	23.5	4.30	12.6
		171	29.0	5.44	13.0	27.7	5.28	13.1	26.4	5.05	13.2	25.0	4.65	13.3	23.5	4.21	13.4
	20	57	29.0	4.92	13.9	27.7	4.78	14.2	26.4	4.57	14.5	25.0	4.22	14.8	23.5	3.80	15.0
		114	29.0	4.90	17.0	27.7	4.75	17.1	26.4	4.55	17.3	25.0	4.20	17.4	23.5	3.79	17.5
		171	29.0	4.79	18.0	27.7	4.64	18.1	26.4	4.45	18.2	25.0	4.10	18.2	23.5	3.70	18.3
	25	57	29.0	4.19	18.8	27.7	4.06	19.1	26.4	3.89	19.3	25.0	3.59	19.6	23.5	3.24	19.9
		114	29.0	4.15	21.9	27.7	4.03	22.0	26.4	3.85	22.2	25.0	3.56	22.3	23.5	3.21	22.4
		171	29.0	4.08	22.9	27.7	3.96	23.0	26.4	3.79	23.1	25.0	3.49	23.2	23.5	3.16	23.3
	30	57	29.0	3.50	23.6	27.7	3.40	23.9	26.4	3.26	24.2	25.0	3.00	24.5	23.5	2.71	24.8
		114	29.0	3.47	26.8	27.7	3.37	26.9	26.4	3.23	27.1	25.0	2.97	27.2	23.5	2.69	27.4
		171	29.0	3.42	27.9	27.7	3.31	28.0	26.4	3.17	28.1	25.0	2.93	28.1	23.5	2.65	28.3
	35	57	29.0	3.21	28.5	27.7	3.11	28.8	26.4	2.98	29.1	25.0	2.75	29.4	23.5	2.48	29.7
		114	29.0	3.15	31.7	27.7	3.05	31.9	26.4	2.92	32.0	25.0	2.70	32.2	23.5	2.43	32.4
		171	29.0	3.11	32.8	27.7	3.02	32.9	26.4	2.88	33.0	25.0	2.67	33.1	23.5	2.41	33.2
	40	57	29.0	2.88	33.4	27.7	2.80	33.7	26.4	2.68	34.0	25.0	2.47	34.3	23.5	2.23	34.7
		114	29.0	2.83	36.7	27.7	2.75	36.9	26.4	2.62	37.0	25.0	2.43	37.2	23.5	2.19	37.3
		171	29.0	2.80	37.8	27.7	2.71	37.9	26.4	2.59	38.0	25.0	2.40	38.1	23.5	2.17	38.2
	45	57	29.0	2.45	38.3	27.7	2.38	38.6	26.4	2.27	38.9	25.0	2.10	39.2	23.5	1.90	39.6
		114	29.0	2.40	41.7	27.7	2.34	41.8	26.4	2.23	42.0	25.0	2.06	42.1	23.5	1.86	42.3
		171	29.0	2.37	42.8	27.7	2.31	42.9	26.4	2.20	43.0	25.0	2.03	43.1	23.5	1.84	43.2
60	10	57	22.6	5.28	5.7	21.6	5.13	5.9	20.6	4.90	6.1	19.4	4.52	6.3	18.3	4.09	6.4
		114	22.7	5.18	7.8	21.7	5.02	7.9	20.6	4.81	8.0	19.5	4.44	8.1	18.4	4.01	8.2
		171	24.0	5.14	8.4	23.0	4.99	8.5	21.9	4.77	8.6	20.7	4.41	8.6	19.4	3.98	8.7
	15	57	24.8	4.62	9.9	23.8	4.49	10.1	22.6	4.28	10.4	21.4	3.95	10.6	20.1	3.57	10.8
		114	24.8	4.52	12.4	23.8	4.39	12.6	22.6	4.20	12.7	21.4	3.87	12.8	20.1	3.50	12.9
		171	24.8	4.49	13.3	23.8	4.37	13.4	22.6	4.17	13.5	21.4	3.85	13.5	20.1	3.47	13.6
	20	57	24.8	4.07	14.8	23.8	3.94	15.0	22.6	3.77	15.3	21.4	3.48	15.5	20.1	3.15	15.7
		114	24.8	3.98	17.4	23.8	3.86	17.5	22.6	3.70	17.6	21.4	3.41	17.7	20.1	3.08	17.9
		171	24.8	3.95	18.3	23.8	3.83	18.3	22.6	3.67	18.4	21.4	3.38	18.5	20.1	3.06	18.6
	25	57	24.8	3.44	19.6	23.8	3.34	19.9	22.6	3.19	20.1	21.4	2.94	20.4	20.1	2.66	20.6
		114	24.8	3.39	22.3	23.8	3.30	22.4	22.6	3.15	22.6	21.4	2.91	22.7	20.1	2.63	22.8
		171	24.8	3.33	23.2	23.8	3.23	23.3	22.6	3.09	23.4	21.4	2.86	23.4	20.1	2.58	23.5
	30	57	24.8	2.86	24.5	23.8	2.78	24.7	22.6	2.66	25.0	21.4	2.45	25.2	20.1	2.21	25.5
		114	24.8	2.83	27.2	23.8	2.74	27.4	22.6	2.62	27.5	21.4	2.42	27.6	20.1	2.19	27.8
		171	24.8	2.79	28.2	23.8	2.70	28.2	22.6	2.59	28.3	21.4	2.39	28.4	20.1	2.16	28.5
	35	57	24.8	2.59	29.4	23.8	2.52	29.6	22.6	2.41	29.9	21.4	2.22	30.2	20.1	2.01	30.4
		114	24.8	2.59	32.2	23.8	2.52	32.3	22.6	2.41	32.5	21.4	2.22	32.6	20.1	2.01	32.7
		171	24.8	2.54	33.1	23.8	2.47	33.2	22.6	2.37	33.3	21.4	2.18	33.4	20.1	1.97	33.5
	40	57	24.8	2.33	34.4	23.8	2.27	34.6	22.6	2.17	34.9	21.4	2.00	35.1	20.1	1.81	35.4
		114	24.8	2.33	37.2	23.8	2.26	37.3	22.6	2.17	37.4	21.4	1.99	37.6	20.1	1.80	37.7
		171	24.8	2.29	38.1	23.8	2.22	38.2	22.6	2.13	38.3	21.4	1.96	38.4	20.1	1.77	38.5
	45	57	24.8	1.98	39.3	23.8	1.92	39.5	22.6	1.84	39.8	21.4	1.70	40.0	20.1	1.53	40.3
		114	24.8	1.98	42.1	23.8	1.92	42.2	22.6	1.84	42.4	21.4	1.70	42.5	20.1	1.53	42.7
		171	24.8	1.94	43.1	23.8	1.89	43.2	22.6	1.80	43.3	21.4	1.67	43.3	20.1	1.50	43.4
50	10	57	18.8	4.03	6.3	18.0	3.91	6.5	17.1	3.74	6.6	16.2	3.45	6.8	15.2	3.12	7.0
		114	18.9	3.99	8.1	18.1	3.87	8.2	17.2	3.70	8.3	16.3	3.42	8.4	15.3	3.08	8.5
		171	20.0	3.97	8.7	19.1	3.85	8.7	18.2	3.68	8.8	17.2	3.40	8.8	16.2	3.07	8.9
	15	57	20.7	3.52	10.7	19.8	3.42	10.9	18.9	3.27	11.1	17.8	3.01	11.3	16.8	2.73	11.5
		114	20.7	3.48	12.8	19.8	3.38	12.9	18.9	3.24	13.0	17.8	2.99	13.1	16.8	2.70	13.2
		171	20.7	3.47	13.6	19.8	3.37	13.6	18.9	3.22	13.7	17.8	2.97	13.8	16.8	2.68	13.8
	20	57	20.7	3.10	15.6	19.8	3.00	15.8	18.9	2.88	16.0	17.8	2.65	16.2	16.8	2.40	16.4
		114	20.7	3.07	17.8	19.8	2.98	17.9	18.9	2.85	18.0	17.8	2.63	18.1	16.8	2.38	18.2
		171	20.7	3.05	18.5	19.8	2.97	18.6	18.9	2.84	18.7	17.8	2.61	18.7	16.8	2.36	18.8
	25	57	20.7	2.65	20.5	19.8	2.57	20.7	18.9	2.45	20.9	17.8	2.26	21.1	16.8	2.04	21.3
		114	20.7	2.58	22.7	19.8	2.51	22.8	18.9	2.40	22.9	17.8	2.21	23.0	16.8	2.00	23.1
		171	20.7	2.59	23.5	19.8	2.52	23.6	18.9	2.41	23.6	17.8	2.22	23.7	16.8	2.00	23.8
	30	57	20.7	2.22	25.4	19.8	2.16	25.6	18.9	2.06	25.8	17.8	1.90	26.0	16.8	1.72	26.2
		114	20.7	2.17	27.7	19.8	2.11	27.8	18.9	2.02	27.9	17.8	1.86	28.0	16.8	1.68	28.1
		171	20.7	2.16	28.4	19.8	2.10	28.5	18.9	2.01	28.6	17.8	1.85	28.7	16.8	1.68	28.7
	35	57	20.7	2.01	30.3	19.8	1.95	30.5	18.9	1.87	30.7	17.8	1.73	30.9	16.8	1.56	31.2
		114	20.7	1.97	32.7	19.8	1.92	32.8	18.9	1.84	32.9	17.8	1.69	33.0	16.8	1.53	33.1
		171	20.7	1.94	33.4	19.8	1.89	33.5	18.9	1.81	33.6	17.8	1.67	33.6	16.8	1.51	33.7
	40	57	20.7	1.81	35.2	19.8	1.76	35.5	18.9	1.68	35.7	17.8	1.55	35.9	16.8	1.40	36.1
		114	20.7	1.77	37.6	19.8	1.72	37.7	18.9	1.65	37.8	17.8	1.52	37.9	16.8	1.37	38.1
		171	20.7	1.75	38.4	19.8	1.70	38.5	18.9	1.63	38.6	17.8	1.50	38.6	16.8	1.36	38.7
	45	57	20.7	1.54	40.2	19.8	1.49	40.4	18.9	1.43	40.6	17.8	1.32	40.9	16.8	1.19	41.1
		114	20.7	1.51	42.6	19.8	1.46	42.7	18.9	1.40	42.8	17.8	1.29	42.9	16.8	1.17	43.0
		171	20.7	1.49	43.4	19.8	1.45	43.5	18.9	1.38	43.5	17.8	1.27	43.6	16.8	1.15	43.7

1-4. AM160FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	80	44.8	2.92	18.5	49.3	3.46	19.4	53.1	3.80	20.2	56.6	4.02	20.9	58.4	4.08	21.2
		160	44.8	2.85	14.3	49.3	3.36	14.7	53.0	3.73	15.1	56.7	3.96	15.4	58.4	4.02	15.6
		240	44.8	2.80	12.8	49.3	3.31	13.1	53.1	3.63	13.4	56.7	3.82	13.6	58.5	3.92	13.7
	15	80	44.0	3.75	23.5	48.6	4.46	24.5	52.2	4.95	25.2	55.8	5.18	25.9	57.4	5.31	26.2
		160	44.0	3.70	19.3	48.5	4.34	19.7	52.3	4.85	20.1	55.7	5.11	20.5	57.5	5.22	20.6
		240	44.0	3.59	17.8	48.5	4.25	18.2	52.2	4.71	18.4	55.7	4.94	18.6	57.4	5.09	18.7
	20	80	43.5	4.48	28.6	47.9	5.25	29.5	51.6	5.85	30.3	54.9	6.14	30.9	56.7	6.27	31.3
		160	43.3	4.39	24.3	47.9	5.16	24.8	51.7	5.76	25.1	54.9	6.07	25.5	56.6	6.19	25.6
		240	43.3	4.25	22.8	47.9	5.00	23.2	51.7	5.58	23.4	55.0	5.84	23.6	56.6	6.03	23.7
	25	80	43.4	5.62	33.8	47.9	6.62	34.8	51.6	7.38	35.6	54.9	7.75	36.2	56.7	7.88	36.6
		160	43.4	5.54	29.4	47.9	6.52	29.9	51.7	7.25	30.3	55.0	7.65	30.6	56.7	7.76	30.8
		240	43.5	5.35	27.9	47.8	6.32	28.2	51.7	7.05	28.5	54.9	7.38	28.7	56.6	7.58	28.8
	30	80	43.4	6.60	39.0	47.9	7.75	40.0	51.7	8.66	40.8	54.9	9.08	41.5	56.7	9.24	41.8
		160	43.3	6.49	34.5	47.9	7.64	35.0	51.7	8.54	35.4	54.9	8.94	35.7	56.6	9.12	35.9
		240	43.4	6.29	33.0	47.9	7.39	33.3	51.7	8.23	33.6	55.0	8.65	33.8	56.7	8.87	33.9
	35	80	40.9	6.86	43.6	45.3	8.09	44.6	48.8	9.02	45.4	52.1	9.44	46.0	53.5	9.62	46.3
		160	41.1	6.72	39.3	45.4	7.95	39.8	48.9	8.85	40.2	52.1	9.31	40.5	53.5	9.51	40.6
		240	40.9	6.55	37.8	45.4	7.72	38.2	48.8	8.57	38.4	52.2	9.02	38.7	53.6	9.25	38.8
	40	80	34.3	7.15	47.4	37.8	8.40	48.3	40.7	9.38	49.0	43.6	9.86	49.6	44.8	10.04	49.8
		160	34.6	7.02	43.7	38.2	8.27	44.2	41.1	9.21	44.5	43.8	9.71	44.8	45.1	9.88	44.9
		240	35.1	6.80	42.5	38.6	7.99	42.8	41.6	8.96	43.0	44.4	9.38	43.2	45.9	9.66	43.3
	45	80	28.6	7.38	51.4	31.4	8.67	52.2	33.7	9.69	52.8	36.1	10.17	53.3	37.1	10.39	53.5
		160	28.9	7.27	48.2	31.6	8.56	48.6	34.0	9.51	48.9	36.5	10.03	49.2	37.5	10.21	49.3
		240	29.3	7.03	47.2	32.1	8.26	47.4	34.5	9.23	47.6	36.9	9.67	47.8	37.9	10.00	47.9
120	10	80	42.4	2.76	18.1	46.8	3.28	19.0	50.4	3.61	19.7	53.7	3.81	20.3	55.2	3.86	20.6
		160	42.4	2.72	14.0	46.7	3.22	14.5	50.5	3.53	14.8	53.6	3.73	15.1	55.3	3.81	15.3
		240	42.5	2.61	12.7	46.8	3.14	13.0	50.3	3.43	13.2	53.7	3.63	13.4	55.2	3.75	13.5
	15	80	42.0	3.59	23.2	46.1	4.25	24.0	49.8	4.75	24.8	53.1	4.96	25.4	54.7	5.04	25.7
		160	42.0	3.55	19.1	46.1	4.15	19.5	49.7	4.66	19.9	53.0	4.88	20.2	54.6	4.98	20.3
		240	42.0	3.42	17.7	46.1	4.06	18.0	49.8	4.49	18.2	53.0	4.72	18.4	54.6	4.87	18.6
	20	80	41.6	4.31	28.2	45.6	5.05	29.1	49.3	5.62	29.8	52.6	5.90	30.5	54.1	6.03	30.8
		160	41.4	4.22	24.1	45.6	4.96	24.5	49.3	5.54	24.9	52.6	5.83	25.2	54.2	5.93	25.4
		240	41.4	4.10	22.7	45.6	4.83	23.0	49.3	5.36	23.3	52.5	5.62	23.5	54.2	5.77	23.6
	25	80	41.5	5.41	33.4	45.6	6.35	34.3	49.3	7.04	35.1	52.5	7.43	35.7	54.1	7.56	36.0
		160	41.5	5.30	29.2	45.7	6.26	29.7	49.3	6.95	30.0	52.5	7.32	30.4	54.1	7.44	30.5
		240	41.5	5.13	27.8	45.7	6.05	28.1	49.2	6.76	28.3	52.5	7.08	28.6	54.1	7.25	28.7
	30	80	41.5	6.38	38.6	45.6	7.49	39.5	49.3	8.35	40.3	52.6	8.75	41.0	54.2	8.91	41.3
		160	41.4	6.27	34.3	45.7	7.37	34.8	49.2	8.23	35.1	52.6	8.61	35.5	54.2	8.81	35.6
		240	41.4	6.07	32.8	45.7	7.15	33.2	49.3	7.95	33.4	52.6	8.37	33.6	54.1	8.56	33.7
	35	80	39.8	6.72	43.3	44.0	7.93	44.3	47.5	8.82	45.1	50.4	9.25	45.7	52.1	9.42	46.0
		160	39.9	6.59	39.2	44.0	7.76	39.6	47.5	8.66	40.0	50.5	9.11	40.3	52.0	9.29	40.5
		240	39.8	6.40	37.8	44.0	7.56	38.1	47.4	8.39	38.3	50.5	8.80	38.5	52.0	9.05	38.6
	40	80	34.0	7.13	47.4	37.5	8.38	48.2	40.4	9.36	48.9	43.0	9.84	49.5	44.4	10.02	49.7
		160	34.3	7.01	43.7	37.7	8.26	44.1	40.8	9.22	44.5	43.4	9.68	44.8	44.6	9.86	44.9
		240	34.8	6.78	42.5	38.3	8.01	42.8	41.3	8.95	43.0	43.9	9.37	43.2	45.5	9.61	43.3
	45	80	28.9	7.49	51.5	31.9	8.81	52.3	34.5	9.84	52.9	36.7	10.31	53.4	37.7	10.55	53.7
		160	29.1	7.38	48.3	32.3	8.69	48.7	34.8	9.68	49.0	37.1	10.17	49.2	38.1	10.36	49.3
		240	29.5	7.13	47.2	32.7	8.42	47.5	35.2	9.37	47.7	37.6	9.85	47.8	38.6	10.10	47.9
110	10	80	40.1	2.59	17.6	44.0	3.11	18.4	47.5	3.40	19.1	50.6	3.60	19.7	52.0	3.64	20.0
		160	40.1	2.55	13.8	44.0	3.02	14.2	47.5	3.33	14.6	50.6	3.55	14.8	52.1	3.58	15.0
		240	40.1	2.48	12.5	44.0	2.93	12.8	47.5	3.28	13.0	50.6	3.42	13.2	52.0	3.51	13.3
	15	80	39.7	3.42	22.7	43.8	4.06	23.6	47.2	4.52	24.3	50.4	4.72	24.9	51.9	4.83	25.2
		160	39.7	3.38	18.9	43.7	3.96	19.3	47.2	4.43	19.6	50.4	4.66	19.9	51.9	4.74	20.1
		240	39.8	3.27	17.6	43.8	3.86	17.8	47.2	4.32	18.1	50.4	4.51	18.3	51.9	4.61	18.4
	20	80	39.6	4.13	27.8	43.6	4.84	28.7	47.0	5.41	29.4	50.0	5.66	30.0	51.6	5.78	30.3
		160	39.5	4.05	23.9	43.5	4.76	24.3	47.1	5.32	24.7	50.0	5.58	25.0	51.5	5.69	25.1
		240	39.5	3.94	22.6	43.5	4.62	22.9	47.1	5.15	23.1	50.0	5.41	23.3	51.6	5.52	23.4
	25	80	39.6	5.18	33.0	43.5	6.07	33.9	47.0	6.76	34.6	50.0	7.08	35.2	51.6	7.23	35.5
		160	39.5	5.08	29.0	43.5	5.98	29.4	47.1	6.65	29.8	50.1	6.98	30.1	51.5	7.10	30.3
		240	39.7	4.91	27.7	43.5	5.78	27.9	47.0	6.46	28.2	50.1	6.77	28.4	51.5	6.91	28.5
	30	80	39.5	6.15	38.2	43.5	7.23	39.1	47.1	8.06	39.9	50.0	8.45	40.5	51.6	8.60	40.8
		160	39.6	6.04	34.1	43.6	7.10	34.5	47.1	7.93	34.9	49.9	8.31	35.2	51.6	8.48	35.4
		240	39.5	5.85	32.7	43.5	6.90	33.0	47.0	7.67	33.3	50.0	8.06	33.5	51.6	8.23	33.6
	35	80	38.6	6.57	43.1	42.8	7.75	44.1	46.0	8.62	44.8	49.1	9.05	45.4	50.5	9.20	45.7
		160	38.7	6.46	39.1	42.8	7.59	39.5	45.9	8.48	39.9	49.1	8.90	40.2	50.5	9.09	40.3
		240	38.6	6.26	37.7	42.8	7.37	38.0	46.0	8.19	38.2	49.1	8.63	38.4	50.5	8.82	38.5
	40	80	33.6	7.14	47.3	37.2	8.40	48.2	39.8	9.37	48.8	42.8	9.82	49.4	44.1	10.03	49.7
		160	34.0	7.00	43.7	37.5	8.24	44.1	40.3	9.21	44.4	43.1	9.66	44.7	44.3	9.84	44.9
		240	34.4	6.77	42.5	37.9	8.00	42.7	40.7	8.94	43.0	43.7	9.35	43.2	45.0	9.57	43.3
	45	80	29.5	7.64	51.6	32.5	8.98	52.4	34.9	10.01	53.0	37.4	10.49	53.6	38.5	10.73	53.8
		160	29.8	7.48	48.3	32.7	8.83	48.7	35.3	9.82	49.0	37.8	10.37	49.3	38.9	10.51	49.4
		240	30.1	7.24	47.2	33.2	8.56	47.5	35.7	9.52	47.7	38.3	10.01	47.9	39.4	10.23	48.0

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	80	37.6	2.46	17.2	41.6	2.90	18.0	44.8	3.24	18.6	47.8	3.39	19.2	49.2	3.46	19.4
		160	37.7	2.42	13.6	41.6	2.86	14.0	44.8	3.17	14.3	47.8	3.34	14.6	49.2	3.40	14.7
		240	37.7	2.34	12.4	41.6	2.76	12.6	44.8	3.08	12.9	47.8	3.23	13.0	49.2	3.29	13.1
	15	80	37.6	3.28	22.3	41.6	3.88	23.1	44.8	4.32	23.8	47.8	4.53	24.4	49.2	4.61	24.6
		160	37.7	3.24	18.7	41.6	3.80	19.1	44.8	4.24	19.4	47.8	4.45	19.7	49.2	4.54	19.8
		240	37.7	3.13	17.4	41.6	3.69	17.7	44.8	4.11	17.9	47.8	4.31	18.1	49.2	4.39	18.2
	20	80	37.7	3.96	27.5	41.6	4.67	28.3	44.8	5.20	29.0	47.8	5.45	29.5	49.2	5.56	29.8
		160	37.6	3.90	23.7	41.6	4.59	24.1	44.8	5.10	24.5	47.8	5.36	24.8	49.2	5.46	24.9
		240	37.6	3.78	22.5	41.6	4.44	22.7	44.8	4.95	23.0	47.8	5.20	23.2	49.2	5.30	23.3
	25	80	37.6	4.95	32.6	41.6	5.81	33.5	44.8	6.48	34.2	47.8	6.80	34.8	49.2	6.93	35.1
		160	37.6	4.85	28.8	41.6	5.72	29.2	44.8	6.36	29.6	47.8	6.69	29.9	49.2	6.80	30.0
		240	37.7	4.71	27.5	41.6	5.53	27.8	44.8	6.18	28.0	47.8	6.47	28.2	49.2	6.59	28.3
	30	80	37.6	5.94	37.8	41.6	6.99	38.7	44.8	7.78	39.4	47.8	8.17	40.0	49.2	8.32	40.3
		160	37.6	5.83	33.9	41.6	6.87	34.3	44.8	7.68	34.7	47.8	8.02	35.0	49.2	8.18	35.1
		240	37.6	5.66	32.6	41.6	6.67	32.9	44.8	7.41	33.1	47.8	7.78	33.3	49.2	7.93	33.4
	35	80	37.6	6.45	42.9	41.6	7.59	43.8	44.8	8.46	44.5	47.8	8.88	45.2	49.2	9.04	45.4
		160	37.7	6.34	38.9	41.6	7.46	39.4	44.8	8.31	39.8	47.8	8.73	40.1	49.2	8.90	40.2
		240	37.6	6.14	37.6	41.6	7.23	37.9	44.8	8.05	38.2	47.8	8.45	38.4	49.2	8.62	38.5
	40	80	33.4	7.15	47.3	37.0	8.41	48.1	39.7	9.38	48.8	42.6	9.84	49.4	43.7	10.02	49.6
		160	33.7	7.02	43.6	37.3	8.26	44.1	40.1	9.23	44.4	42.9	9.67	44.7	44.0	9.84	44.8
		240	34.2	6.80	42.5	37.8	8.01	42.7	40.6	8.94	43.0	43.5	9.36	43.2	44.7	9.54	43.2
	45	80	30.0	7.78	51.8	33.1	9.14	52.6	35.6	10.19	53.2	38.2	10.70	53.8	39.2	10.92	54.0
		160	30.3	7.65	48.4	33.4	9.00	48.8	36.0	10.03	49.1	38.6	10.52	49.4	39.6	10.71	49.5
		240	30.7	7.41	47.3	33.9	8.72	47.5	36.4	9.71	47.8	39.1	10.19	47.9	40.1	10.40	48.0
90	10	80	33.8	2.33	16.5	37.3	2.74	17.2	40.2	3.06	17.7	43.2	3.21	18.3	44.2	3.26	18.5
		160	33.8	2.28	13.2	37.4	2.70	13.6	40.1	3.00	13.9	43.2	3.15	14.2	44.2	3.20	14.3
		240	33.8	2.23	12.2	37.4	2.62	12.4	40.2	2.92	12.6	43.2	3.07	12.8	44.2	3.13	12.8
	15	80	33.8	3.11	21.6	37.4	3.67	22.4	40.2	4.08	22.9	43.2	4.28	23.5	44.2	4.37	23.7
		160	33.8	3.05	18.3	37.3	3.60	18.7	40.2	4.01	19.0	43.2	4.19	19.2	44.2	4.28	19.3
		240	33.8	2.98	17.2	37.4	3.51	17.4	40.1	3.91	17.6	43.2	4.10	17.8	44.2	4.16	17.9
	20	80	33.8	3.75	26.7	37.4	4.41	27.5	40.2	4.92	28.1	43.2	5.16	28.7	44.1	5.26	28.9
		160	33.8	3.68	23.4	37.4	4.34	23.7	40.2	4.82	24.0	43.2	5.06	24.3	44.2	5.16	24.4
		240	33.8	3.59	22.2	37.4	4.22	22.5	40.2	4.71	22.7	43.2	4.93	22.9	44.2	5.03	22.9
	25	80	33.8	4.69	31.9	37.4	5.53	32.7	40.2	6.16	33.3	43.2	6.46	33.9	44.2	6.58	34.1
		160	33.8	4.61	28.4	37.4	5.43	28.8	40.2	6.04	29.1	43.2	6.35	29.4	44.2	6.45	29.5
		240	33.8	4.45	27.3	37.4	5.24	27.5	40.2	5.83	27.7	43.2	6.12	27.9	44.2	6.23	28.0
	30	80	33.8	5.62	37.1	37.4	6.62	37.9	40.2	7.38	38.5	43.2	7.74	39.1	44.3	7.88	39.3
		160	33.8	5.53	33.5	37.3	6.49	33.9	40.2	7.24	34.3	43.2	7.60	34.6	44.2	7.75	34.7
		240	33.8	5.37	32.3	37.4	6.33	32.6	40.1	7.07	32.8	43.2	7.42	33.0	44.2	7.55	33.1
	35	80	33.8	6.10	42.1	37.4	7.18	43.0	40.2	8.00	43.6	43.2	8.40	44.2	44.2	8.56	44.4
		160	33.8	5.99	38.6	37.4	7.05	39.0	40.2	7.87	39.3	43.2	8.25	39.6	44.2	8.41	39.7
		240	33.8	5.84	37.4	37.4	6.87	37.6	40.1	7.67	37.9	43.2	8.03	38.1	44.2	8.18	38.1
	40	80	30.1	6.75	46.6	33.3	7.96	47.4	35.7	8.88	48.0	38.3	9.29	48.5	39.3	9.48	48.7
		160	30.4	6.65	43.3	33.6	7.82	43.7	36.1	8.72	44.0	38.7	9.13	44.3	39.6	9.30	44.4
		240	30.8	6.46	42.2	34.1	7.62	42.5	36.5	8.48	42.7	39.2	8.91	42.9	40.2	9.06	42.9
	45	80	27.0	7.36	51.2	29.8	8.68	51.9	32.1	9.67	52.5	34.5	10.14	53.0	35.2	10.31	53.2
		160	27.3	7.24	48.1	30.1	8.51	48.5	32.3	9.47	48.7	34.7	9.93	49.0	35.5	10.14	49.1
		240	33.9	2.34	47.2	30.6	8.30	47.3	32.8	9.23	47.5	35.2	9.70	47.7	36.1	9.88	47.7
80	10	80	30.2	2.03	15.8	33.2	2.44	16.4	35.8	2.72	16.9	38.4	2.85	17.4	39.4	2.91	17.6
		160	30.2	1.98	12.9	33.2	2.40	13.2	35.8	2.67	13.4	38.4	2.80	13.7	39.4	2.86	13.8
		240	30.2	2.79	12.0	33.2	2.35	12.1	35.8	2.62	12.3	38.4	2.75	12.5	39.4	2.80	12.5
	15	80	30.2	2.72	20.9	33.2	3.26	21.5	35.8	3.63	22.1	38.4	3.81	22.6	39.4	3.88	22.8
		160	30.2	2.64	17.9	33.3	3.20	18.3	35.8	3.57	18.5	38.4	3.75	18.8	39.4	3.81	18.9
		240	30.2	3.36	17.0	33.2	3.13	17.2	35.8	3.49	17.3	38.4	3.66	17.5	39.4	3.73	17.6
	20	80	30.2	3.28	26.0	33.2	3.92	26.7	35.8	4.38	27.2	38.4	4.58	27.7	39.4	4.67	27.9
		160	30.2	3.18	23.0	33.2	3.86	23.3	35.8	4.30	23.6	38.4	4.51	23.8	39.4	4.60	23.9
		240	30.2	4.19	22.1	33.3	3.77	22.2	35.8	4.21	22.4	38.4	4.41	22.6	39.4	4.49	22.6
	25	80	30.2	4.13	31.2	33.2	4.95	31.8	35.8	5.51	32.4	38.4	5.78	32.9	39.4	5.88	33.1
		160	30.2	3.98	28.1	33.3	4.83	28.4	35.8	5.38	28.7	38.4	5.65	28.9	39.4	5.76	29.0
		240	30.2	5.01	27.1	33.2	4.68	27.3	35.8	5.22	27.4	38.4	5.47	27.6	39.4	5.57	27.7
	30	80	30.2	4.92	36.3	33.3	5.88	37.0	35.8	6.56	37.6	38.4	6.89	38.1	39.4	7.01	38.3
		160	30.2	4.78	33.1	33.3	5.82	33.5	35.8	6.48	33.8	38.4	6.80	34.0	39.4	6.92	34.1
		240	30.2	5.46	32.1	33.2	5.64	32.3	35.8	6.29	32.5	38.4	6.58	32.7	39.4	6.70	32.8
	35	80	30.2	5.37	41.4	33.3	6.42	42.1	35.8	7.16	42.7	38.4	7.50	43.2	39.4	7.64	43.4
		160	30.2	5.22	38.2	33.3	6.35	38.5	35.8	7.06	38.8	38.4	7.40	39.1	39.4	7.55	39.2
		240	26.7	6.03	37.0	33.2	6.10	37.3	35.8	6.81	37.5	38.4	7.14	37.7	39.4	7.27	37.8
	40	80	27.0	5.94	45.9	29.5	7.12	46.6	31.7	7.93	47.1	34.1	8.33	47.6	35.0	8.48	47.8
		160	27.3	5.79	43.0	29.8	7.03	43.3	32.1	7.84	43.6	34.3	8.22	43.8	35.3	8.36	43.9
		240	24.1	6.56	41.8	30.2	6.76	42.2	32.5	7.54	42.4	34.9	7.90	42.6	35.7	8.06	42.6
	45	80	24.3	6.47	50.5	26.5	7.74	51.1	28.5	8.62	51.7	30.6	9.04	52.1	31.4	9.23	52.3
		160	24.6	6.30	47.8	26.8	7.64	48.1	28.8	8.52	48.3	30.8	8.94	48.6	31.7	9.10	48.7
		240	27.1	1.97	46.7	27.1	7.36	47.1	29.2	8.21	47.2	31.3	8.61	47.4	32.1	8.78	47.4

1-4. AM160FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	80	26.4	1.72	15.0	29.2	2.02	15.6	31.3	2.25	16.0	33.6	2.37	16.4	34.3	2.41	16.6
		160	26.4	1.70	12.5	29.2	2.00	12.8	31.3	2.23	13.0	33.6	2.33	13.2	34.3	2.38	13.3
		240	26.4	1.63	11.7	29.2	1.93	11.9	31.2	2.15	12.0	33.6	2.25	12.1	34.3	2.29	12.2
	15	80	26.3	2.29	20.1	29.2	2.70	20.7	31.2	3.01	21.1	33.6	3.16	21.6	34.4	3.21	21.7
		160	26.4	2.27	17.6	29.2	2.67	17.9	31.2	2.97	18.1	33.6	3.12	18.3	34.4	3.18	18.4
		240	26.3	2.18	16.7	29.2	2.57	16.9	31.3	2.86	17.0	33.6	3.01	17.2	34.4	3.07	17.2
	20	80	26.4	2.76	25.2	29.2	3.26	25.8	31.2	3.62	26.2	33.6	3.80	26.7	34.4	3.87	26.8
		160	26.3	2.73	22.6	29.2	3.22	22.9	31.3	3.58	23.1	33.6	3.76	23.3	34.3	3.83	23.4
		240	26.3	2.63	21.7	29.2	3.10	21.9	31.3	3.46	22.1	33.6	3.62	22.2	34.4	3.69	22.3
	25	80	26.4	3.45	30.3	29.2	4.07	31.0	31.2	4.54	31.4	33.6	4.76	31.9	34.4	4.85	32.0
		160	26.4	3.41	27.7	29.2	4.01	28.0	31.2	4.46	28.2	33.6	4.68	28.4	34.4	4.77	28.5
		240	26.3	3.30	26.8	29.2	3.87	27.0	31.3	4.32	27.1	33.6	4.53	27.3	34.4	4.62	27.3
	30	80	26.3	4.16	35.5	29.2	4.89	36.1	31.2	5.45	36.6	33.6	5.71	37.0	34.3	5.82	37.2
		160	26.3	4.09	32.7	29.2	4.81	33.0	31.2	5.36	33.3	33.6	5.62	33.5	34.4	5.73	33.6
		240	26.3	3.97	31.8	29.2	4.66	32.0	31.3	5.20	32.2	33.6	5.45	32.3	34.4	5.57	32.4
	35	80	26.3	4.55	40.5	29.2	5.35	41.2	31.2	5.97	41.7	33.6	6.26	42.1	34.4	6.37	42.3
		160	26.3	4.43	37.8	29.2	5.22	38.1	31.2	5.80	38.3	33.6	6.10	38.6	34.4	6.22	38.6
		240	26.3	4.31	36.8	29.2	5.07	37.0	31.3	5.67	37.2	33.6	5.93	37.4	34.3	6.05	37.4
	40	80	23.5	5.04	45.1	25.9	5.93	45.7	27.8	6.61	46.2	29.8	6.93	46.6	30.6	7.05	46.8
		160	23.6	4.91	42.6	26.1	5.78	42.9	28.0	6.43	43.1	30.1	6.76	43.3	30.8	6.88	43.4
		240	24.0	4.78	41.7	26.5	5.63	41.9	28.5	6.27	42.1	30.5	6.58	42.2	31.3	6.71	42.3
	45	80	21.0	5.48	49.8	23.2	6.46	50.3	25.0	7.19	50.8	26.8	7.55	51.2	27.5	7.68	51.3
		160	21.2	5.34	47.4	23.4	6.29	47.7	25.2	7.00	47.9	27.0	7.35	48.1	27.7	7.49	48.2
		240	21.5	5.21	46.6	23.7	6.13	46.8	25.5	6.82	46.9	27.4	7.16	47.1	28.1	7.29	47.1
60	10	80	22.6	1.42	14.3	24.9	1.67	14.8	26.8	1.86	15.1	28.7	1.95	15.5	29.5	1.99	15.6
		160	22.6	1.38	12.1	25.0	1.63	12.4	26.8	1.81	12.6	28.7	1.90	12.7	29.5	1.93	12.8
		240	22.6	1.35	11.4	25.0	1.59	11.6	26.7	1.77	11.7	28.7	1.86	11.8	29.5	1.90	11.9
	15	80	22.6	1.89	19.4	24.9	2.23	19.9	26.8	2.49	20.2	28.7	2.61	20.6	29.5	2.65	20.8
		160	22.6	1.84	17.2	24.9	2.17	17.4	26.8	2.42	17.6	28.8	2.54	17.8	29.4	2.59	17.9
		240	22.6	1.80	16.5	24.9	2.12	16.6	26.8	2.36	16.7	28.8	2.49	16.9	29.5	2.53	16.9
	20	80	22.6	2.28	24.5	25.0	2.68	25.0	26.8	3.00	25.3	28.7	3.14	25.7	29.5	3.20	25.9
		160	22.5	2.22	22.2	24.9	2.61	22.5	26.8	2.91	22.7	28.7	3.05	22.8	29.5	3.11	22.9
		240	22.6	2.17	21.5	24.9	2.56	21.6	26.8	2.85	21.8	28.7	2.99	21.9	29.5	3.05	21.9
	25	80	22.6	2.84	29.6	24.9	3.34	30.1	26.8	3.73	30.5	28.8	3.90	30.9	29.4	3.98	31.0
		160	22.5	2.78	27.3	24.9	3.27	27.5	26.8	3.65	27.7	28.7	3.83	27.9	29.5	3.90	28.0
		240	22.6	2.70	26.5	24.9	3.17	26.7	26.8	3.53	26.8	28.7	3.70	26.9	29.4	3.77	27.0
	30	80	22.6	3.39	34.7	24.9	3.99	35.2	26.8	4.45	35.6	28.8	4.67	36.0	29.5	4.76	36.1
		160	22.6	3.32	32.3	24.9	3.90	32.6	26.8	4.36	32.8	28.8	4.57	33.0	29.5	4.66	33.1
		240	22.6	3.24	31.5	24.9	3.81	31.7	26.7	4.25	31.9	28.7	4.45	32.0	29.4	4.54	32.0
	35	80	22.6	3.68	39.7	24.9	4.34	40.2	26.8	4.83	40.7	28.8	5.06	41.1	29.5	5.16	41.2
		160	22.6	3.64	37.3	24.9	4.30	37.6	26.7	4.78	37.8	28.8	5.03	38.0	29.5	5.12	38.1
		240	22.6	3.53	36.6	24.9	4.16	36.7	26.8	4.64	36.9	28.8	4.86	37.0	29.5	4.94	37.1
	40	80	20.1	4.08	44.3	22.1	4.80	44.8	23.8	5.35	45.2	25.5	5.61	45.6	26.2	5.71	45.7
		160	20.2	4.04	42.2	22.4	4.76	42.4	24.0	5.29	42.6	25.8	5.56	42.8	26.4	5.66	42.9
		240	20.5	3.91	41.5	22.7	4.61	41.6	24.3	5.13	41.8	26.2	5.38	41.9	26.8	5.48	41.9
	45	80	18.0	4.44	49.0	19.9	5.22	49.5	21.4	5.83	49.9	23.0	6.12	50.2	23.5	6.21	50.3
		160	18.2	4.40	47.0	20.1	5.18	47.3	21.6	5.76	47.4	23.1	6.05	47.6	23.7	6.17	47.7
		240	18.4	4.26	46.4	20.4	5.02	46.5	21.9	5.59	46.6	23.5	5.85	46.8	24.0	5.97	46.8
50	10	80	18.8	1.08	13.6	20.8	1.27	13.9	22.3	1.42	14.3	23.9	1.49	14.6	24.6	1.52	14.7
		160	18.8	1.06	11.8	20.8	1.25	12.0	22.3	1.40	12.1	24.0	1.47	12.3	24.6	1.49	12.3
		240	18.8	1.04	11.2	20.8	1.23	11.3	22.3	1.37	11.4	24.0	1.44	11.5	24.5	1.46	11.6
	15	80	18.8	1.44	18.6	20.8	1.70	19.0	22.3	1.89	19.3	24.0	1.99	19.7	24.6	2.02	19.8
		160	18.8	1.42	16.8	20.7	1.67	17.0	22.3	1.86	17.2	23.9	1.96	17.3	24.5	1.99	17.4
		240	18.8	1.39	16.2	20.8	1.64	16.3	22.3	1.83	16.4	23.9	1.92	16.5	24.6	1.95	16.6
	20	80	18.8	1.74	23.7	20.8	2.05	24.1	22.3	2.28	24.4	23.9	2.39	24.7	24.5	2.44	24.8
		160	18.8	1.71	21.8	20.8	2.01	22.0	22.3	2.24	22.2	24.0	2.35	22.4	24.5	2.40	22.4
		240	18.8	1.68	21.2	20.8	1.98	21.4	22.3	2.20	21.5	23.9	2.31	21.6	24.5	2.36	21.6
	25	80	18.8	2.18	28.8	20.8	2.57	29.2	22.3	2.86	29.5	23.9	3.00	29.8	24.5	3.06	29.9
		160	18.8	2.12	26.9	20.7	2.49	27.1	22.3	2.78	27.2	24.0	2.91	27.4	24.6	2.97	27.5
		240	18.8	2.10	26.2	20.8	2.47	26.4	22.3	2.75	26.5	23.9	2.88	26.6	24.5	2.94	26.6
	30	80	18.8	2.63	33.8	20.8	3.10	34.3	22.3	3.46	34.6	23.9	3.62	34.9	24.6	3.69	35.1
		160	18.8	2.56	31.9	20.8	3.02	32.1	22.3	3.35	32.3	24.0	3.52	32.5	24.6	3.59	32.5
		240	18.8	2.51	31.3	20.8	2.95	31.4	22.3	3.29	31.5	24.0	3.46	31.6	24.6	3.52	31.7
	35	80	18.8	2.85	38.9	20.7	3.36	39.3	22.3	3.74	39.7	23.9	3.93	40.0	24.6	4.01	40.1
		160	18.8	2.78	36.9	20.8	3.28	37.2	22.3	3.64	37.3	23.9	3.82	37.5	24.6	3.89	37.5
		240	18.8	2.70	36.3	20.8	3.18	36.4	22.4	3.54	36.5	24.0	3.71	36.7	24.5	3.79	36.7
	40	80	16.7	3.16	43.6	18.5	3.72	44.0	19.9	4.15	44.3	21.3	4.36	44.6	21.9	4.44	44.7
		160	16.9	3.08	41.8	18.6	3.63	42.0	20.0	4.04	42.2	21.5	4.24	42.3	22.0	4.32	42.4
		240	17.1	2.99	41.2	18.9	3.52	41.3	20.3	3.93	41.4	21.8	4.12	41.5	22.3	4.19	41.6
	45	80	15.0	3.44	48.3	16.6	4.06	48.7	17.8	4.51	49.0	19.1	4.74	49.3	19.6	4.83	49.4
		160	15.2	3.35	46.7	16.7	3.94	46.9	18.0	4.40	47.0	19.3	4.62	47.1	19.8	4.70	47.2
		240	15.4	3.26	46.1	17.0	3.83	46.2	18.2	4.28	46.3	19.5	4.48	46.4	20.1	4.57	46.5

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	80	57.4	11.53	1.8	55.9	11.06	2.0	53.7	10.77	2.3	50.5	10.03	2.8	48.4	9.21	3.0
		160	58.4	11.08	5.8	56.9	10.91	5.9	54.7	10.61	6.1	51.5	9.84	6.3	49.3	9.06	6.4
		240	61.8	11.17	7.0	60.7	10.93	7.0	58.5	10.51	7.1	55.2	9.81	7.3	52.9	9.17	7.4
	15	80	63.1	10.20	5.5	61.6	9.75	5.7	59.2	9.41	6.1	55.7	8.78	6.6	53.2	8.05	6.9
		160	64.7	9.49	10.1	63.5	9.43	10.2	61.1	9.29	10.4	57.4	8.55	10.6	54.8	7.82	10.8
		240	64.3	9.93	11.8	63.9	9.74	11.8	62.3	9.30	11.8	58.4	8.60	12.0	55.9	8.23	12.2
	20	80	64.8	9.67	10.1	63.9	9.24	10.2	61.4	8.88	10.6	57.8	8.11	11.1	55.0	7.69	11.5
		160	66.0	9.11	14.9	65.6	9.12	14.9	63.4	8.81	15.1	59.6	8.31	15.4	57.0	7.95	15.6
		240	65.8	9.24	16.6	65.3	9.06	16.6	64.5	8.96	16.7	60.4	8.38	16.9	57.6	8.09	17.0
	25	80	67.1	8.99	14.6	65.3	8.84	14.9	64.1	8.65	15.1	60.6	8.15	15.6	58.2	7.73	16.0
		160	66.1	8.75	19.9	65.3	8.87	19.9	64.2	8.56	20.0	60.6	8.12	20.3	58.2	7.68	20.5
		240	65.6	8.69	21.6	65.4	8.49	21.6	64.2	8.49	21.7	60.7	8.04	21.9	58.3	7.37	22.0
	30	80	65.8	8.06	19.7	65.3	8.13	19.8	64.2	8.22	20.0	60.7	7.58	20.5	58.2	7.28	20.9
		160	65.8	7.88	24.8	65.3	8.16	24.9	64.2	8.04	25.0	60.8	7.57	25.2	58.2	6.93	25.4
		240	65.8	7.81	26.5	65.4	7.71	26.6	64.2	7.86	26.6	60.8	7.23	26.8	58.2	7.10	26.9
	35	80	65.8	7.57	24.6	65.4	7.84	24.7	64.1	8.13	25.0	60.8	7.39	25.4	58.2	6.85	25.8
		160	65.8	7.61	29.8	65.4	7.97	29.9	64.2	7.99	30.0	60.6	7.44	30.2	58.3	6.84	30.4
		240	65.9	7.49	31.5	65.3	7.69	31.6	64.2	7.81	31.6	60.8	7.10	31.8	58.3	6.54	31.9
	40	80	65.8	7.06	29.5	65.3	7.32	29.6	64.1	7.87	29.9	60.6	7.22	30.4	58.2	6.70	30.8
		160	65.8	7.07	34.7	65.3	7.43	34.8	64.2	7.62	34.9	60.8	7.13	35.2	58.3	6.57	35.4
		240	65.8	7.02	36.5	65.4	7.16	36.5	64.2	7.69	36.6	60.7	7.00	36.8	58.2	6.46	36.9
	45	80	65.8	6.22	34.3	65.4	6.54	34.5	64.1	7.32	34.8	60.6	6.73	35.3	58.2	6.26	35.7
		160	65.8	6.28	39.7	65.3	6.64	39.7	64.2	6.94	39.9	60.6	6.48	40.1	58.2	6.06	40.3
		240	65.7	6.32	41.5	65.4	6.28	41.5	64.2	7.26	41.6	60.7	6.56	41.8	58.2	6.17	41.9
120	10	80	54.8	11.42	2.2	53.3	11.02	2.4	51.0	10.71	2.8	48.1	9.89	3.2	45.9	9.07	3.4
		160	55.4	11.26	6.0	54.1	10.97	6.1	51.6	10.61	6.3	48.9	9.77	6.5	46.6	8.90	6.6
		240	58.7	11.05	7.2	56.7	10.79	7.3	55.1	10.50	7.3	52.2	9.71	7.5	49.6	8.87	7.6
	15	80	60.2	10.00	6.0	58.6	9.66	6.2	56.3	9.28	6.6	53.0	8.64	7.1	50.4	7.92	7.4
		160	61.0	9.81	10.4	60.0	9.59	10.5	57.6	9.28	10.7	54.2	8.54	10.9	51.5	7.71	11.1
		240	60.9	9.69	11.9	59.4	9.44	12.0	58.2	9.31	12.1	54.9	8.60	12.2	52.1	7.77	12.4
	20	80	61.2	9.25	10.7	60.1	8.88	10.8	57.6	8.50	11.2	54.4	7.86	11.7	51.5	7.47	12.1
		160	62.0	9.00	15.3	61.4	8.94	15.3	59.0	8.60	15.5	55.6	8.02	15.7	52.9	7.52	15.9
		240	61.7	8.98	16.9	60.4	8.76	16.9	59.7	8.66	16.9	56.3	8.12	17.1	53.3	7.66	17.3
	25	80	63.0	8.50	15.2	60.9	8.18	15.5	59.5	8.00	15.8	56.3	7.49	16.3	53.9	7.08	16.6
		160	62.3	8.26	20.2	61.1	8.22	20.3	59.4	8.05	20.4	56.2	7.45	20.6	53.8	7.05	20.8
		240	62.2	7.93	21.8	61.1	7.86	21.8	59.4	7.94	21.9	56.3	7.58	22.1	53.9	6.74	22.2
	30	80	62.1	7.46	20.2	61.0	7.53	20.4	59.5	7.48	20.7	56.2	6.80	21.2	53.8	6.51	21.5
		160	62.1	7.31	25.1	61.0	7.43	25.2	59.4	7.36	25.3	56.3	6.79	25.6	53.8	6.19	25.7
		240	62.1	7.04	26.7	60.9	7.05	26.8	59.5	7.16	26.9	56.3	6.66	27.0	53.8	6.34	27.2
	35	80	62.1	7.01	25.1	61.0	7.09	25.3	59.5	7.27	25.6	56.3	6.61	26.1	53.9	6.07	26.4
		160	62.1	6.86	30.0	61.0	7.10	30.2	59.5	7.02	30.3	56.3	6.48	30.5	53.9	5.94	30.7
		240	62.2	6.63	31.7	60.9	6.91	31.8	59.4	7.05	31.9	56.2	6.37	32.0	53.9	5.84	32.1
	40	80	62.1	6.51	30.0	61.0	6.53	30.2	59.5	6.87	30.6	56.2	6.27	31.0	53.9	5.78	31.4
		160	62.2	6.24	35.0	61.1	6.48	35.1	59.5	6.63	35.3	56.3	6.17	35.5	53.8	5.66	35.7
		240	62.2	6.24	36.7	61.1	6.26	36.7	59.4	6.69	36.8	56.2	6.07	37.0	53.9	5.57	37.1
	45	80	62.1	5.74	34.9	61.0	5.72	35.1	59.5	6.23	35.5	56.3	5.68	35.9	53.8	5.27	36.3
		160	62.2	5.39	39.9	60.9	5.63	40.0	59.5	5.98	40.2	56.2	5.55	40.5	53.8	5.16	40.6
		240	62.2	5.62	41.6	61.1	5.37	41.7	59.5	6.06	41.8	56.2	5.46	42.0	53.9	5.08	42.1
110	10	80	52.3	11.55	2.7	50.7	11.10	2.9	48.3	10.72	3.3	45.7	9.90	3.6	43.1	9.08	3.9
		160	52.8	11.29	6.3	51.0	10.97	6.4	48.7	10.59	6.6	46.3	9.79	6.7	43.6	8.90	6.9
		240	56.0	11.14	7.3	54.3	10.79	7.4	52.0	10.43	7.5	49.0	9.64	7.6	46.4	8.86	7.8
	15	80	57.5	10.06	6.5	55.7	9.74	6.8	53.3	9.33	7.1	50.5	8.63	7.5	47.4	7.92	7.9
		160	58.0	9.71	10.7	56.6	9.62	10.8	53.9	9.28	11.0	50.8	8.54	11.2	48.0	7.70	11.4
		240	57.9	9.72	12.1	56.4	9.43	12.2	54.4	9.12	12.3	51.1	8.42	12.4	48.2	7.78	12.6
	20	80	58.1	9.01	11.2	56.5	8.75	11.5	54.1	8.36	11.8	50.8	7.72	12.3	48.0	7.24	12.7
		160	58.4	8.81	15.6	57.1	8.64	15.7	54.7	8.34	15.9	51.6	7.78	16.1	48.7	7.16	16.3
		240	58.5	8.91	17.0	56.9	8.60	17.1	55.2	8.37	17.2	52.0	7.66	17.4	49.2	7.25	17.5
	25	80	58.9	7.93	15.9	56.9	7.69	16.2	55.1	7.55	16.5	52.0	6.97	16.9	49.2	6.45	17.3
		160	58.5	7.78	20.5	56.9	7.66	20.6	55.1	7.48	20.7	52.0	6.93	21.0	49.3	6.39	21.2
		240	58.6	7.91	22.0	57.0	7.65	22.1	55.0	7.35	22.2	52.0	7.04	22.3	49.3	6.10	22.4
	30	80	58.6	6.66	20.7	57.0	6.78	21.0	55.1	6.66	21.3	51.9	6.16	21.8	49.3	5.63	22.2
		160	58.6	6.61	25.3	56.9	6.70	25.5	55.1	6.53	25.6	51.9	6.12	25.9	49.3	5.43	26.1
		240	58.5	6.64	26.9	57.0	6.42	27.0	55.1	6.35	27.1	52.0	5.85	27.2	49.2	5.56	27.4
	35	80	58.6	6.20	25.6	57.0	6.21	25.9	55.0	6.31	26.3	51.9	5.68	26.7	49.2	5.20	27.1
		160	58.5	6.19	30.3	56.9	6.34	30.5	55.0	6.17	30.6	51.9	5.67	30.9	49.3	5.16	31.0
		240	58.5	5.86	31.9	56.9	6.02	32.0	55.0	6.00	32.1	51.9	5.57	32.2	49.2	5.07	32.4
	40	80	58.5	5.61	30.5	56.9	5.76	30.8	55.0	5.91	31.2	52.0	5.35	31.6	49.3	4.88	32.0
		160	58.6	5.60	35.3	56.9	5.73	35.4	55.0	5.63	35.6	51.9	5.34	35.8	49.3	4.88	36.0
		240	58.5	5.57	36.8	56.9	5.45	36.9	55.1	5.69	37.0	51.9	5.03	37.2	49.2	4.59	37.3
	45	80	58.6	4.79	35.4	57.0	5.09	35.7	55.1	5.27	36.1	51.9	4.78	36.6	49.3	4.38	37.0
		160	58.6	4.80	40.2	56.9	4.93	40.3	55.1	4.89	40.5	51.9	4.75	40.8	49.2	4.40	41.0
		240	58.6	5.10	41.8	56.9	4.66	41.9	55.0	5.18	42.0	51.9	4.29	42.2	49.2	3.91	42.3

1-4. AM160FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	80	50.2	11.63	3.1	47.9	11.26	3.4	45.7	10.79	3.7	43.2	9.96	4.0	40.6	8.99	4.3
		160	50.3	11.48	6.5	48.1	11.17	6.7	45.8	10.67	6.8	43.4	9.84	7.0	40.8	8.89	7.1
		240	53.3	11.29	7.5	51.0	10.98	7.6	48.6	10.49	7.7	46.0	9.69	7.8	43.1	8.75	7.9
	15	80	55.0	10.13	7.0	52.8	9.86	7.3	50.4	9.41	7.7	47.6	8.70	8.0	44.6	7.84	8.4
		160	55.0	10.04	11.0	52.8	9.74	11.1	50.4	9.34	11.3	47.6	8.60	11.5	44.6	7.76	11.7
		240	55.0	9.88	12.3	52.8	9.58	12.4	50.4	9.17	12.5	47.6	8.46	12.7	44.6	7.64	12.8
	20	80	55.0	8.93	11.7	52.8	8.66	12.1	50.4	8.28	12.5	47.6	7.64	12.8	44.6	6.90	13.2
		160	55.0	8.85	15.9	52.8	8.59	16.0	50.4	8.24	16.2	47.6	7.58	16.4	44.6	6.84	16.6
		240	55.0	8.70	17.2	52.8	8.43	17.4	50.4	8.08	17.5	47.6	7.45	17.6	44.6	6.73	17.7
	25	80	55.0	7.58	16.5	52.8	7.36	16.9	50.4	7.03	17.2	47.6	6.49	17.6	44.6	5.86	18.1
		160	55.0	7.50	20.7	52.8	7.27	20.9	50.4	6.96	21.1	47.6	6.43	21.3	44.6	5.80	21.5
		240	55.0	7.36	22.2	52.8	7.16	22.3	50.4	6.85	22.4	47.6	6.32	22.5	44.6	5.71	22.7
	30	80	55.0	6.34	21.3	52.8	6.16	21.6	50.4	5.88	22.0	47.6	5.43	22.4	44.6	4.91	22.9
		160	55.0	6.27	25.6	52.8	6.09	25.8	50.4	5.83	26.0	47.6	5.38	26.2	44.6	4.86	26.4
		240	55.0	6.16	27.1	52.8	5.99	27.2	50.4	5.73	27.3	47.6	5.28	27.5	44.6	4.77	27.6
	35	80	55.0	5.76	26.2	52.8	5.59	26.5	50.4	5.35	26.9	47.6	4.93	27.4	44.6	4.45	27.8
		160	55.0	5.70	30.6	52.8	5.54	30.8	50.4	5.30	31.0	47.6	4.88	31.2	44.6	4.42	31.4
		240	55.0	5.61	32.1	52.8	5.45	32.2	50.4	5.21	32.3	47.6	4.80	32.4	44.6	4.34	32.6
	40	80	55.0	5.17	31.1	52.8	5.02	31.4	50.4	4.81	31.8	47.6	4.44	32.3	44.6	4.01	32.7
		160	55.0	5.12	35.5	52.8	4.97	35.7	50.4	4.76	35.9	47.6	4.40	36.1	44.6	3.97	36.4
		240	55.0	5.04	37.0	52.8	4.90	37.1	50.4	4.68	37.3	47.6	4.32	37.4	44.6	3.90	37.6
	45	80	55.0	4.39	35.9	52.8	4.27	36.3	50.4	4.08	36.7	47.6	3.77	37.1	44.6	3.40	37.6
		160	55.0	4.36	40.5	52.8	4.23	40.6	50.4	4.05	40.8	47.6	3.73	41.1	44.6	3.37	41.3
		240	55.0	4.28	42.0	52.8	4.15	42.1	50.4	3.98	42.2	47.6	3.67	42.4	44.6	3.31	42.5
90	10	80	45.1	10.98	3.9	43.1	10.65	4.2	41.1	10.21	4.5	38.8	9.40	4.7	36.5	8.51	5.0
		160	45.3	10.84	6.9	43.4	10.53	7.1	41.3	10.09	7.2	39.1	9.29	7.3	36.6	8.40	7.5
		240	48.0	10.73	7.8	45.9	10.40	7.9	43.8	9.95	8.0	41.3	9.19	8.1	38.8	8.30	8.2
	15	80	49.6	9.60	7.8	47.4	9.32	8.2	45.2	8.93	8.5	42.8	8.24	8.8	40.2	7.42	9.1
		160	49.6	9.49	11.4	47.4	9.20	11.6	45.2	8.79	11.7	42.8	8.12	11.9	40.2	7.34	12.1
		240	49.6	9.38	12.6	47.4	9.10	12.7	45.2	8.70	12.8	42.7	8.02	12.9	40.1	7.26	13.0
	20	80	49.6	8.45	12.6	47.4	8.21	13.0	45.2	7.85	13.3	42.8	7.23	13.6	40.1	6.54	14.0
		160	49.6	8.35	16.3	47.4	8.09	16.5	45.2	7.74	16.6	42.7	7.16	16.8	40.1	6.45	17.0
		240	49.6	8.26	17.5	47.4	8.02	17.6	45.2	7.66	17.8	42.8	7.07	17.9	40.2	6.39	18.0
	25	80	49.6	7.20	17.4	47.4	6.99	17.8	45.2	6.68	18.1	42.8	6.17	18.4	40.2	5.56	18.8
		160	49.6	7.10	21.2	47.4	6.91	21.4	45.2	6.61	21.5	42.8	6.09	21.7	40.2	5.51	21.9
		240	49.6	6.97	22.5	47.4	6.76	22.6	45.2	6.46	22.7	42.7	5.97	22.8	40.1	5.39	22.9
	30	80	49.6	6.00	22.2	47.4	5.82	22.6	45.2	5.58	22.9	42.8	5.14	23.2	40.2	4.64	23.6
		160	49.6	5.94	26.1	47.4	5.77	26.3	45.2	5.51	26.4	42.8	5.08	26.6	40.2	4.60	26.8
		240	49.6	5.87	27.4	47.4	5.70	27.5	45.2	5.45	27.6	42.8	5.03	27.7	40.1	4.54	27.9
	35	80	49.6	5.45	27.1	47.4	5.29	27.5	45.2	5.07	27.8	42.7	4.67	28.2	40.2	4.22	28.6
		160	49.6	5.38	31.0	47.4	5.23	31.2	45.2	5.01	31.4	42.8	4.62	31.6	40.2	4.17	31.8
		240	49.6	5.32	32.4	47.4	5.17	32.5	45.2	4.94	32.6	42.8	4.56	32.7	40.2	4.12	32.8
	40	80	49.6	4.90	32.0	47.4	4.75	32.4	45.2	4.56	32.7	42.7	4.19	33.1	40.2	3.79	33.5
		160	49.6	4.85	36.0	47.4	4.71	36.2	45.2	4.50	36.4	42.8	4.15	36.5	40.1	3.75	36.7
		240	49.6	4.79	37.3	47.4	4.65	37.4	45.2	4.45	37.6	42.7	4.10	37.7	40.1	3.71	37.8
	45	80	49.6	4.16	36.9	47.4	4.04	37.2	45.2	3.87	37.6	42.7	3.57	38.0	40.2	3.22	38.4
		160	49.6	4.12	40.9	47.4	4.00	41.1	45.2	3.83	41.3	42.8	3.53	41.5	40.2	3.19	41.7
		240	49.6	4.07	42.3	47.4	3.95	42.4	45.2	3.78	42.5	42.8	3.48	42.7	40.2	3.15	42.8
80	10	80	40.1	9.75	4.6	38.3	9.48	4.8	36.5	9.08	5.1	34.5	8.37	5.3	32.5	7.55	5.5
		160	40.3	9.67	7.3	38.6	9.37	7.4	36.6	8.98	7.5	34.7	8.28	7.6	32.6	7.48	7.7
		240	42.7	9.59	8.0	40.8	9.30	8.1	38.8	8.91	8.2	36.8	8.21	8.3	34.6	7.41	8.4
	15	80	44.2	8.53	8.6	42.1	8.29	8.9	40.2	7.93	9.2	38.0	7.31	9.5	35.8	6.60	9.8
		160	44.2	8.45	11.8	42.2	8.19	12.0	40.2	7.85	12.1	38.0	7.24	12.2	35.8	6.53	12.4
		240	44.2	8.38	12.9	42.2	8.13	13.0	40.2	7.78	13.1	38.0	7.19	13.2	35.8	6.48	13.2
	20	80	44.2	7.52	13.4	42.3	7.29	13.7	40.1	6.98	14.1	38.0	6.43	14.3	35.8	5.81	14.6
		160	44.2	7.44	16.7	42.2	7.21	16.9	40.2	6.91	17.0	38.0	6.38	17.2	35.8	5.76	17.3
		240	44.2	7.38	17.8	42.3	7.16	17.9	40.2	6.85	18.0	38.0	6.32	18.1	35.8	5.71	18.2
	25	80	44.2	6.44	18.2	42.2	6.25	18.6	40.1	5.97	18.9	38.1	5.51	19.2	35.8	4.98	19.5
		160	44.2	6.35	21.6	42.2	6.16	21.8	40.2	5.89	21.9	38.1	5.44	22.1	35.8	4.90	22.2
		240	44.2	6.24	22.7	42.2	6.05	22.8	40.2	5.78	22.9	38.0	5.34	23.0	35.8	4.83	23.2
	30	80	44.2	5.34	23.0	42.2	5.19	23.4	40.2	4.96	23.7	38.0	4.58	24.0	35.8	4.14	24.3
		160	44.2	5.31	26.5	42.2	5.16	26.7	40.2	4.93	26.8	38.0	4.54	27.0	35.8	4.10	27.2
		240	44.2	5.22	27.7	42.2	5.08	27.8	40.2	4.85	27.9	38.0	4.47	28.0	35.8	4.05	28.1
	35	80	44.2	4.87	28.0	42.2	4.73	28.3	40.2	4.52	28.6	38.0	4.17	28.9	35.8	3.76	29.3
		160	44.2	4.85	31.5	42.2	4.70	31.6	40.2	4.49	31.8	38.0	4.15	32.0	35.8	3.75	32.1
		240	44.2	4.73	32.6	42.3	4.59	32.7	40.1	4.40	32.9	38.0	4.06	33.0	35.8	3.66	33.1
	40	80	44.2	4.38	32.9	42.2	4.26	33.2	40.1	4.07	33.5	38.0	3.75	33.9	35.8	3.39	34.2
		160	44.2	4.35	36.4	42.3	4.23	36.6	40.2	4.04	36.8	38.0	3.73	36.9	35.8	3.37	37.1
		240	44.2	4.26	37.6	42.2	4.13	37.7	40.2	3.95	37.8	38.0	3.64	37.9	35.8	3.29	38.1
	45	80	44.2	3.72	37.7	42.2	3.61	38.1	40.1	3.45	38.4	38.0	3.19	38.8	35.8	2.88	39.1
		160	44.2	3.70	41.4	42.3	3.59	41.5	40.2	3.43	41.7	38.0	3.16	41.9	35.8	2.86	42.0
		240	44.2	3.61	42.6	42.2	3.50	42.7	40.1	3.35	42.8	38.1	3.09	42.9	35.8	2.80	43.0

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	80	35.1	8.10	5.2	33.5	7.84	5.4	32.0	7.52	5.6	30.2	6.94	5.8	28.4	6.27	6.0
		160	35.3	8.05	7.6	33.7	7.83	7.7	32.1	7.49	7.8	30.4	6.90	7.9	28.5	6.24	8.0
		240	37.3	7.88	8.2	35.7	7.64	8.3	34.0	7.31	8.4	32.2	6.75	8.5	30.2	6.09	8.6
	15	80	38.6	7.06	9.3	37.0	6.87	9.6	35.1	6.57	9.9	33.2	6.05	10.1	31.3	5.48	10.4
		160	38.7	7.04	12.2	37.0	6.84	12.3	35.1	6.55	12.4	33.2	6.02	12.6	31.3	5.44	12.7
		240	38.6	6.88	13.1	37.0	6.68	13.2	35.1	6.38	13.3	33.2	5.90	13.4	31.2	5.33	13.5
	20	80	38.6	6.23	14.2	37.0	6.04	14.5	35.1	5.79	14.7	33.2	5.33	15.0	31.3	4.82	15.3
		160	38.6	6.21	17.1	37.0	6.02	17.2	35.2	5.75	17.4	33.2	5.32	17.5	31.2	4.80	17.6
		240	38.6	6.06	18.1	37.0	5.89	18.1	35.1	5.63	18.2	33.2	5.19	18.3	31.2	4.68	18.4
	25	80	38.6	5.30	19.0	37.0	5.14	19.3	35.1	4.93	19.6	33.2	4.54	19.9	31.2	4.11	20.1
		160	38.6	5.25	22.0	37.0	5.11	22.1	35.2	4.89	22.3	33.2	4.51	22.4	31.3	4.07	22.6
		240	38.6	5.16	23.0	37.0	5.01	23.1	35.1	4.79	23.2	33.2	4.42	23.3	31.2	3.99	23.4
	30	80	38.6	4.43	23.9	37.0	4.30	24.1	35.2	4.12	24.4	33.2	3.79	24.7	31.2	3.43	25.0
		160	38.6	4.39	26.9	37.0	4.27	27.1	35.1	4.08	27.2	33.2	3.77	27.4	31.2	3.40	27.5
		240	38.7	4.33	27.9	37.0	4.20	28.0	35.2	4.01	28.1	33.2	3.71	28.2	31.3	3.35	28.3
	35	80	38.6	4.05	28.8	37.0	3.94	29.1	35.2	3.77	29.4	33.2	3.47	29.7	31.3	3.14	30.0
		160	38.6	3.98	31.9	37.0	3.87	32.0	35.1	3.70	32.2	33.2	3.41	32.3	31.2	3.08	32.5
		240	38.6	3.94	32.9	37.0	3.82	33.0	35.1	3.65	33.1	33.2	3.37	33.2	31.2	3.05	33.3
	40	80	38.6	3.65	33.7	37.0	3.54	34.0	35.2	3.39	34.3	33.2	3.12	34.6	31.2	2.82	34.9
		160	38.6	3.58	36.9	37.0	3.48	37.0	35.2	3.33	37.1	33.2	3.07	37.3	31.3	2.77	37.4
		240	38.6	3.54	37.9	37.0	3.43	38.0	35.2	3.29	38.1	33.2	3.03	38.2	31.3	2.74	38.3
	45	80	38.6	3.10	38.6	37.0	3.01	38.9	35.2	2.88	39.2	33.2	2.66	39.5	31.3	2.40	39.8
		160	38.6	3.04	41.8	37.0	2.95	41.9	35.1	2.82	42.1	33.2	2.61	42.3	31.3	2.35	42.4
		240	38.6	3.00	42.9	37.0	2.92	43.0	35.2	2.79	43.1	33.2	2.58	43.2	31.2	2.33	43.3
60	10	80	30.1	6.68	5.8	28.8	6.49	6.0	27.4	6.21	6.2	25.9	5.72	6.4	24.3	5.17	6.6
		160	30.2	6.55	7.9	28.9	6.36	8.0	27.5	6.09	8.1	26.0	5.61	8.2	24.5	5.07	8.3
		240	32.0	6.50	8.5	30.6	6.31	8.5	29.2	6.05	8.6	27.6	5.58	8.7	25.9	5.04	8.8
	15	80	33.2	5.83	10.1	31.6	5.67	10.4	30.2	5.43	10.6	28.6	5.01	10.8	26.8	4.51	11.0
		160	33.2	5.73	12.5	31.7	5.56	12.7	30.2	5.32	12.8	28.6	4.90	12.9	26.8	4.43	13.0
		240	33.2	5.69	13.4	31.7	5.52	13.4	30.2	5.28	13.5	28.6	4.87	13.6	26.8	4.40	13.7
	20	80	33.2	5.14	15.0	31.7	4.99	15.2	30.2	4.77	15.4	28.6	4.41	15.7	26.8	3.98	15.9
		160	33.2	5.04	17.5	31.6	4.89	17.6	30.2	4.67	17.7	28.6	4.31	17.8	26.8	3.91	17.9
		240	33.2	5.01	18.3	31.6	4.86	18.4	30.2	4.65	18.5	28.6	4.29	18.5	26.8	3.87	18.6
	25	80	33.2	4.36	19.8	31.7	4.22	20.1	30.2	4.05	20.3	28.6	3.73	20.5	26.8	3.37	20.8
		160	33.2	4.29	22.4	31.6	4.17	22.5	30.2	3.98	22.7	28.6	3.68	22.8	26.8	3.32	22.9
		240	33.2	4.22	23.3	31.6	4.10	23.4	30.2	3.92	23.4	28.6	3.62	23.5	26.8	3.27	23.6
	30	80	33.2	3.62	24.7	31.7	3.51	25.0	30.2	3.37	25.2	28.6	3.10	25.4	26.8	2.80	25.7
		160	33.2	3.57	27.3	31.7	3.47	27.5	30.2	3.32	27.6	28.6	3.06	27.7	26.8	2.77	27.8
		240	33.2	3.53	28.2	31.7	3.42	28.3	30.2	3.28	28.4	28.6	3.03	28.5	26.8	2.74	28.6
	35	80	33.2	3.28	29.6	31.6	3.19	29.9	30.2	3.05	30.1	28.6	2.81	30.4	26.8	2.54	30.7
		160	33.2	3.28	32.3	31.7	3.19	32.4	30.2	3.05	32.6	28.6	2.81	32.7	26.8	2.54	32.8
		240	33.2	3.22	33.2	31.6	3.13	33.3	30.2	2.99	33.4	28.6	2.75	33.5	26.8	2.49	33.5
	40	80	33.2	2.96	34.6	31.6	2.87	34.8	30.2	2.74	35.1	28.6	2.53	35.3	26.8	2.28	35.6
		160	33.2	2.95	37.3	31.6	2.86	37.4	30.2	2.74	37.5	28.6	2.53	37.7	26.8	2.28	37.8
		240	33.2	2.90	38.2	31.6	2.81	38.3	30.2	2.69	38.4	28.6	2.48	38.4	26.8	2.24	38.5
	45	80	33.2	2.51	39.5	31.7	2.43	39.8	30.2	2.33	40.0	28.6	2.15	40.3	26.8	1.94	40.5
		160	33.2	2.50	42.3	31.6	2.43	42.4	30.2	2.33	42.5	28.6	2.15	42.6	26.8	1.94	42.8
		240	33.2	2.46	43.2	31.7	2.39	43.3	30.2	2.29	43.3	28.6	2.11	43.4	26.8	1.90	43.5
50	10	80	25.1	5.10	6.4	24.0	4.96	6.6	22.8	4.74	6.8	21.6	4.36	6.9	20.3	3.95	7.1
		160	25.2	5.06	8.2	24.1	4.90	8.3	22.9	4.68	8.4	21.7	4.33	8.4	20.4	3.91	8.5
		240	26.6	5.03	8.7	25.5	4.88	8.8	24.3	4.67	8.8	23.0	4.31	8.9	21.6	3.88	8.9
	15	80	27.6	4.46	10.9	26.4	4.32	11.0	25.2	4.14	11.2	23.8	3.81	11.4	22.4	3.45	11.6
		160	27.6	4.42	12.9	26.4	4.28	13.0	25.2	4.10	13.1	23.8	3.78	13.2	22.4	3.42	13.3
		240	27.6	4.39	13.6	26.4	4.26	13.7	25.2	4.07	13.7	23.8	3.76	13.8	22.4	3.40	13.9
	20	80	27.6	3.92	15.8	26.4	3.80	16.0	25.2	3.65	16.1	23.8	3.36	16.3	22.4	3.03	16.5
		160	27.6	3.88	17.9	26.4	3.78	18.0	25.2	3.61	18.1	23.8	3.33	18.2	22.4	3.01	18.3
		240	27.6	3.86	18.6	26.4	3.75	18.6	25.2	3.59	18.7	23.8	3.31	18.8	22.4	2.99	18.8
	25	80	27.6	3.34	20.7	26.4	3.25	20.9	25.2	3.10	21.0	23.8	2.86	21.2	22.4	2.59	21.5
		160	27.6	3.27	22.8	26.4	3.18	22.9	25.2	3.04	23.0	23.8	2.80	23.1	22.4	2.53	23.2
		240	27.6	3.28	23.5	26.4	3.19	23.6	25.2	3.05	23.7	23.8	2.81	23.7	22.4	2.54	23.8
	30	80	27.6	2.81	25.6	26.4	2.73	25.8	25.2	2.61	26.0	23.8	2.41	26.2	22.4	2.18	26.4
		160	27.6	2.75	27.8	26.4	2.67	27.9	25.2	2.55	28.0	23.8	2.36	28.1	22.4	2.13	28.2
		240	27.6	2.74	28.5	26.4	2.66	28.6	25.2	2.54	28.6	23.8	2.35	28.7	22.4	2.12	28.8
	35	80	27.6	2.55	30.5	26.4	2.47	30.7	25.2	2.37	30.9	23.8	2.18	31.1	22.4	1.97	31.3
		160	27.6	2.50	32.8	26.4	2.42	32.9	25.2	2.32	33.0	23.8	2.14	33.1	22.4	1.94	33.2
		240	27.6	2.46	33.5	26.4	2.39	33.6	25.2	2.29	33.6	23.8	2.11	33.7	22.4	1.91	33.8
	40	80	27.6	2.30	35.5	26.4	2.23	35.7	25.2	2.13	35.9	23.8	1.97	36.1	22.4	1.78	36.3
		160	27.6	2.25	37.7	26.4	2.18	37.8	25.2	2.09	37.9	23.8	1.93	38.0	22.4	1.74	38.1
		240	27.6	2.21	38.5	26.4	2.15	38.6	25.2	2.06	38.6	23.8	1.90	38.7	22.4	1.71	38.8
	45	80	27.6	1.95	40.4	26.4	1.89	40.6	25.2	1.81	40.8	23.8	1.67	41.0	22.4	1.51	41.3
		160	27.6	1.91	42.7	26.4	1.85	42.8	25.2	1.77	42.9	23.8	1.63	43.0	22.4	1.48	43.1
		240	27.6	1.88	43.5	26.4	1.83	43.5	25.2	1.75	43.6	23.8	1.61	43.7	22.4	1.45	43.7

1-5. AM180FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	88	50.3	3.37	18.7	55.5	4.01	19.7	59.7	4.40	20.4	63.9	4.66	21.2	65.5	4.72	21.4
		176	50.4	3.30	14.4	55.4	3.89	14.8	59.7	4.32	15.2	63.9	4.57	15.6	65.6	4.65	15.7
		264	50.4	3.25	12.9	55.5	3.83	13.2	59.7	4.20	13.5	63.9	4.42	13.7	65.7	4.54	13.8
	15	88	49.5	4.35	23.8	54.6	5.15	24.7	58.8	5.72	25.5	62.9	6.01	26.2	64.5	6.13	26.5
		176	49.5	4.28	19.4	54.6	5.03	19.9	58.8	5.62	20.2	62.9	5.91	20.6	64.6	6.05	20.8
		264	49.5	4.16	17.9	54.6	4.92	18.2	58.8	5.46	18.5	62.8	5.71	18.7	64.5	5.90	18.8
	20	88	48.9	5.19	28.8	53.8	6.06	29.8	58.2	6.78	30.6	61.9	7.10	31.2	63.7	7.27	31.6
		176	48.7	5.08	24.4	53.9	5.98	24.9	58.1	6.67	25.3	61.9	7.02	25.6	63.7	7.16	25.8
		264	48.8	4.92	22.9	53.8	5.80	23.2	58.1	6.48	23.5	62.0	6.76	23.7	63.6	6.98	23.8
	25	88	48.8	6.51	34.0	53.8	7.66	35.0	58.1	8.54	35.9	62.0	8.97	36.6	63.7	9.12	36.9
		176	48.7	6.42	29.5	53.9	7.55	30.0	58.1	8.39	30.4	62.0	8.85	30.8	63.8	8.98	30.9
		264	48.9	6.19	28.0	53.9	7.32	28.3	58.2	8.16	28.6	61.9	8.55	28.8	63.7	8.78	28.9
	30	88	48.8	7.64	39.2	53.9	8.98	40.2	58.2	10.03	41.1	61.9	10.50	41.8	63.7	10.68	42.1
		176	48.8	7.51	34.6	53.9	8.84	35.1	58.2	9.87	35.5	61.9	10.34	35.9	63.7	10.57	36.0
		264	48.8	7.28	33.0	53.9	8.55	33.4	58.2	9.53	33.7	62.0	10.01	33.9	63.7	10.28	34.0
	35	88	46.1	7.94	43.8	51.0	9.35	44.8	54.9	10.44	45.6	58.8	10.93	46.4	60.2	11.13	46.6
		176	46.1	7.79	39.4	51.1	9.20	39.9	55.0	10.24	40.3	58.8	10.77	40.7	60.2	11.01	40.8
		264	46.1	7.59	37.9	51.0	8.94	38.3	54.9	9.93	38.5	58.9	10.43	38.8	60.2	10.71	38.9
	40	88	38.5	8.28	47.6	42.5	9.73	48.5	45.7	10.85	49.2	49.1	11.40	49.8	50.4	11.62	50.1
		176	38.9	8.14	43.8	42.9	9.59	44.3	46.2	10.65	44.6	49.4	11.24	44.9	50.7	11.44	45.1
		264	39.5	7.88	42.6	43.5	9.27	42.9	46.8	10.37	43.1	50.1	10.87	43.3	51.6	11.20	43.4
	45	88	32.2	8.54	51.6	35.3	10.06	52.4	37.9	11.23	53.0	40.7	11.76	53.5	41.8	12.00	53.8
		176	32.5	8.40	48.3	35.6	9.89	48.7	38.3	11.02	49.0	41.0	11.63	49.3	42.1	11.83	49.4
		264	32.9	8.13	47.2	36.1	9.57	47.5	38.8	10.68	47.7	41.6	11.20	47.9	42.7	11.57	47.9
120	10	88	47.7	3.21	18.3	52.6	3.80	19.2	56.7	4.18	19.9	60.5	4.41	20.6	62.0	4.47	20.8
		176	47.7	3.16	14.1	52.6	3.73	14.6	56.7	4.09	15.0	60.4	4.32	15.3	62.2	4.40	15.4
		264	47.7	3.01	12.8	52.7	3.63	13.1	56.7	3.97	13.3	60.5	4.19	13.5	62.2	4.34	13.6
	15	88	47.1	4.17	23.4	51.8	4.92	24.2	55.9	5.49	25.0	59.8	5.75	25.7	61.4	5.84	26.0
		176	47.2	4.11	19.2	51.8	4.81	19.6	55.9	5.38	20.0	59.8	5.64	20.3	61.3	5.76	20.5
		264	47.2	3.96	17.8	51.9	4.71	18.1	56.0	5.21	18.3	59.7	5.47	18.5	61.3	5.64	18.6
	20	88	46.6	4.99	28.4	51.3	5.83	29.3	55.5	6.51	30.1	59.3	6.83	30.8	60.9	6.99	31.1
		176	46.6	4.87	24.2	51.3	5.74	24.6	55.5	6.41	25.0	59.3	6.75	25.4	60.9	6.86	25.5
		264	46.6	4.74	22.8	51.3	5.59	23.1	55.4	6.21	23.3	59.3	6.50	23.6	60.8	6.69	23.7
	25	88	46.6	6.25	33.6	51.3	7.35	34.6	55.4	8.16	35.4	59.2	8.59	36.0	60.8	8.75	36.3
		176	46.6	6.13	29.3	51.3	7.24	29.8	55.4	8.06	30.2	59.2	8.45	30.5	60.8	8.62	30.7
		264	46.7	5.92	27.9	51.4	7.00	28.2	55.4	7.83	28.4	59.3	8.19	28.7	60.9	8.39	28.8
	30	88	46.6	7.38	38.8	51.3	8.68	39.8	55.4	9.66	40.6	59.3	10.14	41.3	60.9	10.32	41.6
		176	46.6	7.24	34.4	51.3	8.53	34.9	55.4	9.53	35.3	59.3	9.97	35.6	60.9	10.19	35.8
		264	46.6	7.02	32.9	51.4	8.26	33.2	55.4	9.20	33.5	59.3	9.68	33.7	60.8	9.91	33.8
	35	88	44.8	7.78	43.6	49.5	9.16	44.6	53.4	10.22	45.4	56.9	10.70	46.0	58.5	10.90	46.3
		176	44.8	7.64	39.3	49.5	9.01	39.8	53.4	10.03	40.2	56.9	10.54	40.5	58.5	10.74	40.6
		264	44.8	7.41	37.8	49.5	8.75	38.2	53.4	9.72	38.4	56.9	10.18	38.6	58.5	10.46	38.7
	40	88	38.2	8.25	47.6	42.1	9.72	48.4	45.4	10.85	49.2	48.4	11.39	49.7	49.9	11.61	50.0
		176	38.5	8.12	43.8	42.5	9.58	44.2	45.8	10.64	44.6	48.9	11.19	44.9	50.3	11.41	45.0
		264	39.1	7.87	42.6	43.1	9.28	42.8	46.5	10.35	43.1	49.5	10.85	43.3	51.1	11.13	43.4
	45	88	32.5	8.66	51.7	36.0	10.22	52.5	38.8	11.41	53.2	41.3	11.94	53.7	42.5	12.19	53.9
		176	32.8	8.54	48.4	36.3	10.05	48.8	39.1	11.21	49.1	41.7	11.78	49.4	42.8	12.01	49.5
		264	33.3	8.25	47.3	36.7	9.76	47.5	39.6	10.85	47.7	42.3	11.41	47.9	43.5	11.69	48.0
110	10	88	45.0	3.00	17.8	49.5	3.59	18.6	53.5	3.94	19.4	57.1	4.17	20.0	58.5	4.21	20.2
		176	45.1	2.96	13.9	49.5	3.49	14.3	53.4	3.86	14.7	57.0	4.10	15.0	58.5	4.13	15.1
		264	45.1	2.87	12.6	49.5	3.39	12.9	53.4	3.79	13.1	57.1	3.96	13.3	58.5	4.06	13.4
	15	88	44.6	3.96	22.9	49.2	4.69	23.8	53.1	5.23	24.5	56.8	5.47	25.1	58.3	5.59	25.4
		176	44.6	3.90	19.0	49.2	4.58	19.4	53.1	5.13	19.7	56.8	5.39	20.1	58.3	5.49	20.2
		264	44.7	3.79	17.6	49.2	4.47	17.9	53.1	4.99	18.2	56.8	5.22	18.4	58.3	5.35	18.5
	20	88	44.5	4.79	28.0	49.0	5.60	28.9	52.9	6.26	29.6	56.4	6.55	30.3	58.0	6.70	30.5
		176	44.5	4.68	24.0	49.0	5.51	24.4	52.9	6.15	24.8	56.3	6.46	25.1	58.0	6.58	25.3
		264	44.5	4.55	22.7	49.0	5.36	22.9	52.9	5.97	23.2	56.4	6.26	23.4	57.9	6.39	23.5
	25	88	44.5	5.98	33.2	49.0	7.03	34.1	52.9	7.82	34.9	56.4	8.20	35.5	58.0	8.35	35.8
		176	44.5	5.89	29.1	49.0	6.92	29.6	52.9	7.70	29.9	56.5	8.07	30.3	57.9	8.22	30.4
		264	44.5	5.68	27.7	49.0	6.69	28.0	52.9	7.49	28.3	56.4	7.84	28.5	57.9	8.00	28.6
	30	88	44.4	7.11	38.4	49.0	8.37	39.3	53.0	9.32	40.1	56.4	9.78	40.8	58.0	9.95	41.1
		176	44.5	6.99	34.2	49.0	8.23	34.7	52.9	9.18	35.1	56.4	9.62	35.4	58.0	9.81	35.5
		264	44.5	6.76	32.8	48.9	7.99	33.1	52.9	8.89	33.4	56.4	9.33	33.6	58.0	9.54	33.7
	35	88	43.5	7.60	43.3	48.2	8.97	44.3	51.7	9.98	45.1	55.3	10.48	45.7	56.8	10.65	46.0
		176	43.5	7.48	39.2	48.2	8.80	39.6	51.7	9.82	40.0	55.4	10.30	40.4	56.8	10.50	40.5
		264	43.4	7.24	37.8	48.2	8.54	38.1	51.7	9.50	38.3	55.4	9.97	38.5	56.8	10.20	38.6
	40	88	37.8	8.27	47.5	41.8	9.74	48.4	44.8	10.83	49.1	48.2	11.36	49.7	49.5	11.59	50.0
		176	38.2	8.10	43.8	42.2	9.56	44.2	45.3	10.65	44.6	48.6	11.17	44.9	49.9	11.39	45.0
		264	38.7	7.85	42.5	42.7	9.27	42.8	45.8	10.34	43.1	49.2	10.84	43.3	50.6	11.09	43.3
	45	88	33.2	8.83	51.8	36.5	10.40	52.6	39.3	11.58	53.3	42.1	12.14	53.8	43.4	12.39	54.1
		176	33.5	8.66	48.4	36.8	10.21	48.8	39.7	11.38	49.2	42.5	11.99	49.4	43.7	12.19	49.5
		264	33.9	8.38	47.3	37.3	9.91	47.6	40.2	11.03	47.8	43.1	11.60	48.0	44.3	11.85	48.0

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	88	42.3	2.85	17.4	46.8	3.36	18.2	50.4	3.75	18.8	53.9	3.93	19.4	55.3	4.00	19.7
		176	42.3	2.80	13.7	46.8	3.30	14.1	50.4	3.67	14.4	53.9	3.86	14.7	55.3	3.93	14.8
		264	42.3	2.72	12.4	46.8	3.20	12.7	50.4	3.57	12.9	53.9	3.74	13.1	55.3	3.80	13.2
	15	88	42.3	3.81	22.5	46.8	4.48	23.4	50.4	4.99	24.0	53.9	5.24	24.6	55.3	5.34	24.9
		176	42.3	3.74	18.8	46.8	4.40	19.2	50.4	4.91	19.5	53.9	5.14	19.8	55.3	5.25	19.9
		264	42.3	3.62	17.5	46.8	4.27	17.8	50.4	4.76	18.0	53.9	4.99	18.2	55.3	5.08	18.3
	20	88	42.3	4.59	27.6	46.8	5.40	28.5	50.4	6.02	29.2	53.9	6.31	29.8	55.3	6.44	30.1
		176	42.3	4.51	23.8	46.8	5.32	24.2	50.4	5.91	24.6	53.9	6.20	24.9	55.3	6.33	25.0
		264	42.3	4.37	22.5	46.8	5.14	22.8	50.4	5.73	23.0	53.9	6.02	23.3	55.3	6.13	23.3
	25	88	42.3	5.72	32.8	46.8	6.73	33.7	50.4	7.50	34.4	53.9	7.86	35.1	55.3	8.01	35.3
		176	42.3	5.62	28.9	46.8	6.62	29.4	50.4	7.37	29.7	53.9	7.74	30.0	55.3	7.88	30.1
		264	42.3	5.45	27.6	46.8	6.41	27.9	50.4	7.15	28.1	53.9	7.49	28.3	55.3	7.63	28.4
	30	88	42.3	6.87	38.0	46.8	8.09	38.9	50.4	9.01	39.7	53.9	9.45	40.3	55.3	9.63	40.6
		176	42.3	6.75	34.0	46.8	7.96	34.5	50.4	8.89	34.8	53.9	9.29	35.1	55.3	9.47	35.3
		264	42.3	6.55	32.7	46.8	7.71	33.0	50.4	8.58	33.2	53.9	9.00	33.4	55.3	9.18	33.5
	35	88	42.3	7.46	43.1	46.8	8.78	44.1	50.4	9.79	44.8	53.9	10.28	45.5	55.3	10.46	45.7
		176	42.3	7.34	39.0	46.8	8.64	39.5	50.4	9.62	39.9	53.9	10.10	40.2	55.3	10.29	40.3
		264	42.3	7.11	37.7	46.8	8.38	38.0	50.4	9.33	38.2	53.9	9.78	38.5	55.3	9.97	38.5
	40	88	37.6	8.27	47.5	41.6	9.74	48.4	44.6	10.85	49.0	47.9	11.39	49.7	49.2	11.60	49.9
		176	37.9	8.13	43.8	41.9	9.58	44.2	45.1	10.67	44.5	48.3	11.19	44.8	49.5	11.38	45.0
		264	38.5	7.88	42.5	42.5	9.28	42.8	45.7	10.35	43.0	49.0	10.84	43.2	50.3	11.05	43.3
	45	88	33.8	9.00	52.0	37.3	10.60	52.8	40.1	11.80	53.5	43.0	12.39	54.0	44.1	12.62	54.2
		176	34.1	8.85	48.5	37.6	10.42	48.9	40.5	11.61	49.2	43.4	12.18	49.5	44.5	12.40	49.6
		264	34.6	8.58	47.3	38.1	10.11	47.6	41.0	11.24	47.8	44.0	11.80	48.0	45.1	12.04	48.1
90	10	88	38.1	2.70	16.6	42.1	3.18	17.4	45.2	3.54	17.9	48.5	3.71	18.5	49.8	3.78	18.7
		176	38.1	2.65	13.3	42.1	3.12	13.7	45.2	3.47	14.0	48.5	3.64	14.2	49.8	3.71	14.4
		264	38.1	2.58	12.2	42.1	3.04	12.4	45.2	3.38	12.6	48.5	3.56	12.8	49.8	3.62	12.9
	15	88	38.1	3.60	21.8	42.1	4.24	22.5	45.2	4.73	23.1	48.5	4.96	23.7	49.8	5.06	23.9
		176	38.1	3.53	18.4	42.1	4.16	18.8	45.2	4.63	19.1	48.5	4.86	19.3	49.8	4.96	19.5
		264	38.1	3.44	17.3	42.1	4.05	17.5	45.2	4.52	17.7	48.5	4.74	17.9	49.8	4.83	18.0
	20	88	38.1	4.34	26.9	42.1	5.11	27.7	45.2	5.70	28.3	48.5	5.97	28.9	49.8	6.09	29.1
		176	38.1	4.26	23.4	42.1	5.01	23.8	45.2	5.58	24.1	48.5	5.85	24.4	49.8	5.97	24.5
		264	38.1	4.15	22.3	42.1	4.88	22.6	45.2	5.44	22.7	48.5	5.71	22.9	49.8	5.82	23.0
	25	88	38.1	5.43	32.1	42.1	6.40	32.9	45.2	7.13	33.5	48.5	7.47	34.1	49.8	7.62	34.4
		176	38.1	5.33	28.5	42.1	6.28	28.9	45.2	6.99	29.2	48.5	7.34	29.5	49.8	7.48	29.7
		264	38.1	5.15	27.3	42.1	6.06	27.6	45.2	6.75	27.8	48.5	7.09	28.0	49.8	7.22	28.1
	30	88	38.1	6.51	37.3	42.1	7.66	38.1	45.3	8.55	38.8	48.5	8.96	39.4	49.8	9.12	39.6
		176	38.1	6.39	33.6	42.1	7.52	34.0	45.2	8.39	34.4	48.5	8.79	34.7	49.8	8.97	34.8
		264	38.1	6.22	32.4	42.1	7.33	32.7	45.2	8.18	32.9	48.5	8.58	33.1	49.8	8.73	33.2
	35	88	38.1	7.07	42.4	42.1	8.32	43.2	45.3	9.27	43.9	48.5	9.72	44.5	49.8	9.90	44.7
		176	38.1	6.93	38.7	42.1	8.16	39.1	45.2	9.11	39.4	48.5	9.55	39.7	49.8	9.72	39.8
		264	38.1	6.76	37.4	42.1	7.96	37.7	45.2	8.87	37.9	48.5	9.29	38.1	49.8	9.47	38.2
	40	88	33.9	7.83	46.8	37.4	9.21	47.6	40.2	10.27	48.2	43.1	10.77	48.8	44.2	10.97	49.0
		176	34.2	7.69	43.4	37.7	9.05	43.8	40.6	10.08	44.1	43.5	10.57	44.4	44.6	10.78	44.5
		264	34.6	7.49	42.3	38.3	8.82	42.6	41.2	9.82	42.8	44.2	10.30	43.0	45.2	10.50	43.0
	45	88	30.4	8.52	51.3	33.6	10.03	52.1	36.1	11.18	52.7	38.7	11.74	53.2	39.7	11.93	53.4
		176	30.7	8.37	48.2	33.9	9.85	48.6	36.4	10.97	48.9	39.1	11.51	49.1	40.0	11.74	49.2
		264	38.1	2.71	47.2	34.3	9.60	47.4	36.9	10.70	47.6	39.6	11.23	47.8	40.6	11.42	47.8
80	10	88	33.9	2.36	15.9	37.4	2.82	16.6	40.2	3.15	17.1	43.2	3.30	17.6	44.3	3.37	17.8
		176	33.9	2.29	12.9	37.4	2.78	13.3	40.2	3.09	13.5	43.2	3.25	13.8	44.3	3.30	13.9
		264	33.9	3.23	12.0	37.4	2.72	12.2	40.2	3.03	12.3	43.2	3.18	12.5	44.3	3.23	12.6
	15	88	33.9	3.15	21.0	37.4	3.77	21.7	40.2	4.20	22.2	43.2	4.41	22.8	44.3	4.49	22.9
		176	33.9	3.05	18.0	37.4	3.70	18.4	40.2	4.13	18.6	43.2	4.33	18.9	44.3	4.41	19.0
		264	33.9	3.89	17.1	37.4	3.62	17.2	40.2	4.04	17.4	43.2	4.23	17.6	44.3	4.31	17.6
	20	88	33.9	3.79	26.1	37.4	4.54	26.8	40.2	5.06	27.4	43.2	5.31	27.9	44.3	5.41	28.1
		176	33.9	3.68	23.1	37.4	4.47	23.4	40.2	4.98	23.7	43.2	5.22	23.9	44.3	5.32	24.0
		264	33.9	4.85	22.1	37.4	4.37	22.3	40.2	4.87	22.4	43.2	5.10	22.6	44.3	5.20	22.7
	25	88	33.9	4.77	31.3	37.4	5.72	32.0	40.2	6.38	32.6	43.2	6.68	33.1	44.3	6.81	33.3
		176	33.9	4.61	28.1	37.4	5.59	28.5	40.2	6.24	28.8	43.2	6.54	29.1	44.3	6.66	29.2
		264	33.9	5.80	27.2	37.4	5.42	27.3	40.2	6.04	27.5	43.2	6.34	27.7	44.3	6.45	27.8
	30	88	33.9	5.69	36.5	37.4	6.81	37.2	40.2	7.59	37.8	43.2	7.96	38.3	44.3	8.12	38.5
		176	33.9	5.54	33.2	37.4	6.74	33.6	40.2	7.50	33.9	43.2	7.87	34.2	44.3	8.01	34.3
		264	33.9	6.32	32.2	37.4	6.53	32.4	40.2	7.28	32.6	43.2	7.62	32.8	44.3	7.76	32.8
	35	88	33.9	6.20	41.5	37.4	7.44	42.3	40.2	8.28	42.9	43.2	8.69	43.5	44.3	8.85	43.7
		176	33.9	6.04	38.3	37.4	7.34	38.6	40.2	8.17	38.9	43.2	8.58	39.2	44.3	8.73	39.3
		264	30.1	6.98	37.0	37.4	7.07	37.4	40.2	7.88	37.6	43.2	8.27	37.8	44.3	8.41	37.9
	40	88	30.4	6.87	46.1	33.2	8.25	46.8	35.7	9.17	47.3	38.3	9.64	47.8	39.3	9.80	48.0
		176	30.8	6.70	43.1	33.6	8.14	43.4	36.0	9.07	43.7	38.7	9.51	43.9	39.7	9.67	44.0
		264	27.1	7.60	41.9	34.0	7.83	42.3	36.6	8.72	42.5	39.2	9.14	42.6	40.2	9.33	42.7
	45	88	27.3	7.49	50.7	29.8	8.97	51.3	32.1	9.99	51.9	34.4	10.47	52.3	35.3	10.67	52.5
		176	27.7	7.29	47.8	30.1	8.85	48.2	32.3	9.86	48.4	34.7	10.35	48.7	35.6	10.54	48.8
		264	30.5	2.28	46.8	30.5	8.53	47.1	32.8	9.50	47.3	35.2	9.97	47.5	36.1	10.15	47.5

1-5. AM180FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	88	29.7	1.99	15.2	32.8	2.34	15.7	35.1	2.61	16.1	37.8	2.74	16.6	38.7	2.79	16.8
		176	29.7	1.97	12.6	32.8	2.31	12.9	35.1	2.58	13.1	37.8	2.70	13.3	38.7	2.76	13.4
		264	29.7	1.89	11.7	32.8	2.23	11.9	35.1	2.48	12.0	37.8	2.61	12.2	38.6	2.66	12.2
	15	88	29.7	2.65	20.3	32.8	3.13	20.9	35.1	3.48	21.3	37.8	3.65	21.8	38.7	3.72	21.9
		176	29.7	2.63	17.6	32.8	3.09	17.9	35.1	3.44	18.1	37.8	3.61	18.4	38.7	3.68	18.5
		264	29.7	2.53	16.7	32.8	2.98	16.9	35.1	3.31	17.1	37.8	3.48	17.2	38.7	3.55	17.3
	20	88	29.7	3.20	25.4	32.8	3.77	26.0	35.1	4.19	26.4	37.8	4.40	26.9	38.7	4.48	27.0
		176	29.7	3.16	22.7	32.8	3.72	23.0	35.1	4.15	23.2	37.8	4.36	23.4	38.7	4.43	23.5
		264	29.7	3.05	21.8	32.8	3.58	22.0	35.1	4.00	22.1	37.8	4.19	22.3	38.7	4.27	22.3
	25	88	29.7	4.00	30.5	32.8	4.71	31.1	35.1	5.25	31.6	37.8	5.51	32.1	38.7	5.62	32.2
		176	29.7	3.94	27.7	32.8	4.64	28.0	35.1	5.17	28.3	37.8	5.42	28.5	38.7	5.52	28.6
		264	29.7	3.81	26.8	32.8	4.49	27.0	35.1	5.01	27.2	37.8	5.25	27.3	38.7	5.34	27.4
	30	88	29.7	4.81	35.6	32.8	5.66	36.3	35.1	6.31	36.7	37.8	6.61	37.2	38.7	6.73	37.4
		176	29.7	4.73	32.8	32.8	5.57	33.1	35.1	6.21	33.4	37.8	6.50	33.6	38.7	6.63	33.7
		264	29.7	4.60	31.9	32.8	5.40	32.1	35.1	6.02	32.2	37.8	6.31	32.4	38.7	6.44	32.4
	35	88	29.7	5.26	40.7	32.8	6.20	41.4	35.1	6.91	41.8	37.8	7.24	42.3	38.7	7.38	42.5
		176	29.7	5.13	37.8	32.8	6.03	38.2	35.1	6.72	38.4	37.8	7.06	38.7	38.6	7.19	38.7
		264	29.7	4.99	36.9	32.8	5.88	37.1	35.1	6.55	37.3	37.8	6.87	37.4	38.7	7.00	37.5
	40	88	26.4	5.83	45.2	29.1	6.86	45.9	31.2	7.65	46.3	33.6	8.02	46.8	34.4	8.17	46.9
		176	26.6	5.68	42.6	29.3	6.68	42.9	31.6	7.45	43.2	33.8	7.82	43.4	34.6	7.97	43.5
		264	27.0	5.54	41.8	29.8	6.52	42.0	32.0	7.26	42.1	34.3	7.61	42.3	35.2	7.76	42.3
	45	88	23.7	6.35	49.9	26.1	7.48	50.5	28.1	8.33	50.9	30.1	8.74	51.3	30.9	8.89	51.5
		176	23.9	6.18	47.4	26.3	7.27	47.7	28.3	8.11	48.0	30.4	8.50	48.2	31.2	8.67	48.2
		264	24.2	6.02	46.6	26.7	7.09	46.8	28.7	7.90	47.0	30.8	8.28	47.1	31.6	8.45	47.2
60	10	88	25.4	1.64	14.4	28.1	1.93	14.9	30.2	2.16	15.3	32.4	2.26	15.6	33.2	2.30	15.8
		176	25.4	1.60	12.2	28.0	1.88	12.4	30.2	2.10	12.6	32.4	2.20	12.8	33.1	2.24	12.9
		264	25.4	1.57	11.5	28.1	1.84	11.6	30.2	2.05	11.7	32.4	2.15	11.9	33.1	2.20	11.9
	15	88	25.4	2.19	19.5	28.0	2.58	20.0	30.2	2.88	20.4	32.4	3.02	20.8	33.1	3.07	20.9
		176	25.4	2.14	17.2	28.0	2.51	17.5	30.2	2.80	17.7	32.4	2.94	17.9	33.2	2.99	17.9
		264	25.4	2.09	16.5	28.0	2.46	16.7	30.2	2.74	16.8	32.4	2.88	16.9	33.1	2.93	17.0
	20	88	25.4	2.64	24.6	28.1	3.11	25.1	30.2	3.47	25.5	32.4	3.64	25.9	33.2	3.71	26.0
		176	25.4	2.57	22.3	28.0	3.03	22.5	30.2	3.37	22.7	32.4	3.54	22.9	33.1	3.60	23.0
		264	25.4	2.52	21.5	28.1	2.96	21.7	30.2	3.30	21.8	32.3	3.46	21.9	33.1	3.53	22.0
	25	88	25.4	3.29	29.7	28.0	3.87	30.2	30.2	4.31	30.6	32.4	4.52	31.0	33.1	4.61	31.1
		176	25.4	3.22	27.3	28.0	3.79	27.6	30.2	4.22	27.8	32.3	4.43	28.0	33.2	4.51	28.1
		264	25.4	3.12	26.5	28.0	3.67	26.7	30.2	4.09	26.9	32.4	4.29	27.0	33.1	4.37	27.0
	30	88	25.4	3.92	34.8	28.0	4.62	35.3	30.2	5.15	35.8	32.4	5.40	36.2	33.2	5.51	36.3
		176	25.4	3.84	32.4	28.0	4.53	32.7	30.2	5.04	32.9	32.4	5.29	33.1	33.1	5.39	33.1
		264	25.4	3.75	31.6	28.1	4.41	31.8	30.2	4.92	31.9	32.4	5.15	32.0	33.1	5.26	32.1
	35	88	25.4	4.26	39.8	28.1	5.01	40.4	30.2	5.59	40.8	32.4	5.86	41.2	33.1	5.97	41.4
		176	25.4	4.22	37.4	28.0	4.97	37.7	30.2	5.53	37.9	32.4	5.81	38.1	33.2	5.92	38.2
		264	25.4	4.08	36.6	28.0	4.82	36.8	30.2	5.36	36.9	32.4	5.63	37.1	33.2	5.72	37.1
	40	88	22.6	4.72	44.5	24.9	5.56	45.0	26.8	6.19	45.4	28.8	6.50	45.7	29.5	6.61	45.9
		176	22.8	4.68	42.2	25.2	5.51	42.5	27.0	6.13	42.7	29.0	6.44	42.9	29.8	6.55	43.0
		264	23.1	4.53	41.5	25.5	5.33	41.7	27.4	5.93	41.8	29.4	6.23	41.9	30.1	6.34	42.0
	45	88	20.3	5.14	49.1	22.4	6.05	49.6	24.1	6.74	50.0	25.8	7.07	50.4	26.5	7.20	50.5
		176	20.4	5.09	47.1	22.6	5.99	47.3	24.3	6.68	47.5	26.0	7.00	47.7	26.7	7.14	47.8
		264	20.7	4.93	46.4	22.9	5.80	46.6	24.6	6.46	46.7	26.4	6.77	46.8	27.1	6.90	46.8
50	10	88	21.2	1.25	13.7	23.3	1.47	14.0	25.2	1.64	14.4	27.0	1.73	14.7	27.7	1.76	14.8
		176	21.2	1.23	11.8	23.4	1.45	12.0	25.2	1.62	12.2	27.0	1.70	12.3	27.7	1.73	12.4
		264	21.2	1.21	11.2	23.4	1.42	11.3	25.2	1.58	11.5	27.0	1.66	11.6	27.7	1.69	11.6
	15	88	21.2	1.67	18.7	23.4	1.97	19.1	25.2	2.19	19.5	27.0	2.30	19.8	27.7	2.34	19.9
		176	21.2	1.64	16.9	23.4	1.94	17.1	25.2	2.15	17.2	27.0	2.27	17.4	27.7	2.31	17.4
		264	21.2	1.61	16.2	23.4	1.90	16.4	25.2	2.11	16.5	27.0	2.22	16.6	27.7	2.26	16.6
	20	88	21.2	2.02	23.8	23.4	2.37	24.2	25.2	2.64	24.5	27.0	2.77	24.8	27.7	2.83	25.0
		176	21.2	1.98	21.9	23.4	2.33	22.1	25.2	2.60	22.3	27.0	2.72	22.4	27.7	2.78	22.5
		264	21.2	1.94	21.3	23.4	2.29	21.4	25.2	2.55	21.5	27.0	2.67	21.6	27.7	2.73	21.6
	25	88	21.2	2.53	28.9	23.4	2.97	29.3	25.2	3.32	29.6	27.0	3.47	30.0	27.7	3.54	30.1
		176	21.2	2.45	26.9	23.3	2.88	27.1	25.2	3.21	27.3	27.0	3.37	27.5	27.7	3.43	27.5
		264	21.2	2.43	26.3	23.4	2.86	26.4	25.2	3.18	26.5	27.0	3.34	26.6	27.7	3.40	26.7
	30	88	21.2	3.04	34.0	23.4	3.59	34.4	25.2	4.00	34.8	27.0	4.19	35.1	27.7	4.27	35.2
		176	21.2	2.96	32.0	23.4	3.49	32.2	25.2	3.89	32.4	27.0	4.08	32.5	27.7	4.15	32.6
		264	21.2	2.90	31.3	23.4	3.41	31.5	25.2	3.81	31.6	27.0	4.00	31.7	27.7	4.07	31.7
	35	88	21.2	3.30	39.0	23.4	3.89	39.4	25.2	4.34	39.8	27.0	4.55	40.1	27.7	4.64	40.3
		176	21.2	3.22	37.0	23.4	3.79	37.2	25.1	4.22	37.4	27.0	4.43	37.6	27.7	4.51	37.6
		264	21.2	3.13	36.3	23.4	3.68	36.5	25.2	4.10	36.6	27.0	4.30	36.7	27.7	4.39	36.7
	40	88	18.8	3.66	43.7	20.8	4.31	44.1	22.3	4.80	44.4	23.9	5.04	44.7	24.6	5.13	44.8
		176	19.0	3.56	41.8	21.0	4.20	42.0	22.5	4.68	42.2	24.2	4.90	42.4	24.8	5.00	42.4
		264	19.2	3.46	41.2	21.3	4.08	41.4	22.8	4.55	41.5	24.5	4.77	41.6	25.1	4.85	41.6
	45	88	16.9	3.98	48.4	18.7	4.70	48.8	20.0	5.22	49.1	21.5	5.48	49.4	22.0	5.59	49.5
		176	17.1	3.88	46.7	18.8	4.56	46.9	20.2	5.09	47.1	21.7	5.34	47.2	22.3	5.45	47.3
		264	17.3	3.77	46.1	19.1	4.44	46.3	20.5	4.95	46.4	22.0	5.19	46.5	22.6	5.29	46.5

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	80	64.6	13.10	0.8	63.0	12.60	1.0	60.3	12.26	1.4	56.8	11.41	1.9	54.5	10.48	2.1
		160	65.9	12.62	5.2	64.0	12.38	5.4	61.6	12.06	5.6	57.9	11.20	5.8	55.5	10.29	5.9
		240	69.6	12.71	6.6	68.3	12.42	6.7	65.8	11.96	6.8	61.9	11.15	7.0	59.5	10.42	7.1
	15	80	71.2	11.61	4.3	69.4	11.08	4.6	66.6	10.71	5.0	62.5	9.97	5.6	59.9	9.16	5.9
		160	73.0	10.80	9.4	71.4	10.74	9.6	68.7	10.56	9.8	64.6	9.72	10.1	61.7	8.90	10.3
		240	72.6	11.29	11.3	71.9	11.07	11.4	70.0	10.59	11.5	65.7	9.77	11.7	62.9	9.35	11.8
	20	80	73.1	11.00	8.9	71.8	10.52	9.0	69.2	10.09	9.4	64.9	9.22	10.0	62.0	8.76	10.5
		160	74.4	10.37	14.3	73.8	10.36	14.3	71.4	10.03	14.5	67.0	9.45	14.8	64.1	9.06	15.1
		240	74.3	10.50	16.2	73.5	10.30	16.2	72.5	10.18	16.3	67.9	9.53	16.5	64.9	9.18	16.7
	25	80	75.6	10.21	13.3	73.5	10.06	13.6	72.1	9.83	13.8	68.2	9.26	14.4	65.5	8.78	14.8
		160	74.6	9.94	19.2	73.5	10.08	19.3	72.2	9.74	19.4	68.1	9.22	19.7	65.5	8.74	19.9
		240	73.9	9.88	21.2	73.6	9.63	21.2	72.1	9.66	21.3	68.1	9.14	21.5	65.5	8.36	21.6
	30	80	74.1	9.16	18.4	73.5	9.23	18.5	72.2	9.35	18.7	68.3	8.62	19.3	65.6	8.27	19.7
		160	74.1	8.96	24.2	73.5	9.28	24.2	72.1	9.13	24.4	68.3	8.61	24.6	65.5	7.88	24.8
		240	74.1	8.88	26.1	73.5	8.76	26.1	72.2	8.94	26.2	68.3	8.24	26.4	65.4	8.08	26.6
	35	80	74.1	8.63	23.3	73.5	8.90	23.4	72.1	9.25	23.7	68.3	8.42	24.3	65.5	7.79	24.7
		160	74.1	8.65	29.1	73.6	9.06	29.2	72.2	9.09	29.3	68.2	8.45	29.7	65.5	7.76	29.8
		240	74.2	8.51	31.1	73.5	8.73	31.1	72.2	8.88	31.2	68.3	8.08	31.4	65.6	7.43	31.5
	40	80	74.2	8.04	28.1	73.5	8.34	28.3	72.2	8.94	28.7	68.1	8.21	29.3	65.6	7.61	29.6
		160	74.1	8.05	34.1	73.5	8.46	34.2	72.2	8.67	34.3	68.3	8.10	34.6	65.7	7.48	34.8
		240	74.1	7.98	36.0	73.5	8.13	36.1	72.2	8.74	36.2	68.2	7.96	36.4	65.5	7.35	36.5
	45	80	74.2	7.08	33.0	73.5	7.42	33.2	72.1	8.32	33.6	68.2	7.65	34.2	65.5	7.14	34.5
		160	74.2	7.13	39.0	73.5	7.55	39.1	72.1	7.89	39.2	68.2	7.37	39.6	65.5	6.90	39.7
		240	74.1	7.18	41.0	73.5	7.15	41.0	72.2	8.25	41.2	68.3	7.46	41.4	65.5	7.01	41.5
120	10	80	61.6	12.97	1.3	60.0	12.56	1.5	57.3	12.17	1.9	54.1	11.23	2.3	51.6	10.32	2.6
		160	62.4	12.81	5.6	60.9	12.48	5.7	58.0	12.06	5.9	54.9	11.11	6.1	52.4	10.13	6.2
		240	66.0	12.58	6.8	63.8	12.26	6.9	62.0	11.95	7.0	58.6	11.04	7.2	55.9	10.08	7.3
	15	80	67.8	11.39	4.9	65.9	10.96	5.2	63.4	10.57	5.5	59.6	9.82	6.1	56.8	9.00	6.4
		160	68.8	11.17	9.8	67.5	10.92	9.9	64.8	10.54	10.1	60.9	9.71	10.4	57.9	8.78	10.6
		240	68.6	11.00	11.6	66.8	10.72	11.6	65.5	10.58	11.7	61.7	9.76	11.9	58.6	8.84	12.0
	20	80	69.0	10.55	9.5	67.6	10.11	9.7	64.9	9.66	10.1	61.2	8.92	10.6	58.0	8.51	11.1
		160	69.9	10.23	14.7	69.1	10.15	14.7	66.3	9.78	14.9	62.5	9.12	15.2	59.6	8.56	15.4
		240	69.6	10.22	16.5	68.0	9.97	16.5	67.3	9.84	16.6	63.2	9.23	16.8	60.0	8.70	16.9
	25	80	71.0	9.65	14.0	68.7	9.32	14.4	66.9	9.11	14.6	63.2	8.52	15.2	60.6	8.05	15.6
		160	70.2	9.40	19.6	68.7	9.35	19.7	66.8	9.14	19.8	63.1	8.46	20.1	60.6	8.02	20.3
		240	70.1	9.02	21.4	68.7	8.93	21.4	66.8	9.01	21.5	63.2	8.60	21.7	60.6	7.65	21.8
	30	80	70.0	8.50	19.0	68.6	8.54	19.2	66.9	8.52	19.5	63.1	7.73	20.1	60.6	7.40	20.5
		160	70.0	8.30	24.5	68.6	8.44	24.6	66.9	8.37	24.8	63.2	7.72	25.0	60.6	7.03	25.2
		240	70.0	8.01	26.3	68.6	8.02	26.4	67.0	8.15	26.5	63.3	7.57	26.7	60.5	7.22	26.8
	35	80	70.0	7.97	23.9	68.6	8.05	24.2	66.9	8.27	24.5	63.3	7.52	25.0	60.6	6.91	25.4
		160	70.1	7.80	29.4	68.7	8.07	29.6	66.9	7.97	29.7	63.3	7.37	30.0	60.6	6.75	30.2
		240	70.1	7.54	31.3	68.6	7.84	31.4	66.8	8.01	31.5	63.2	7.25	31.7	60.6	6.64	31.8
	40	80	70.0	7.40	28.8	68.6	7.44	29.0	66.9	7.82	29.4	63.2	7.13	30.0	60.7	6.59	30.3
		160	70.1	7.09	34.4	68.7	7.38	34.5	66.9	7.54	34.7	63.2	7.01	35.0	60.7	6.43	35.1
		240	70.1	7.09	36.2	68.7	7.11	36.3	66.9	7.60	36.5	63.2	6.90	36.6	60.6	6.33	36.8
	45	80	70.0	6.53	33.6	68.6	6.49	33.9	66.9	7.08	34.3	63.3	6.47	34.8	60.6	6.00	35.2
		160	70.1	6.11	39.3	68.6	6.40	39.4	66.9	6.80	39.6	63.1	6.32	39.9	60.6	5.87	40.1
		240	70.1	6.39	41.2	68.7	6.12	41.3	66.9	6.90	41.4	63.3	6.21	41.6	60.7	5.78	41.7
110	10	80	58.8	13.12	1.8	57.1	12.63	2.0	54.3	12.20	2.5	51.4	11.25	2.8	48.6	10.33	3.1
		160	59.5	12.85	5.8	57.4	12.48	6.0	54.8	12.04	6.2	52.0	11.12	6.3	49.1	10.12	6.5
		240	62.9	12.69	7.0	61.0	12.27	7.1	58.5	11.86	7.2	55.1	10.94	7.4	52.2	10.08	7.5
	15	80	64.7	11.45	5.5	62.7	11.07	5.8	59.9	10.64	6.2	56.7	9.81	6.6	53.4	9.01	7.0
		160	65.4	11.05	10.1	63.6	10.92	10.3	60.7	10.55	10.5	57.2	9.72	10.7	54.1	8.78	10.9
		240	65.3	11.04	11.8	63.4	10.71	11.9	61.2	10.37	12.0	57.5	9.56	12.1	54.2	8.85	12.3
	20	80	65.5	10.24	10.1	63.5	9.96	10.4	60.8	9.51	10.8	57.2	8.79	11.3	54.1	8.24	11.8
		160	65.9	10.02	15.0	64.2	9.83	15.1	61.6	9.48	15.3	58.0	8.85	15.6	54.8	8.16	15.8
		240	65.9	10.14	16.7	64.0	9.78	16.8	62.1	9.52	16.9	58.3	8.70	17.0	55.3	8.25	17.2
	25	80	66.4	9.01	14.7	64.1	8.76	15.1	61.9	8.59	15.4	58.4	7.92	16.0	55.5	7.33	16.4
		160	66.0	8.86	19.9	64.1	8.70	20.0	62.0	8.51	20.2	58.4	7.87	20.5	55.4	7.29	20.7
		240	66.0	8.98	21.6	64.1	8.69	21.7	61.9	8.36	21.8	58.4	8.00	22.0	55.5	6.94	22.1
	30	80	66.0	7.57	19.5	64.1	7.70	19.9	62.0	7.58	20.3	58.4	7.01	20.8	55.5	6.41	21.2
		160	66.0	7.52	24.8	64.1	7.62	24.9	62.0	7.41	25.1	58.4	6.96	25.4	55.5	6.18	25.6
		240	66.0	7.54	26.5	64.1	7.30	26.6	62.0	7.22	26.7	58.4	6.65	26.9	55.4	6.34	27.1
	35	80	66.1	7.07	24.4	64.0	7.06	24.8	61.9	7.17	25.2	58.3	6.47	25.7	55.5	5.91	26.1
		160	66.0	7.04	29.7	64.0	7.20	29.9	61.9	7.01	30.1	58.4	6.44	30.3	55.5	5.86	30.6
		240	66.0	6.66	31.5	64.0	6.84	31.6	61.9	6.82	31.7	58.3	6.34	31.9	55.5	5.77	32.0
	40	80	66.0	6.40	29.3	64.1	6.56	29.7	61.9	6.72	30.1	58.3	6.08	30.6	55.5	5.55	31.0
		160	66.0	6.37	34.7	64.0	6.52	34.8	62.0	6.41	35.0	58.4	6.07	35.3	55.5	5.55	35.5
		240	66.0	6.34	36.4	64.1	6.19	36.5	62.0	6.48	36.7	58.3	5.73	36.9	55.4	5.22	37.0
	45	80	66.0	5.45	34.2	64.1	5.78	34.5	61.9	6.00	35.0	58.3	5.45	35.5	55.5	4.98	35.9
		160	66.0	5.45	39.6	64.1	5.61	39.8	61.9	5.56	40.0	58.4	5.40	40.3	55.4	5.00	40.5
		240	66.0	5.80	41.4	64.0	5.30	41.5	61.9	5.89	41.7	58.4	4.88	41.8	55.5	4.46	42.0

1-5. AM180FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	80	56.4	13.21	2.3	53.9	12.82	2.6	51.3	12.27	3.0	48.6	11.32	3.3	45.7	10.23	3.6
		160	56.7	13.07	6.1	54.1	12.71	6.3	51.6	12.13	6.5	48.8	11.20	6.6	45.9	10.11	6.8
		240	60.0	12.84	7.2	57.4	12.47	7.3	54.7	11.93	7.4	51.7	11.01	7.6	48.6	9.95	7.7
	15	80	62.0	11.54	6.0	59.4	11.19	6.4	56.7	10.71	6.8	53.5	9.88	7.2	50.2	8.92	7.6
		160	62.0	11.43	10.5	59.4	11.08	10.7	56.7	10.61	10.9	53.5	9.78	11.1	50.2	8.83	11.3
		240	62.0	11.22	12.0	59.4	10.89	12.1	56.7	10.43	12.2	53.5	9.62	12.4	50.2	8.68	12.5
	20	80	62.0	10.16	10.7	59.4	9.86	11.1	56.7	9.42	11.5	53.5	8.69	12.0	50.2	7.86	12.4
		160	62.0	10.06	15.3	59.4	9.76	15.6	56.7	9.37	15.8	53.5	8.62	16.0	50.2	7.78	16.2
		240	62.0	9.89	16.9	59.4	9.59	17.0	56.7	9.18	17.2	53.5	8.47	17.3	50.2	7.65	17.5
	25	80	62.0	8.61	15.4	59.4	8.37	15.9	56.7	8.00	16.3	53.5	7.37	16.7	50.2	6.67	17.2
		160	62.0	8.53	20.2	59.4	8.27	20.4	56.7	7.91	20.6	53.5	7.30	20.9	50.2	6.60	21.1
		240	62.0	8.38	21.8	59.4	8.13	21.9	56.7	7.79	22.1	53.5	7.18	22.2	50.2	6.49	22.4
	30	80	62.0	7.20	20.2	59.4	7.00	20.6	56.7	6.69	21.0	53.5	6.17	21.5	50.2	5.58	22.0
		160	62.0	7.13	25.1	59.4	6.92	25.3	56.7	6.63	25.5	53.5	6.12	25.8	50.2	5.52	26.0
		240	62.0	7.01	26.7	59.4	6.81	26.9	56.7	6.52	27.0	53.5	6.01	27.2	50.2	5.43	27.3
	35	80	62.0	6.55	25.1	59.4	6.35	25.5	56.7	6.08	25.9	53.5	5.61	26.4	50.2	5.07	26.9
		160	62.0	6.49	30.0	59.4	6.30	30.2	56.7	6.02	30.5	53.5	5.55	30.7	50.2	5.02	31.0
		240	62.0	6.37	31.7	59.4	6.18	31.8	56.7	5.92	32.0	53.5	5.46	32.1	50.2	4.93	32.3
	40	80	62.0	5.89	29.9	59.4	5.72	30.4	56.7	5.47	30.8	53.5	5.04	31.3	50.2	4.56	31.8
		160	62.0	5.82	35.0	59.4	5.66	35.2	56.7	5.42	35.4	53.5	4.99	35.7	50.2	4.51	35.9
		240	62.0	5.73	36.6	59.4	5.57	36.8	56.7	5.32	36.9	53.5	4.91	37.1	50.2	4.44	37.3
	45	80	62.0	5.00	34.8	59.4	4.85	35.2	56.7	4.64	35.7	53.5	4.29	36.2	50.2	3.87	36.7
		160	62.0	4.95	39.9	59.4	4.81	40.1	56.7	4.60	40.3	53.5	4.25	40.6	50.2	3.83	40.8
		240	62.0	4.87	41.6	59.4	4.72	41.7	56.7	4.52	41.9	53.5	4.17	42.1	50.2	3.77	42.2
90	10	80	50.8	12.50	3.1	48.6	12.11	3.5	46.2	11.60	3.8	43.7	10.70	4.1	41.1	9.68	4.4
		160	51.0	12.33	6.5	48.8	11.97	6.7	46.4	11.46	6.9	43.9	10.57	7.0	41.3	9.55	7.2
		240	54.0	12.21	7.5	51.7	11.83	7.6	49.2	11.32	7.7	46.5	10.45	7.8	43.7	9.43	8.0
	15	80	55.9	10.92	6.9	53.4	10.61	7.3	50.9	10.14	7.7	48.1	9.37	8.1	45.2	8.45	8.4
		160	55.9	10.79	11.0	53.4	10.46	11.2	50.9	10.01	11.3	48.1	9.23	11.5	45.2	8.34	11.7
		240	55.9	10.67	12.3	53.4	10.34	12.4	50.9	9.90	12.6	48.1	9.12	12.7	45.2	8.25	12.8
	20	80	55.9	9.60	11.7	53.4	9.34	12.1	50.9	8.93	12.5	48.1	8.24	12.9	45.1	7.44	13.2
		160	55.9	9.49	15.8	53.4	9.21	16.0	50.9	8.81	16.2	48.1	8.13	16.4	45.2	7.34	16.6
		240	55.9	9.39	17.2	53.4	9.11	17.4	50.9	8.72	17.5	48.1	8.04	17.6	45.2	7.27	17.7
	25	80	55.9	8.18	16.4	53.4	7.95	16.9	50.9	7.60	17.2	48.1	7.01	17.6	45.2	6.33	18.0
		160	55.9	8.08	20.7	53.4	7.86	20.9	50.9	7.52	21.1	48.1	6.93	21.3	45.2	6.26	21.5
		240	55.9	7.92	22.1	53.4	7.69	22.3	50.9	7.35	22.4	48.1	6.79	22.5	45.2	6.14	22.7
	30	80	55.9	6.83	21.2	53.4	6.62	21.6	50.9	6.34	22.0	48.1	5.85	22.4	45.2	5.29	22.8
		160	55.9	6.75	25.6	53.4	6.56	25.8	50.9	6.27	26.0	48.1	5.78	26.2	45.2	5.22	26.4
		240	55.9	6.68	27.1	53.4	6.49	27.2	50.9	6.20	27.3	48.1	5.72	27.5	45.1	5.16	27.6
	35	80	55.9	6.20	26.1	53.4	6.02	26.5	50.9	5.75	26.9	48.1	5.31	27.3	45.2	4.80	27.8
		160	55.9	6.13	30.5	53.4	5.95	30.7	50.9	5.70	31.0	48.1	5.25	31.2	45.2	4.74	31.4
		240	55.9	6.06	32.0	53.4	5.88	32.2	50.9	5.62	32.3	48.1	5.19	32.4	45.2	4.68	32.6
	40	80	55.9	5.57	31.0	53.4	5.41	31.4	50.9	5.18	31.8	48.1	4.77	32.2	45.2	4.31	32.7
		160	55.9	5.51	35.5	53.4	5.35	35.7	50.9	5.12	35.9	48.1	4.72	36.1	45.2	4.27	36.3
		240	55.9	5.45	37.0	53.4	5.29	37.1	50.9	5.06	37.3	48.1	4.67	37.4	45.2	4.22	37.6
	45	80	55.9	4.73	35.8	53.4	4.59	36.3	50.9	4.40	36.7	48.1	4.05	37.1	45.2	3.66	37.6
		160	55.9	4.68	40.4	53.4	4.54	40.6	50.9	4.35	40.8	48.1	4.01	41.0	45.2	3.63	41.3
		240	55.9	4.63	41.9	53.4	4.49	42.1	50.9	4.30	42.2	48.1	3.96	42.4	45.2	3.58	42.5
80	10	80	45.2	11.10	3.9	43.1	10.79	4.2	41.1	10.32	4.5	38.9	9.52	4.7	36.5	8.59	5.0
		160	45.3	10.99	6.9	43.4	10.66	7.1	41.2	10.21	7.2	39.0	9.42	7.3	36.7	8.51	7.5
		240	48.0	10.90	7.8	45.9	10.58	7.9	43.7	10.13	8.0	41.4	9.34	8.1	38.9	8.43	8.2
	15	80	49.7	9.70	7.8	47.5	9.41	8.2	45.2	9.01	8.5	42.7	8.32	8.8	40.2	7.51	9.1
		160	49.7	9.61	11.4	47.5	9.33	11.6	45.2	8.92	11.8	42.7	8.23	11.9	40.2	7.43	12.1
		240	49.7	9.53	12.6	47.5	9.25	12.7	45.2	8.85	12.8	42.7	8.17	12.9	40.2	7.38	13.0
	20	80	49.7	8.54	12.6	47.5	8.29	13.0	45.2	7.93	13.3	42.7	7.31	13.7	40.2	6.61	14.0
		160	49.6	8.45	16.3	47.5	8.21	16.5	45.2	7.85	16.7	42.7	7.24	16.8	40.2	6.55	17.0
		240	49.7	8.39	17.5	47.5	8.14	17.6	45.2	7.79	17.8	42.7	7.19	17.9	40.2	6.49	18.0
	25	80	49.7	7.32	17.4	47.5	7.11	17.8	45.2	6.80	18.1	42.7	6.27	18.5	40.2	5.66	18.8
		160	49.7	7.22	21.2	47.5	7.01	21.4	45.2	6.70	21.5	42.7	6.19	21.7	40.2	5.58	21.9
		240	49.7	7.09	22.5	47.5	6.88	22.6	45.2	6.57	22.7	42.7	6.08	22.8	40.2	5.49	22.9
	30	80	49.6	6.07	22.2	47.5	5.90	22.5	45.2	5.64	22.9	42.7	5.20	23.3	40.2	4.70	23.6
		160	49.7	6.04	26.1	47.5	5.87	26.3	45.2	5.60	26.5	42.7	5.17	26.6	40.2	4.67	26.8
		240	49.7	5.94	27.4	47.5	5.77	27.5	45.2	5.51	27.6	42.7	5.09	27.8	40.2	4.60	27.9
	35	80	49.7	5.53	27.1	47.5	5.37	27.5	45.2	5.14	27.8	42.7	4.74	28.2	40.2	4.28	28.6
		160	49.7	5.51	31.0	47.5	5.34	31.2	45.2	5.11	31.4	42.7	4.72	31.6	40.2	4.26	31.8
		240	49.7	5.37	32.4	47.5	5.22	32.5	45.2	4.99	32.6	42.7	4.61	32.7	40.2	4.17	32.8
	40	80	49.7	4.98	32.0	47.5	4.83	32.4	45.2	4.63	32.7	42.7	4.26	33.1	40.2	3.85	33.5
		160	49.7	4.95	36.0	47.5	4.81	36.2	45.2	4.60	36.4	42.7	4.24	36.6	40.2	3.83	36.7
		240	49.7	4.84	37.3	47.5	4.69	37.4	45.2	4.50	37.6	42.7	4.14	37.7	40.2	3.74	37.8
	45	80	49.7	4.23	36.9	47.5	4.10	37.2	45.2	3.93	37.6	42.7	3.63	38.0	40.2	3.27	38.4
		160	49.7	4.20	40.9	47.5	4.08	41.1	45.2	3.90	41.3	42.7	3.60	41.5	40.2	3.25	41.7
		240	49.7	4.11	42.3	47.5	3.99	42.4	45.2	3.81	42.5	42.7	3.52	42.7	40.2	3.18	42.8

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	80	39.5	9.21	4.6	37.8	8.93	4.8	35.9	8.55	5.1	34.0	7.88	5.3	32.0	7.12	5.5
		160	39.7	9.16	7.3	37.9	8.90	7.4	36.1	8.51	7.5	34.2	7.85	7.6	32.1	7.09	7.8
		240	42.0	8.95	8.0	40.1	8.69	8.1	38.3	8.31	8.2	36.2	7.67	8.3	34.0	6.93	8.4
	15	80	43.4	8.03	8.7	41.6	7.81	8.9	39.6	7.47	9.3	37.4	6.88	9.5	35.2	6.23	9.8
		160	43.4	8.00	11.8	41.6	7.77	12.0	39.5	7.44	12.1	37.4	6.86	12.3	35.2	6.19	12.4
		240	43.4	7.83	12.9	41.6	7.60	13.0	39.5	7.27	13.1	37.4	6.70	13.2	35.2	6.05	13.3
	20	80	43.4	7.08	13.5	41.6	6.87	13.8	39.5	6.58	14.1	37.4	6.07	14.4	35.2	5.48	14.7
		160	43.4	7.05	16.7	41.6	6.85	16.9	39.6	6.54	17.0	37.4	6.04	17.2	35.2	5.45	17.3
		240	43.4	6.89	17.8	41.6	6.69	17.9	39.6	6.39	18.0	37.4	5.90	18.1	35.2	5.33	18.2
	25	80	43.4	6.03	18.3	41.6	5.85	18.6	39.5	5.60	18.9	37.4	5.16	19.2	35.2	4.66	19.5
		160	43.4	5.98	21.6	41.6	5.80	21.8	39.5	5.55	22.0	37.4	5.12	22.1	35.2	4.63	22.3
		240	43.4	5.87	22.8	41.6	5.69	22.9	39.5	5.45	23.0	37.4	5.03	23.1	35.2	4.54	23.2
	30	80	43.4	5.04	23.1	41.6	4.89	23.4	39.6	4.68	23.7	37.4	4.32	24.1	35.2	3.90	24.4
		160	43.4	5.00	26.6	41.6	4.85	26.7	39.5	4.64	26.9	37.4	4.28	27.0	35.2	3.87	27.2
		240	43.4	4.93	27.7	41.6	4.78	27.8	39.6	4.57	27.9	37.4	4.22	28.0	35.2	3.81	28.1
	35	80	43.4	4.61	28.0	41.6	4.48	28.3	39.6	4.29	28.7	37.4	3.95	29.0	35.2	3.57	29.3
		160	43.4	4.53	31.5	41.6	4.40	31.7	39.5	4.20	31.8	37.4	3.88	32.0	35.2	3.50	32.2
		240	43.4	4.48	32.7	41.6	4.35	32.8	39.5	4.16	32.9	37.4	3.83	33.0	35.2	3.46	33.1
	40	80	43.4	4.15	33.0	41.6	4.03	33.3	39.6	3.85	33.6	37.4	3.55	33.9	35.2	3.21	34.3
		160	43.4	4.07	36.5	41.6	3.95	36.6	39.6	3.78	36.8	37.4	3.49	37.0	35.2	3.15	37.1
		240	43.4	4.02	37.6	41.6	3.90	37.7	39.5	3.74	37.9	37.4	3.45	38.0	35.2	3.11	38.1
	45	80	43.4	3.53	37.9	41.6	3.42	38.2	39.6	3.27	38.5	37.4	3.02	38.8	35.2	2.73	39.2
		160	43.4	3.46	41.4	41.6	3.36	41.6	39.6	3.21	41.7	37.4	2.96	41.9	35.2	2.68	42.1
		240	43.4	3.41	42.6	41.6	3.31	42.7	39.6	3.18	42.8	37.4	2.93	42.9	35.2	2.64	43.1
60	10	80	33.8	7.60	5.3	32.4	7.38	5.5	30.8	7.06	5.7	29.1	6.51	6.0	27.4	5.89	6.1
		160	34.0	7.45	7.6	32.5	7.23	7.7	30.9	6.93	7.9	29.3	6.38	7.9	27.5	5.77	8.1
		240	36.0	7.39	8.3	34.4	7.17	8.4	32.8	6.88	8.5	31.0	6.35	8.5	29.1	5.72	8.6
	15	80	37.3	6.64	9.5	35.6	6.45	9.8	34.0	6.16	10.0	32.1	5.69	10.3	30.1	5.14	10.5
		160	37.3	6.51	12.2	35.6	6.32	12.4	34.0	6.05	12.5	32.1	5.58	12.6	30.1	5.04	12.8
		240	37.3	6.46	13.2	35.6	6.27	13.2	34.0	6.01	13.3	32.1	5.54	13.4	30.1	5.00	13.5
	20	80	37.3	5.84	14.4	35.7	5.68	14.6	34.0	5.43	14.9	32.1	5.01	15.1	30.1	4.53	15.4
		160	37.3	5.74	17.2	35.6	5.56	17.3	34.0	5.32	17.4	32.1	4.91	17.6	30.1	4.44	17.7
		240	37.3	5.69	18.1	35.6	5.53	18.2	34.0	5.29	18.3	32.1	4.88	18.4	30.1	4.41	18.5
	25	80	37.3	4.95	19.2	35.7	4.81	19.5	34.0	4.60	19.7	32.1	4.24	20.0	30.1	3.83	20.3
		160	37.3	4.88	22.1	35.6	4.75	22.2	34.0	4.53	22.4	32.1	4.18	22.5	30.1	3.78	22.6
		240	37.3	4.80	23.1	35.6	4.66	23.2	34.0	4.46	23.2	32.1	4.12	23.3	30.1	3.71	23.4
	30	80	37.3	4.12	24.1	35.6	4.00	24.3	34.0	3.82	24.6	32.1	3.52	24.9	30.1	3.19	25.2
		160	37.3	4.06	27.0	35.6	3.95	27.2	34.0	3.77	27.3	32.1	3.48	27.4	30.1	3.15	27.6
		240	37.3	4.02	28.0	35.6	3.90	28.1	34.0	3.73	28.2	32.1	3.44	28.3	30.1	3.11	28.4
	35	80	37.3	3.74	29.0	35.6	3.62	29.3	34.0	3.47	29.5	32.1	3.20	29.8	30.1	2.89	30.1
		160	37.3	3.73	32.0	35.6	3.62	32.1	34.0	3.47	32.3	32.1	3.19	32.4	30.1	2.89	32.6
		240	37.3	3.66	33.0	35.6	3.55	33.1	34.0	3.40	33.2	32.1	3.13	33.3	30.1	2.83	33.4
	40	80	37.3	3.36	33.9	35.6	3.26	34.2	34.0	3.12	34.5	32.1	2.88	34.8	30.1	2.60	35.1
		160	37.3	3.36	37.0	35.6	3.26	37.1	34.0	3.12	37.2	32.1	2.88	37.4	30.1	2.60	37.5
		240	37.3	3.29	38.0	35.6	3.20	38.1	34.0	3.06	38.2	32.1	2.82	38.3	30.1	2.55	38.4
	45	80	37.3	2.85	38.8	35.6	2.77	39.1	34.0	2.65	39.4	32.1	2.44	39.7	30.1	2.21	40.0
		160	37.3	2.85	41.9	35.6	2.77	42.1	34.0	2.65	42.2	32.1	2.44	42.3	30.1	2.20	42.5
		240	37.3	2.80	42.9	35.6	2.71	43.0	34.0	2.60	43.1	32.1	2.40	43.2	30.1	2.16	43.3
50	10	80	28.2	5.80	6.0	27.0	5.64	6.2	25.7	5.39	6.4	24.3	4.97	6.5	22.8	4.49	6.7
		160	28.3	5.75	8.0	27.1	5.57	8.1	25.8	5.33	8.2	24.4	4.92	8.3	22.9	4.45	8.3
		240	30.0	5.72	8.6	28.7	5.54	8.6	27.3	5.30	8.7	25.8	4.89	8.7	24.3	4.42	8.8
	15	80	31.1	5.07	10.3	29.7	4.92	10.6	28.3	4.70	10.8	26.8	4.34	11.0	25.2	3.92	11.2
		160	31.1	5.02	12.7	29.7	4.87	12.8	28.3	4.66	12.9	26.8	4.30	13.0	25.2	3.88	13.1
		240	31.1	4.99	13.4	29.7	4.85	13.5	28.3	4.63	13.6	26.8	4.28	13.7	25.2	3.86	13.7
	20	80	31.1	4.46	15.2	29.7	4.33	15.5	28.3	4.15	15.7	26.8	3.82	15.9	25.2	3.45	16.1
		160	31.1	4.42	17.6	29.7	4.29	17.7	28.3	4.10	17.8	26.8	3.78	17.9	25.2	3.42	18.0
		240	31.1	4.39	18.4	29.7	4.27	18.5	28.3	4.08	18.6	26.8	3.76	18.6	25.2	3.40	18.7
	25	80	31.1	3.80	20.1	29.7	3.69	20.3	28.3	3.53	20.6	26.8	3.25	20.8	25.2	2.94	21.0
		160	31.1	3.72	22.5	29.7	3.61	22.7	28.3	3.45	22.8	26.8	3.19	22.9	25.2	2.88	23.0
		240	31.1	3.73	23.4	29.7	3.63	23.4	28.3	3.47	23.5	26.8	3.20	23.6	25.2	2.89	23.7
	30	80	31.1	3.19	25.0	29.7	3.10	25.2	28.3	2.97	25.5	26.8	2.74	25.7	25.2	2.48	25.9
		160	31.1	3.13	27.5	29.7	3.04	27.6	28.3	2.91	27.7	26.8	2.68	27.8	25.2	2.42	28.0
		240	31.1	3.11	28.3	29.7	3.02	28.4	28.3	2.89	28.5	26.8	2.66	28.6	25.2	2.41	28.6
	35	80	31.1	2.90	29.9	29.7	2.82	30.2	28.3	2.69	30.4	26.8	2.49	30.6	25.2	2.24	30.9
		160	31.1	2.84	32.5	29.7	2.76	32.6	28.3	2.64	32.7	26.8	2.44	32.8	25.2	2.20	32.9
		240	31.1	2.80	33.3	29.7	2.72	33.4	28.3	2.60	33.5	26.8	2.40	33.5	25.2	2.17	33.6
	40	80	31.1	2.61	34.9	29.7	2.54	35.1	28.3	2.42	35.4	26.8	2.23	35.6	25.2	2.02	35.8
		160	31.1	2.56	37.4	29.7	2.48	37.6	28.3	2.38	37.7	26.8	2.19	37.8	25.2	1.98	37.9
		240	31.1	2.52	38.3	29.7	2.45	38.4	28.3	2.34	38.4	26.8	2.16	38.5	25.2	1.95	38.6
	45	80	31.1	2.21	39.8	29.7	2.15	40.1	28.3	2.05	40.3	26.8	1.90	40.5	25.2	1.71	40.8
		160	31.1	2.17	42.4	29.7	2.11	42.5	28.3	2.02	42.6	26.8	1.86	42.8	25.2	1.68	42.9
		240	31.1	2.14	43.3	29.7	2.08	43.4	28.3	1.99	43.4	26.8	1.83	43.5	25.2	1.66	43.6

1-6. AM200FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	95	56.0	4.09	19.1	61.7	4.86	20.0	66.3	5.33	20.8	71.0	5.67	21.6	72.8	5.72	21.8
		190	56.0	3.99	14.5	61.7	4.71	15.0	66.4	5.26	15.4	71.0	5.52	15.8	72.9	5.63	15.9
		285	56.1	3.94	13.0	61.6	4.64	13.3	66.4	5.10	13.6	71.0	5.36	13.8	72.9	5.50	13.9
	15	95	55.0	5.26	24.1	60.6	6.25	25.1	65.5	6.94	25.9	69.8	7.28	26.6	71.6	7.42	26.9
		190	55.1	5.18	19.5	60.6	6.12	20.0	65.4	6.82	20.4	69.8	7.16	20.8	71.6	7.31	21.0
		285	55.0	5.06	18.0	60.6	5.96	18.3	65.5	6.61	18.6	69.8	6.93	18.9	71.7	7.15	19.0
	20	95	54.3	6.28	29.1	59.9	7.37	30.2	64.6	8.20	31.0	68.7	8.62	31.7	70.7	8.78	32.0
		190	54.3	6.15	24.6	59.9	7.23	25.1	64.6	8.07	25.5	68.9	8.51	25.8	70.8	8.68	26.0
		285	54.3	5.94	23.0	59.8	7.02	23.4	64.5	7.87	23.6	68.7	8.18	23.9	70.7	8.43	24.0
	25	95	54.3	7.89	34.4	59.9	9.29	35.4	64.5	10.34	36.3	68.8	10.86	37.0	70.8	11.06	37.3
		190	54.3	7.76	29.7	59.9	9.15	30.2	64.6	10.15	30.6	68.7	10.72	31.0	70.8	10.89	31.2
		285	54.3	7.50	28.1	59.9	8.86	28.5	64.6	9.88	28.7	68.9	10.38	29.0	70.8	10.65	29.1
	30	95	54.3	9.24	39.6	59.8	10.89	40.7	64.5	12.12	41.6	68.8	12.71	42.3	70.7	12.98	42.6
		190	54.4	9.09	34.8	59.9	10.72	35.3	64.5	11.94	35.8	68.9	12.54	36.1	70.8	12.79	36.3
		285	54.3	8.80	33.2	59.9	10.36	33.5	64.6	11.56	33.8	68.9	12.13	34.1	70.8	12.45	34.2
	35	95	51.4	9.62	44.2	56.7	11.33	45.3	61.1	12.66	46.1	65.4	13.26	46.9	66.8	13.49	47.1
		190	51.3	9.43	39.6	56.6	11.12	40.1	61.0	12.39	40.5	65.4	13.08	40.9	66.8	13.35	41.0
		285	51.3	9.20	38.0	56.7	10.79	38.4	61.1	12.02	38.7	65.3	12.63	38.9	66.9	12.95	39.0
	40	95	42.9	10.03	48.0	47.2	11.82	48.9	50.9	13.16	49.7	54.5	13.80	50.3	56.0	14.08	50.6
		190	43.2	9.87	44.0	47.6	11.61	44.5	51.4	12.92	44.9	54.9	13.58	45.2	56.4	13.91	45.3
		285	43.9	9.56	42.7	48.2	11.21	43.0	52.0	12.55	43.2	55.8	13.17	43.5	57.3	13.55	43.6
	45	95	35.8	10.37	52.0	39.3	12.19	52.8	42.1	13.61	53.4	45.2	14.23	54.0	46.5	14.54	54.2
		190	36.1	10.20	48.5	39.5	12.01	48.9	42.6	13.35	49.2	45.5	14.08	49.5	46.8	14.37	49.6
		285	36.6	9.86	47.3	40.2	11.59	47.6	43.2	12.97	47.8	46.2	13.61	48.0	47.5	13.99	48.1
120	10	95	53.1	3.88	18.6	58.4	4.60	19.5	63.0	5.06	20.3	67.3	5.35	21.0	68.9	5.41	21.2
		190	53.1	3.82	14.3	58.5	4.51	14.8	63.0	4.97	15.1	67.3	5.23	15.5	68.9	5.33	15.6
		285	53.2	3.65	12.9	58.5	4.41	13.2	63.0	4.82	13.4	67.2	5.08	13.6	69.0	5.26	13.7
	15	95	52.5	5.04	23.7	57.6	5.95	24.6	62.2	6.66	25.4	66.5	6.96	26.1	68.2	7.08	26.4
		190	52.6	4.96	19.3	57.6	5.84	19.8	62.2	6.53	20.2	66.4	6.84	20.5	68.1	6.97	20.7
		285	52.4	4.81	17.9	57.7	5.70	18.2	62.2	6.31	18.4	66.5	6.63	18.7	68.2	6.85	18.8
	20	95	51.9	6.04	28.7	57.1	7.09	29.7	61.6	7.87	30.5	65.9	8.30	31.2	67.6	8.44	31.5
		190	51.9	5.90	24.4	57.0	6.95	24.8	61.5	7.77	25.2	65.9	8.17	25.6	67.5	8.30	25.7
		285	52.0	5.73	22.9	57.1	6.77	23.2	61.6	7.55	23.5	65.9	7.88	23.7	67.5	8.09	23.8
	25	95	52.0	7.57	34.0	57.0	8.89	34.9	61.6	9.89	35.8	65.9	10.40	36.5	67.5	10.61	36.8
		190	52.0	7.42	29.5	57.1	8.78	30.0	61.5	9.74	30.4	65.8	10.24	30.7	67.5	10.44	30.9
		285	51.8	7.18	28.0	57.1	8.48	28.3	61.7	9.49	28.6	65.9	9.93	28.8	67.5	10.16	28.9
	30	95	52.0	8.94	39.2	57.0	10.51	40.2	61.6	11.70	41.1	65.9	12.30	41.8	67.6	12.53	42.1
		190	51.9	8.78	34.6	57.1	10.31	35.1	61.6	11.56	35.5	65.8	12.09	35.9	67.4	12.33	36.0
		285	51.9	8.48	33.0	57.1	10.00	33.4	61.7	11.16	33.7	65.8	11.74	33.9	67.6	12.01	34.0
	35	95	49.9	9.40	44.0	54.9	11.10	45.0	59.4	12.41	45.8	63.2	12.97	46.5	64.9	13.22	46.8
		190	49.8	9.25	39.5	55.0	10.91	40.0	59.4	12.13	40.4	63.3	12.79	40.7	65.0	13.04	40.9
		285	49.8	8.99	38.0	55.0	10.58	38.3	59.4	11.76	38.6	63.2	12.33	38.8	64.9	12.67	38.9
	40	95	42.5	10.00	47.9	46.9	11.80	48.9	50.5	13.12	49.6	53.8	13.79	50.2	55.4	14.09	50.5
		190	42.9	9.85	44.0	47.2	11.59	44.4	50.9	12.90	44.8	54.3	13.56	45.1	55.9	13.85	45.3
		285	43.5	9.52	42.7	47.8	11.24	43.0	51.6	12.53	43.2	55.1	13.17	43.4	56.7	13.50	43.5
	45	95	36.1	10.52	52.0	40.0	12.37	52.9	43.0	13.85	53.6	46.0	14.45	54.1	47.2	14.80	54.4
		190	36.4	10.37	48.5	40.2	12.17	49.0	43.6	13.56	49.3	46.3	14.28	49.6	47.6	14.59	49.7
		285	37.0	9.99	47.4	40.9	11.84	47.7	44.1	13.18	47.9	47.0	13.87	48.1	48.2	14.14	48.1
110	10	95	50.1	3.63	18.1	55.0	4.35	19.0	59.4	4.76	19.7	63.4	5.06	20.3	64.9	5.11	20.6
		190	50.1	3.58	14.1	55.0	4.22	14.5	59.4	4.68	14.8	63.4	4.96	15.2	65.0	5.00	15.3
		285	50.2	3.48	12.7	55.0	4.11	13.0	59.5	4.59	13.2	63.4	4.79	13.4	64.9	4.93	13.5
	15	95	49.7	4.80	23.2	54.7	5.68	24.1	59.0	6.35	24.9	63.2	6.64	25.5	64.7	6.78	25.8
		190	49.7	4.73	19.1	54.6	5.57	19.5	59.1	6.22	19.9	63.2	6.55	20.3	64.7	6.65	20.4
		285	49.7	4.60	17.7	54.6	5.42	18.0	58.9	6.05	18.3	63.1	6.33	18.5	64.8	6.49	18.6
	20	95	49.5	5.81	28.3	54.5	6.80	29.2	58.8	7.58	30.0	62.6	7.95	30.6	64.3	8.09	30.9
		190	49.5	5.68	24.2	54.5	6.67	24.6	58.8	7.45	25.0	62.7	7.82	25.3	64.3	7.97	25.5
		285	49.5	5.51	22.8	54.4	6.48	23.1	58.7	7.25	23.3	62.8	7.58	23.5	64.4	7.74	23.6
	25	95	49.5	7.25	33.6	54.4	8.52	34.5	58.8	9.48	35.3	62.7	9.93	36.0	64.4	10.12	36.2
		190	49.4	7.13	29.3	54.4	8.39	29.7	58.8	9.32	30.1	62.6	9.79	30.5	64.4	9.96	30.6
		285	49.6	6.88	27.8	54.4	8.10	28.1	58.9	9.06	28.4	62.7	9.51	28.6	64.5	9.68	28.7
	30	95	49.6	8.61	38.8	54.5	10.14	39.7	58.8	11.28	40.6	62.7	11.86	41.2	64.4	12.07	41.5
		190	49.5	8.47	34.4	54.4	9.96	34.9	58.8	11.12	35.3	62.6	11.67	35.6	64.3	11.85	35.7
		285	49.5	8.19	32.9	54.4	9.65	33.2	58.7	10.78	33.5	62.7	11.28	33.7	64.3	11.56	33.8
	35	95	48.3	9.21	43.7	53.6	10.87	44.7	57.6	12.14	45.5	61.6	12.68	46.2	63.1	12.92	46.5
		190	48.4	9.03	39.3	53.4	10.65	39.8	57.5	11.88	40.2	61.5	12.49	40.6	63.1	12.74	40.7
		285	48.4	8.79	37.9	53.5	10.33	38.2	57.5	11.49	38.5	61.6	12.07	38.7	63.0	12.35	38.8
	40	95	42.1	10.00	47.9	46.5	11.79	48.8	50.0	13.11	49.5	53.5	13.76	50.1	55.1	14.05	50.4
		190	42.4	9.81	43.9	46.8	11.57	44.4	50.3	12.91	44.8	53.9	13.50	45.1	55.4	13.83	45.2
		285	43.2	9.53	42.6	47.4	11.20	42.9	51.0	12.51	43.2	54.7	13.15	43.4	56.2	13.42	43.5
	45	95	36.8	10.74	52.2	40.6	12.58	53.0	43.6	14.08	53.7	46.8	14.69	54.3	48.1	15.02	54.5
		190	37.2	10.50	48.6	40.9	12.39	49.0	44.1	13.80	49.4	47.2	14.53	49.7	48.4	14.80	49.8
		285	37.7	10.15	47.4	41.5	12.03	47.7	44.7	13.38	47.9	47.9	14.10	48.1	49.2	14.33	48.2

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	95	47.1	3.46	17.6	52.0	4.06	18.5	56.0	4.54	19.1	59.9	4.76	19.8	61.4	4.85	20.0
		190	47.1	3.40	13.8	52.0	3.99	14.2	56.0	4.46	14.6	59.9	4.67	14.9	61.4	4.76	15.0
		285	47.1	3.29	12.5	52.0	3.88	12.8	56.0	4.32	13.0	59.9	4.53	13.2	61.4	4.61	13.3
	15	95	47.1	4.61	22.8	52.0	5.44	23.7	56.0	6.06	24.4	59.9	6.35	25.0	61.4	6.46	25.2
		190	47.1	4.53	18.9	52.0	5.35	19.3	56.0	5.95	19.7	59.9	6.24	20.0	61.4	6.35	20.1
		285	47.1	4.40	17.6	52.0	5.18	17.9	56.0	5.77	18.1	59.9	6.04	18.3	61.4	6.17	18.4
	20	95	47.1	5.56	27.9	52.0	6.55	28.8	56.0	7.28	29.5	59.9	7.66	30.2	61.4	7.79	30.4
		190	47.1	5.46	24.0	52.0	6.43	24.4	56.0	7.16	24.8	59.9	7.52	25.1	61.4	7.66	25.2
		285	47.1	5.29	22.6	52.0	6.23	22.9	56.0	6.96	23.2	59.9	7.29	23.4	61.4	7.42	23.5
	25	95	47.1	6.93	33.2	52.0	8.15	34.1	56.0	9.09	34.8	59.9	9.53	35.5	61.4	9.71	35.7
		190	47.1	6.80	29.1	52.0	8.02	29.5	56.0	8.92	29.9	59.9	9.37	30.2	61.4	9.55	30.4
		285	47.1	6.60	27.7	52.0	7.76	28.0	56.0	8.67	28.3	59.9	9.09	28.5	61.4	9.25	28.6
	30	95	47.1	8.33	38.4	52.0	9.81	39.3	56.0	10.91	40.1	59.9	11.45	40.8	61.4	11.68	41.0
		190	47.1	8.17	34.2	52.0	9.64	34.6	56.0	10.77	35.0	59.9	11.25	35.4	61.4	11.46	35.5
		285	47.1	7.94	32.8	52.0	9.33	33.1	56.0	10.41	33.3	59.9	10.91	33.6	61.4	11.13	33.6
	35	95	47.1	9.03	43.5	52.0	10.65	44.5	56.0	11.88	45.2	59.9	12.45	45.9	61.4	12.69	46.2
		190	47.1	8.88	39.2	52.0	10.45	39.7	56.0	11.65	40.1	59.9	12.24	40.4	61.4	12.47	40.6
		285	47.1	8.62	37.8	52.0	10.14	38.1	56.0	11.30	38.4	59.9	11.84	38.6	61.4	12.06	38.7
	40	95	41.8	10.02	47.8	46.2	11.81	48.8	49.7	13.14	49.5	53.2	13.80	50.1	54.7	14.06	50.4
		190	42.2	9.86	43.9	46.6	11.59	44.4	50.1	12.92	44.8	53.7	13.55	45.1	55.1	13.82	45.2
		285	42.9	9.55	42.6	47.2	11.23	42.9	50.8	12.52	43.2	54.5	13.16	43.4	55.8	13.39	43.5
	45	95	37.6	10.92	52.3	41.4	12.83	53.2	44.5	14.33	53.9	47.8	14.99	54.5	49.1	15.29	54.7
		190	37.9	10.73	48.7	41.8	12.63	49.1	45.0	14.06	49.5	48.1	14.77	49.7	49.4	15.04	49.9
		285	38.4	10.39	47.5	42.4	12.25	47.7	45.6	13.64	48.0	48.9	14.32	48.2	50.1	14.55	48.3
90	10	95	42.4	3.27	16.9	46.7	3.85	17.6	50.3	4.29	18.2	53.9	4.50	18.8	55.3	4.58	19.0
		190	42.4	3.20	13.4	46.7	3.78	13.8	50.3	4.20	14.1	53.9	4.41	14.4	55.3	4.50	14.5
		285	42.4	3.12	12.3	46.7	3.69	12.5	50.3	4.09	12.7	53.9	4.30	12.9	55.3	4.38	13.0
	15	95	42.4	4.37	22.1	46.7	5.14	22.8	50.3	5.72	23.5	53.9	6.00	24.0	55.3	6.12	24.3
		190	42.4	4.28	18.5	46.7	5.04	18.9	50.3	5.62	19.2	53.9	5.88	19.5	55.3	6.00	19.6
		285	42.4	4.17	17.3	46.7	4.92	17.6	50.3	5.48	17.8	53.9	5.74	18.0	55.3	5.85	18.1
	20	95	42.4	5.26	27.2	46.7	6.20	28.0	50.3	6.90	28.6	53.9	7.25	29.2	55.3	7.37	29.5
		190	42.4	5.16	23.6	46.7	6.08	24.0	50.3	6.76	24.3	53.9	7.09	24.6	55.3	7.22	24.7
		285	42.4	5.02	22.4	46.7	5.92	22.6	50.3	6.59	22.9	53.9	6.92	23.1	55.3	7.05	23.1
	25	95	42.4	6.59	32.4	46.7	7.75	33.2	50.3	8.63	33.9	53.9	9.07	34.5	55.3	9.22	34.7
		190	42.4	6.47	28.7	46.7	7.61	29.1	50.3	8.47	29.4	53.9	8.90	29.7	55.3	9.06	29.9
		285	42.4	6.23	27.4	46.7	7.35	27.7	50.3	8.19	27.9	53.9	8.58	28.1	55.3	8.76	28.2
	30	95	42.4	7.88	37.6	46.7	9.29	38.4	50.3	10.34	39.1	53.9	10.86	39.8	55.3	11.06	40.0
		190	42.4	7.74	33.8	46.7	9.13	34.2	50.3	10.15	34.6	53.9	10.67	34.9	55.3	10.84	35.0
		285	42.4	7.54	32.5	46.7	8.89	32.8	50.3	9.90	33.0	53.9	10.38	33.2	55.3	10.58	33.3
	35	95	42.4	8.56	42.7	46.7	10.08	43.6	50.3	11.21	44.3	53.9	11.78	44.9	55.3	12.01	45.2
		190	42.4	8.40	38.8	46.7	9.89	39.3	50.3	11.01	39.6	53.9	11.57	39.9	55.3	11.77	40.1
		285	42.4	8.19	37.5	46.7	9.63	37.8	50.3	10.74	38.1	53.9	11.27	38.3	55.3	11.49	38.4
	40	95	37.7	9.48	47.1	41.6	11.18	48.0	44.6	12.42	48.6	47.9	13.05	49.2	49.2	13.28	49.4
		190	37.9	9.31	43.6	41.9	10.96	44.0	45.0	12.23	44.3	48.4	12.81	44.6	49.5	13.05	44.7
		285	38.5	9.07	42.4	42.5	10.69	42.7	45.8	11.89	42.9	49.0	12.50	43.1	50.3	12.72	43.2
	45	95	33.8	10.31	51.7	37.3	12.17	52.5	40.1	13.53	53.1	43.0	14.21	53.6	44.2	14.48	53.9
		190	34.1	10.12	48.3	37.7	11.95	48.7	40.4	13.31	49.1	43.4	13.94	49.3	44.4	14.19	49.4
		285	42.3	3.28	47.3	38.1	11.62	47.5	41.0	12.96	47.7	44.1	13.59	47.9	45.1	13.84	48.0
80	10	95	37.7	2.86	16.1	41.6	3.42	16.8	44.7	3.81	17.3	47.8	4.00	17.8	49.1	4.07	18.0
		190	37.7	2.77	13.1	41.6	3.37	13.4	44.7	3.75	13.7	47.8	3.93	13.9	49.1	4.01	14.0
		285	37.7	3.91	12.1	41.6	3.29	12.3	44.7	3.66	12.4	47.8	3.85	12.6	49.1	3.92	12.7
	15	95	37.7	3.82	21.3	41.6	4.57	22.0	44.7	5.09	22.5	47.8	5.34	23.0	49.1	5.43	23.2
		190	37.7	3.70	18.1	41.6	4.49	18.5	44.7	5.00	18.7	47.8	5.24	19.0	49.1	5.35	19.1
		285	37.7	4.72	17.1	41.6	4.39	17.3	44.7	4.89	17.5	47.8	5.13	17.7	49.1	5.23	17.7
	20	95	37.7	4.60	26.4	41.6	5.50	27.1	44.7	6.13	27.7	47.8	6.44	28.2	49.1	6.55	28.4
		190	37.7	4.45	23.2	41.6	5.41	23.5	44.7	6.03	23.8	47.8	6.32	24.1	49.1	6.45	24.2
		285	37.7	5.88	22.2	41.6	5.29	22.4	44.7	5.89	22.5	47.8	6.19	22.7	49.1	6.30	22.8
	25	95	37.7	5.78	31.6	41.6	6.93	32.3	44.7	7.73	32.9	47.8	8.11	33.4	49.1	8.26	33.7
		190	37.7	5.59	28.3	41.6	6.79	28.7	44.7	7.55	28.9	47.8	7.92	29.2	49.1	8.08	29.3
		285	37.7	7.03	27.2	41.6	6.57	27.4	44.7	7.33	27.6	47.8	7.67	27.8	49.1	7.81	27.9
	30	95	37.7	6.88	36.7	41.6	8.26	37.5	44.7	9.20	38.1	47.8	9.64	38.7	49.1	9.81	38.9
		190	37.7	6.70	33.3	41.6	8.16	33.8	44.7	9.09	34.1	47.8	9.52	34.3	49.1	9.71	34.4
		285	37.7	7.66	32.3	41.6	7.91	32.5	44.7	8.80	32.7	47.8	9.24	32.9	49.1	9.42	32.9
	35	95	37.7	7.53	41.8	41.6	9.01	42.6	44.7	10.04	43.3	47.8	10.51	43.8	49.1	10.73	44.0
		190	37.7	7.32	38.4	41.6	8.89	38.8	44.7	9.90	39.1	47.8	10.40	39.4	49.1	10.60	39.5
		285	33.5	8.45	37.1	41.6	8.55	37.5	44.7	9.53	37.7	47.8	10.01	37.9	49.1	10.19	38.0
	40	95	33.7	8.33	46.3	37.0	9.99	47.1	39.7	11.10	47.7	42.6	11.66	48.2	43.6	11.87	48.4
		190	34.2	8.10	43.2	37.2	9.85	43.6	40.0	10.97	43.8	42.9	11.52	44.1	44.1	11.73	44.2
		285	30.1	9.19	42.0	37.7	9.49	42.4	40.7	10.56	42.6	43.6	11.07	42.7	44.6	11.31	42.8
	45	95	30.3	9.05	50.9	33.2	10.85	51.6	35.6	12.10	52.2	38.3	12.69	52.7	39.2	12.95	52.9
		190	30.7	8.82	48.0	33.4	10.74	48.3	36.0	11.94	48.6	38.5	12.53	48.9	39.6	12.78	49.0
		285	33.9	2.76	46.8	33.9	10.32	47.2	36.5	11.50	47.4	39.2	12.06	47.6	40.2	12.28	47.6

1-6. AM200FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	95	33.0	2.41	15.3	36.4	2.83	15.9	39.1	3.16	16.4	41.9	3.31	16.8	43.0	3.38	17.0
		190	33.0	2.38	12.7	36.4	2.80	13.0	39.1	3.13	13.2	41.9	3.27	13.4	43.0	3.34	13.5
		285	33.0	2.29	11.8	36.4	2.70	12.0	39.1	3.01	12.1	41.9	3.16	12.3	43.0	3.22	12.3
	15	95	33.0	3.22	20.5	36.4	3.78	21.1	39.1	4.22	21.5	41.9	4.43	22.0	43.0	4.51	22.2
		190	33.0	3.18	17.7	36.4	3.74	18.0	39.1	4.17	18.3	41.9	4.37	18.5	43.0	4.46	18.6
		285	33.0	3.06	16.8	36.4	3.60	17.0	39.1	4.02	17.2	41.9	4.22	17.3	43.0	4.29	17.4
	20	95	33.0	3.88	25.6	36.4	4.56	26.2	39.1	5.08	26.7	41.9	5.34	27.1	43.0	5.43	27.3
		190	33.0	3.83	22.8	36.4	4.51	23.1	39.1	5.03	23.3	41.9	5.26	23.6	43.0	5.38	23.6
		285	33.0	3.69	21.8	36.4	4.35	22.0	39.1	4.85	22.2	41.9	5.07	22.4	43.0	5.17	22.4
	25	95	33.0	4.84	30.7	36.4	5.70	31.4	39.1	6.35	31.9	41.9	6.67	32.3	43.0	6.79	32.5
		190	33.0	4.78	27.8	36.4	5.61	28.2	39.1	6.25	28.4	41.9	6.57	28.7	43.0	6.68	28.7
		285	33.0	4.62	26.9	36.4	5.44	27.1	39.1	6.05	27.3	41.9	6.36	27.4	43.0	6.48	27.5
	30	95	33.0	5.82	35.9	36.4	6.85	36.5	39.1	7.64	37.1	41.9	8.02	37.5	43.0	8.17	37.7
		190	33.0	5.73	32.9	36.4	6.74	33.3	39.1	7.51	33.5	41.9	7.88	33.8	43.0	8.02	33.8
		285	33.0	5.56	31.9	36.4	6.56	32.2	39.1	7.30	32.3	41.9	7.66	32.5	43.0	7.81	32.6
	35	95	33.0	6.37	40.9	36.4	7.51	41.6	39.1	8.37	42.2	41.9	8.77	42.6	43.0	8.94	42.8
		190	33.0	6.21	38.0	36.4	7.31	38.3	39.1	8.16	38.6	41.9	8.54	38.8	43.0	8.71	38.9
		285	33.0	6.05	37.0	36.4	7.11	37.2	39.1	7.93	37.4	41.9	8.32	37.5	43.0	8.48	37.6
	40	95	29.2	7.05	45.5	32.3	8.32	46.1	34.7	9.28	46.6	37.3	9.72	47.1	38.2	9.91	47.3
		190	29.5	6.89	42.7	32.6	8.10	43.1	35.1	9.02	43.3	37.6	9.46	43.6	38.6	9.66	43.6
		285	29.9	6.69	41.8	33.1	7.89	42.1	35.5	8.80	42.2	38.1	9.21	42.4	39.1	9.39	42.4
	45	95	26.3	7.69	50.1	29.0	9.05	50.7	31.2	10.08	51.2	33.4	10.58	51.6	34.3	10.78	51.8
		190	26.5	7.49	47.6	29.3	8.83	47.9	31.4	9.83	48.1	33.7	10.32	48.3	34.6	10.50	48.4
		285	26.9	7.30	46.7	29.7	8.60	46.9	32.0	9.57	47.1	34.2	10.04	47.2	35.1	10.21	47.3
60	10	95	28.3	1.99	14.6	31.2	2.34	15.1	33.5	2.61	15.4	36.0	2.74	15.8	36.9	2.79	16.0
		190	28.3	1.93	12.3	31.2	2.28	12.5	33.5	2.54	12.7	36.0	2.67	12.9	36.9	2.72	13.0
		285	28.3	1.89	11.5	31.2	2.23	11.7	33.5	2.49	11.8	36.0	2.60	11.9	36.9	2.66	12.0
	15	95	28.3	2.65	19.7	31.2	3.13	20.2	33.5	3.48	20.6	36.0	3.65	21.0	36.9	3.73	21.1
		190	28.3	2.58	17.3	31.2	3.05	17.6	33.5	3.39	17.8	36.0	3.55	18.0	36.9	3.63	18.1
		285	28.3	2.53	16.6	31.2	2.98	16.7	33.5	3.32	16.9	36.0	3.48	17.0	36.9	3.55	17.0
	20	95	28.3	3.20	24.8	31.2	3.77	25.3	33.5	4.19	25.7	36.0	4.40	26.1	36.9	4.49	26.2
		190	28.3	3.12	22.4	31.2	3.67	22.6	33.5	4.08	22.8	36.0	4.29	23.0	36.9	4.37	23.1
		285	28.3	3.04	21.6	31.2	3.60	21.7	33.5	3.99	21.9	36.0	4.20	22.0	36.9	4.28	22.1
	25	95	28.3	3.99	29.9	31.2	4.69	30.4	33.5	5.23	30.8	36.0	5.48	31.3	36.9	5.59	31.4
		190	28.3	3.90	27.4	31.2	4.60	27.7	33.5	5.11	27.9	36.0	5.37	28.1	36.9	5.46	28.2
		285	28.3	3.78	26.6	31.2	4.45	26.8	33.5	4.96	26.9	36.0	5.20	27.1	36.9	5.29	27.1
	30	95	28.3	4.76	35.0	31.2	5.60	35.6	33.5	6.25	36.0	36.0	6.54	36.4	36.9	6.67	36.6
		190	28.3	4.66	32.5	31.2	5.49	32.8	33.5	6.12	33.0	36.0	6.41	33.2	36.9	6.54	33.3
		285	28.3	4.54	31.7	31.2	5.35	31.8	33.5	5.95	32.0	36.0	6.25	32.1	36.9	6.36	32.2
	35	95	28.3	5.16	40.0	31.2	6.07	40.6	33.5	6.77	41.1	36.0	7.10	41.5	36.9	7.24	41.7
		190	28.3	5.12	37.5	31.2	6.03	37.8	33.5	6.72	38.0	36.0	7.05	38.2	36.9	7.16	38.3
		285	28.3	4.95	36.7	31.2	5.84	36.9	33.5	6.49	37.0	36.0	6.82	37.2	36.9	6.95	37.2
	40	95	25.1	5.72	44.6	27.7	6.73	45.2	29.7	7.50	45.6	32.0	7.87	46.0	32.8	8.02	46.2
		190	25.3	5.66	42.3	27.9	6.66	42.6	30.1	7.44	42.8	32.2	7.79	43.0	33.1	7.95	43.1
		285	25.7	5.49	41.6	28.3	6.46	41.7	30.5	7.20	41.9	32.7	7.55	42.0	33.5	7.70	42.1
	45	95	22.5	6.22	49.3	24.9	7.33	49.9	26.8	8.15	50.3	28.7	8.56	50.6	29.4	8.72	50.7
		190	22.8	6.16	47.2	25.1	7.25	47.4	27.0	8.09	47.6	28.9	8.49	47.8	29.7	8.65	47.9
		285	23.1	5.97	46.5	25.4	7.04	46.6	27.3	7.84	46.8	29.4	8.21	46.9	30.1	8.38	46.9
50	10	95	23.5	1.52	13.8	26.0	1.79	14.2	27.9	1.99	14.5	30.0	2.09	14.8	30.7	2.13	15.0
		190	23.5	1.49	11.9	26.0	1.76	12.1	27.9	1.96	12.3	30.0	2.05	12.4	30.7	2.09	12.5
		285	23.5	1.46	11.3	26.0	1.72	11.4	27.9	1.92	11.5	30.0	2.01	11.6	30.7	2.05	11.6
	15	95	23.5	2.03	18.9	26.0	2.39	19.3	27.9	2.66	19.6	30.0	2.79	19.9	30.7	2.84	20.1
		190	23.5	1.99	16.9	26.0	2.34	17.1	27.9	2.61	17.3	30.0	2.74	17.5	30.7	2.79	17.5
		285	23.5	1.96	16.3	26.0	2.30	16.4	27.9	2.57	16.5	30.0	2.69	16.6	30.7	2.74	16.7
	20	95	23.5	2.44	23.9	26.0	2.87	24.4	27.9	3.21	24.7	30.0	3.36	25.0	30.7	3.42	25.1
		190	23.5	2.40	22.0	26.0	2.82	22.2	27.9	3.15	22.3	30.0	3.30	22.5	30.7	3.37	22.6
		285	23.5	2.35	21.3	26.0	2.77	21.4	27.9	3.09	21.6	30.0	3.24	21.7	30.7	3.30	21.7
	25	95	23.5	3.06	29.0	26.0	3.60	29.5	27.9	4.01	29.8	30.0	4.21	30.2	30.7	4.28	30.3
		190	23.5	2.97	27.0	26.0	3.50	27.2	27.9	3.89	27.4	30.0	4.09	27.6	30.7	4.16	27.6
		285	23.5	2.94	26.3	26.0	3.46	26.5	27.9	3.86	26.6	30.0	4.04	26.7	30.7	4.12	26.8
	30	95	23.5	3.69	34.1	26.0	4.35	34.6	27.9	4.85	34.9	30.0	5.08	35.3	30.7	5.17	35.4
		190	23.5	3.59	32.0	26.0	4.22	32.3	27.9	4.70	32.5	30.0	4.93	32.6	30.7	5.02	32.7
		285	23.5	3.52	31.4	26.0	4.15	31.5	27.9	4.62	31.6	30.0	4.84	31.8	30.7	4.93	31.8
	35	95	23.5	4.01	39.2	26.0	4.71	39.6	27.9	5.25	40.0	30.0	5.51	40.4	30.7	5.61	40.5
		190	23.5	3.90	37.1	26.0	4.59	37.3	27.9	5.11	37.5	30.0	5.36	37.7	30.7	5.46	37.7
		285	23.5	3.79	36.4	26.0	4.47	36.5	27.9	4.98	36.7	30.0	5.21	36.8	30.7	5.30	36.8
	40	95	20.9	4.43	43.8	23.1	5.22	44.3	24.8	5.83	44.6	26.6	6.11	44.9	27.3	6.22	45.1
		190	21.1	4.32	41.9	23.3	5.08	42.1	25.0	5.67	42.3	26.8	5.95	42.5	27.5	6.05	42.5
		285	21.4	4.20	41.3	23.6	4.94	41.4	25.4	5.50	41.6	27.2	5.78	41.7	27.9	5.89	41.7
	45	95	18.8	4.84	48.6	20.7	5.69	49.0	22.3	6.34	49.3	23.9	6.65	49.6	24.5	6.77	49.7
		190	19.0	4.70	46.8	20.9	5.53	47.0	22.5	6.17	47.2	24.1	6.47	47.3	24.8	6.60	47.4
		285	19.2	4.56	46.2	21.2	5.37	46.3	22.8	6.00	46.4	24.5	6.29	46.5	25.1	6.41	46.6

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	95	71.7	15.15	1.5	70.2	14.59	1.6	67.0	14.17	2.0	63.1	13.23	2.5	60.6	12.11	2.7
		190	73.2	14.63	5.6	71.3	14.35	5.7	68.4	13.98	5.9	64.4	12.97	6.1	61.8	11.93	6.2
		285	77.3	14.78	6.9	76.0	14.42	6.9	73.0	13.84	7.0	68.8	12.92	7.2	66.0	12.09	7.3
	15	95	79.2	13.43	5.1	77.1	12.81	5.3	74.0	12.41	5.7	69.3	11.56	6.3	66.6	10.61	6.6
		190	81.2	12.53	9.8	79.2	12.45	10.0	76.4	12.24	10.2	71.8	11.25	10.4	68.4	10.32	10.6
		285	80.7	13.05	11.6	79.7	12.84	11.6	77.8	12.27	11.7	72.9	11.32	11.9	69.9	10.87	12.0
	20	95	81.3	12.75	9.7	79.8	12.20	9.8	76.7	11.72	10.2	72.1	10.69	10.7	68.8	10.17	11.2
		190	82.7	12.04	14.7	82.0	12.02	14.7	79.1	11.62	14.9	74.4	10.94	15.2	71.4	10.49	15.4
		285	82.6	12.16	16.5	81.6	11.94	16.5	80.6	11.80	16.5	75.3	11.04	16.8	72.1	10.63	16.9
	25	95	84.2	11.83	14.1	81.7	11.66	14.4	80.1	11.39	14.6	75.7	10.74	15.2	72.8	10.16	15.6
		190	83.1	11.51	19.6	81.6	11.70	19.7	80.2	11.31	19.8	75.8	10.71	20.1	72.8	10.12	20.3
		285	82.2	11.43	21.4	81.7	11.17	21.5	80.1	11.20	21.5	75.8	10.61	21.7	72.9	9.68	21.8
	30	95	82.4	10.65	19.2	81.6	10.74	19.3	80.1	10.81	19.6	75.8	9.96	20.1	72.7	9.59	20.5
		190	82.5	10.39	24.6	81.7	10.78	24.7	80.1	10.60	24.8	75.7	9.97	25.0	72.9	9.13	25.2
		285	82.5	10.30	26.4	81.6	10.17	26.4	80.2	10.37	26.5	75.9	9.56	26.7	72.8	9.34	26.8
	35	95	82.5	10.01	24.1	81.7	10.34	24.2	80.2	10.71	24.5	75.8	9.77	25.0	72.9	9.01	25.4
		190	82.5	10.03	29.5	81.8	10.48	29.6	80.2	10.56	29.7	75.8	9.83	30.0	72.8	8.99	30.2
		285	82.6	9.86	31.3	81.6	10.13	31.4	80.2	10.30	31.5	75.7	9.38	31.7	72.8	8.61	31.8
	40	95	82.6	9.31	28.9	81.7	9.69	29.1	80.3	10.36	29.5	75.7	9.51	30.0	72.9	8.82	30.3
		190	82.5	9.34	34.5	81.6	9.82	34.6	80.2	10.06	34.7	75.7	9.40	35.0	72.8	8.67	35.2
		285	82.4	9.26	36.3	81.7	9.42	36.4	80.3	10.12	36.5	75.8	9.23	36.7	72.9	8.51	36.8
	45	95	82.5	8.22	33.8	81.6	8.61	34.0	80.1	9.63	34.4	75.7	8.87	34.9	72.9	8.26	35.2
		190	82.5	8.28	39.4	81.8	8.76	39.5	80.2	9.14	39.6	75.8	8.54	39.9	72.8	7.99	40.1
		285	82.5	8.32	41.3	81.7	8.29	41.3	80.2	9.58	41.4	75.7	8.64	41.6	72.8	8.12	41.7
120	10	95	68.4	15.03	2.0	66.8	14.53	2.1	63.8	14.10	2.5	60.0	13.03	2.9	57.3	11.93	3.1
		190	69.5	14.86	5.9	67.8	14.46	6.0	64.4	14.00	6.2	61.0	12.88	6.4	58.2	11.71	6.5
		285	73.5	14.61	7.0	71.1	14.23	7.1	68.8	13.85	7.2	64.9	12.79	7.4	62.1	11.69	7.5
	15	95	75.5	13.18	5.6	73.2	12.70	5.9	70.4	12.24	6.2	66.2	11.38	6.7	63.0	10.44	7.1
		190	76.6	12.94	10.2	75.1	12.68	10.3	72.0	12.22	10.5	67.7	11.26	10.7	64.3	10.18	10.9
		285	76.4	12.74	11.8	74.4	12.43	11.9	72.7	12.27	12.0	68.5	11.32	12.1	65.1	10.26	12.2
	20	95	76.8	12.22	10.3	75.1	11.73	10.4	72.1	11.19	10.8	68.0	10.36	11.3	64.5	9.86	11.8
		190	77.8	11.87	15.0	76.7	11.77	15.1	73.8	11.33	15.3	69.4	10.56	15.6	66.3	9.91	15.7
		285	77.5	11.84	16.7	75.4	11.57	16.8	74.8	11.40	16.8	70.2	10.66	17.0	66.8	10.09	17.2
	25	95	79.1	11.21	14.8	76.2	10.80	15.1	74.4	10.55	15.4	70.2	9.88	15.9	67.3	9.32	16.3
		190	78.1	10.87	19.9	76.3	10.83	20.1	74.2	10.61	20.2	70.2	9.82	20.4	67.3	9.29	20.6
		285	78.0	10.42	21.6	76.3	10.34	21.7	74.2	10.42	21.8	70.3	9.99	22.0	67.4	8.86	22.1
	30	95	77.9	9.84	19.7	76.2	9.90	20.0	74.2	9.86	20.3	70.1	8.96	20.8	67.3	8.58	21.1
		190	78.0	9.62	24.8	76.4	9.80	25.0	74.4	9.70	25.1	70.2	8.92	25.4	67.4	8.16	25.5
		285	77.9	9.28	26.5	76.3	9.29	26.6	74.4	9.45	26.7	70.2	8.80	26.9	67.4	8.35	27.0
	35	95	78.1	9.23	24.6	76.3	9.37	24.9	74.4	9.60	25.2	70.1	8.72	25.7	67.4	8.02	26.0
		190	77.9	9.03	29.8	76.2	9.33	30.0	74.4	9.26	30.1	70.3	8.55	30.3	67.3	7.82	30.5
		285	77.8	8.73	31.5	76.2	9.10	31.6	74.3	9.29	31.7	70.2	8.41	31.9	67.4	7.70	32.0
	40	95	78.0	8.56	29.5	76.2	8.62	29.8	74.3	9.06	30.2	70.3	8.26	30.6	67.3	7.64	31.0
		190	77.9	8.23	34.7	76.2	8.58	34.9	74.4	8.73	35.0	70.1	8.13	35.3	67.3	7.45	35.5
		285	78.0	8.22	36.5	76.3	8.24	36.6	74.4	8.82	36.7	70.3	7.98	36.9	67.4	7.33	37.0
	45	95	77.9	7.58	34.4	76.3	7.53	34.6	74.3	8.20	35.0	70.2	7.50	35.5	67.3	6.94	35.9
		190	78.0	7.10	39.7	76.4	7.42	39.8	74.4	7.88	40.0	70.1	7.33	40.3	67.4	6.80	40.4
		285	78.1	7.40	41.4	76.2	7.10	41.5	74.4	8.01	41.7	70.2	7.18	41.8	67.4	6.69	41.9
110	10	95	65.4	15.18	2.4	63.5	14.62	2.6	60.3	14.15	3.0	57.0	13.03	3.4	54.0	11.96	3.7
		190	66.2	14.93	6.1	64.1	14.45	6.3	60.9	13.98	6.5	57.7	12.90	6.6	54.6	11.72	6.8
		285	69.8	14.72	7.2	68.0	14.21	7.3	64.9	13.75	7.4	61.2	12.69	7.6	58.0	11.70	7.7
	15	95	72.1	13.26	6.1	69.6	12.82	6.4	66.5	12.32	6.8	62.9	11.38	7.2	59.4	10.43	7.6
		190	72.7	12.83	10.5	70.8	12.65	10.6	67.4	12.22	10.8	63.4	11.25	11.1	60.1	10.16	11.2
		285	72.6	12.78	12.0	70.5	12.45	12.1	67.9	12.03	12.2	63.8	11.07	12.3	60.4	10.28	12.5
	20	95	72.8	11.84	10.8	70.6	11.54	11.1	67.6	11.02	11.5	63.4	10.19	12.0	60.2	9.55	12.4
		190	73.4	11.59	15.3	71.3	11.38	15.5	68.3	10.96	15.7	64.4	10.23	15.9	60.8	9.44	16.1
		285	73.4	11.72	16.9	71.3	11.32	17.0	69.1	11.05	17.1	64.9	10.07	17.2	61.5	9.57	17.4
	25	95	74.0	10.44	15.4	71.1	10.14	15.8	68.8	9.93	16.1	64.8	9.18	16.6	61.6	8.49	17.0
		190	73.5	10.25	20.2	71.2	10.08	20.4	68.8	9.87	20.6	64.9	9.13	20.8	61.6	8.42	21.0
		285	73.4	10.40	21.8	71.3	10.09	21.9	68.8	9.70	22.0	64.8	9.28	22.2	61.7	8.03	22.3
	30	95	73.4	8.78	20.2	71.2	8.94	20.6	68.8	8.76	20.9	64.9	8.12	21.4	61.6	7.44	21.8
		190	73.4	8.72	25.1	71.2	8.87	25.3	68.9	8.60	25.5	64.8	8.05	25.7	61.6	7.16	25.9
		285	73.4	8.73	26.7	71.1	8.45	26.8	68.9	8.36	27.0	64.9	7.71	27.1	61.6	7.33	27.3
	35	95	73.5	8.17	25.1	71.2	8.18	25.5	68.8	8.31	25.9	64.9	7.49	26.3	61.6	6.84	26.7
		190	73.6	8.15	30.1	71.2	8.34	30.3	68.7	8.12	30.4	64.9	7.49	30.7	61.7	6.79	30.9
		285	73.5	7.71	31.7	71.1	7.95	31.8	68.8	7.90	31.9	64.9	7.36	32.1	61.6	6.67	32.2
	40	95	73.6	7.39	30.0	71.1	7.63	30.4	68.8	7.78	30.8	64.8	7.03	31.3	61.6	6.44	31.7
		190	73.4	7.39	35.0	71.2	7.58	35.2	68.8	7.43	35.4	64.8	7.05	35.6	61.7	6.42	35.8
		285	73.4	7.34	36.7	71.2	7.18	36.8	68.8	7.49	36.9	64.8	6.64	37.1	61.6	6.04	37.2
	45	95	73.5	6.34	34.9	71.2	6.68	35.3	68.9	6.95	35.7	64.8	6.32	36.2	61.6	5.78	36.6
		190	73.4	6.32	39.9	71.3	6.51	40.1	68.8	6.43	40.3	64.9	6.27	40.6	61.6	5.78	40.8
		285	73.4	6.73	41.6	71.3	6.14	41.7	68.8	6.83	41.9	64.8	5.64	42.0	61.7	5.18	42.2

1-6. AM200FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	95	62.6	15.28	2.9	60.0	14.84	3.2	57.1	14.22	3.5	53.9	13.12	3.8	50.8	11.84	4.1
		190	63.0	15.17	6.4	60.3	14.71	6.6	57.3	14.09	6.7	54.2	12.97	6.9	51.0	11.71	7.0
		285	66.7	14.90	7.4	63.9	14.46	7.5	60.7	13.84	7.6	57.4	12.75	7.8	54.0	11.53	7.9
	15	95	69.0	13.36	6.6	66.0	12.97	7.0	63.0	12.41	7.4	59.4	11.45	7.8	55.8	10.35	8.1
		190	69.0	13.25	10.8	66.0	12.85	11.0	63.0	12.31	11.2	59.4	11.33	11.4	55.8	10.24	11.6
		285	69.0	12.99	12.2	66.0	12.64	12.3	63.0	12.09	12.4	59.4	11.14	12.6	55.8	10.08	12.7
	20	95	69.0	11.77	11.4	66.0	11.43	11.8	63.0	10.92	12.1	59.4	10.08	12.6	55.8	9.11	13.0
		190	69.0	11.66	15.7	66.0	11.32	15.9	63.0	10.86	16.1	59.4	9.98	16.3	55.8	9.01	16.5
		285	69.0	11.46	17.1	66.0	11.12	17.2	63.0	10.65	17.4	59.4	9.80	17.5	55.8	8.86	17.6
	25	95	69.0	9.99	16.1	66.0	9.70	16.5	63.0	9.26	16.9	59.4	8.55	17.3	55.8	7.72	17.7
		190	69.0	9.87	20.5	66.0	9.59	20.7	63.0	9.18	20.9	59.4	8.46	21.2	55.8	7.64	21.4
		285	69.0	9.70	22.0	66.0	9.43	22.2	63.0	9.02	22.3	59.4	8.33	22.4	55.8	7.51	22.6
	30	95	69.0	8.35	20.8	66.0	8.11	21.3	63.0	7.75	21.7	59.4	7.15	22.1	55.8	6.47	22.6
		190	69.0	8.27	25.4	66.0	8.04	25.6	63.0	7.69	25.8	59.4	7.08	26.1	55.8	6.39	26.3
		285	69.0	8.12	26.9	66.0	7.90	27.1	63.0	7.56	27.2	59.4	6.97	27.4	55.8	6.28	27.5
	35	95	69.0	7.59	25.7	66.0	7.38	26.2	63.0	7.05	26.6	59.4	6.50	27.0	55.8	5.86	27.5
		190	69.0	7.52	30.4	66.0	7.29	30.6	63.0	6.98	30.8	59.4	6.44	31.0	55.8	5.82	31.2
		285	69.0	7.39	31.9	66.0	7.18	32.0	63.0	6.86	32.2	59.4	6.33	32.3	55.8	5.72	32.5
	40	95	69.0	6.82	30.6	66.0	6.64	31.0	63.0	6.34	31.5	59.4	5.84	31.9	55.8	5.29	32.4
		190	69.0	6.76	35.3	66.0	6.57	35.5	63.0	6.28	35.7	59.4	5.80	36.0	55.8	5.23	36.2
		285	69.0	6.65	36.9	66.0	6.46	37.0	63.0	6.17	37.1	59.4	5.69	37.3	55.8	5.14	37.5
	45	95	69.0	5.81	35.5	66.0	5.62	35.9	63.0	5.38	36.3	59.4	4.97	36.8	55.8	4.48	37.3
		190	69.0	5.74	40.2	66.0	5.57	40.4	63.0	5.32	40.6	59.4	4.92	40.9	55.8	4.44	41.1
		285	69.0	5.64	41.8	66.0	5.47	42.0	63.0	5.24	42.1	59.4	4.83	42.3	55.8	4.37	42.4
90	10	95	56.5	14.47	3.7	53.9	14.06	4.0	51.3	13.44	4.3	48.6	12.42	4.5	45.6	11.20	4.8
		190	56.7	14.29	6.8	54.1	13.87	7.0	51.6	13.27	7.1	48.8	12.27	7.2	45.9	11.07	7.4
		285	59.9	14.13	7.7	57.4	13.73	7.8	54.6	13.13	7.9	51.7	12.12	8.0	48.5	10.94	8.1
	15	95	62.1	12.65	7.5	59.4	12.30	7.9	56.6	11.74	8.2	53.5	10.84	8.6	50.3	9.81	8.9
		190	62.1	12.49	11.3	59.4	12.12	11.4	56.6	11.60	11.6	53.5	10.71	11.8	50.3	9.66	11.9
		285	62.1	12.34	12.5	59.4	11.98	12.6	56.6	11.47	12.7	53.5	10.58	12.8	50.3	9.56	13.0
	20	95	62.1	11.13	12.3	59.4	10.82	12.7	56.6	10.35	13.0	53.5	9.55	13.4	50.3	8.61	13.7
		190	62.1	11.00	16.1	59.4	10.67	16.3	56.6	10.21	16.5	53.5	9.42	16.7	50.3	8.51	16.8
		285	62.1	10.86	17.4	59.4	10.55	17.5	56.6	10.10	17.7	53.5	9.31	17.8	50.3	8.41	17.9
	25	95	62.1	9.50	17.1	59.4	9.21	17.4	56.6	8.81	17.8	53.5	8.13	18.2	50.3	7.33	18.5
		190	62.1	9.39	21.0	59.4	9.09	21.2	56.6	8.70	21.4	53.5	8.03	21.6	50.3	7.25	21.8
		285	62.1	9.18	22.3	59.4	8.91	22.5	56.6	8.54	22.6	53.5	7.88	22.7	50.3	7.11	22.8
	30	95	62.1	7.92	21.8	59.4	7.69	22.2	56.6	7.36	22.6	53.5	6.79	23.0	50.3	6.13	23.3
		190	62.1	7.82	25.9	59.4	7.59	26.1	56.6	7.26	26.3	53.5	6.70	26.5	50.3	6.05	26.7
		285	62.1	7.74	27.3	59.4	7.50	27.4	56.6	7.19	27.5	53.5	6.63	27.6	50.3	5.99	27.8
	35	95	62.1	7.18	26.7	59.4	6.97	27.1	56.6	6.66	27.5	53.5	6.16	27.9	50.3	5.56	28.2
		190	62.1	7.09	30.9	59.4	6.89	31.0	56.6	6.59	31.2	53.5	6.09	31.4	50.3	5.50	31.6
		285	62.1	7.01	32.2	59.4	6.81	32.4	56.6	6.52	32.5	53.5	6.02	32.6	50.3	5.43	32.7
	40	95	62.1	6.46	31.6	59.4	6.27	32.0	56.6	5.99	32.4	53.5	5.53	32.8	50.3	5.00	33.2
		190	62.1	6.40	35.8	59.4	6.21	36.0	56.6	5.94	36.2	53.5	5.48	36.4	50.3	4.94	36.6
		285	62.1	6.31	37.2	59.4	6.13	37.3	56.6	5.87	37.4	53.5	5.41	37.6	50.3	4.89	37.7
	45	95	62.1	5.49	36.5	59.4	5.32	36.8	56.6	5.09	37.2	53.5	4.70	37.6	50.3	4.24	38.1
		190	62.1	5.43	40.7	59.4	5.26	40.9	56.6	5.04	41.1	53.5	4.65	41.3	50.3	4.20	41.5
		285	62.1	5.37	42.1	59.4	5.20	42.3	56.6	4.98	42.4	53.5	4.59	42.5	50.3	4.15	42.7
80	10	95	50.2	12.88	4.4	47.9	12.49	4.7	45.6	11.95	4.9	43.2	11.04	5.2	40.5	9.97	5.4
		190	50.3	12.73	7.2	48.2	12.38	7.3	45.8	11.82	7.4	43.4	10.92	7.6	40.8	9.86	7.7
		285	53.4	12.62	7.9	51.0	12.25	8.0	48.6	11.74	8.1	45.9	10.82	8.2	43.2	9.79	8.3
	15	95	55.1	11.24	8.4	52.8	10.92	8.7	50.3	10.45	9.0	47.4	9.63	9.3	44.7	8.69	9.6
		190	55.1	11.13	11.7	52.8	10.81	11.8	50.3	10.35	12.0	47.4	9.54	12.1	44.7	8.63	12.3
		285	55.1	11.04	12.8	52.8	10.71	12.9	50.3	10.25	13.0	47.4	9.47	13.1	44.7	8.53	13.2
	20	95	55.1	9.89	13.2	52.8	9.61	13.5	50.3	9.18	13.8	47.4	8.48	14.1	44.7	7.65	14.4
		190	55.1	9.81	16.6	52.8	9.51	16.7	50.3	9.11	16.9	47.4	8.38	17.1	44.7	7.59	17.2
		285	55.1	9.71	17.7	52.8	9.43	17.8	50.3	9.04	17.9	47.4	8.32	18.0	44.7	7.52	18.1
	25	95	55.1	8.49	18.0	52.8	8.23	18.3	50.3	7.88	18.6	47.4	7.27	18.9	44.7	6.57	19.2
		190	55.1	8.36	21.5	52.8	8.12	21.6	50.3	7.76	21.8	47.4	7.17	22.0	44.7	6.47	22.1
		285	55.1	8.20	22.6	52.8	7.98	22.7	50.3	7.64	22.9	47.4	7.04	23.0	44.7	6.35	23.1
	30	95	55.1	7.03	22.7	52.8	6.82	23.1	50.3	6.53	23.4	47.4	6.03	23.8	44.7	5.45	24.1
		190	55.1	7.00	26.4	52.8	6.79	26.5	50.3	6.50	26.7	47.4	6.00	26.9	44.7	5.41	27.0
		285	55.1	6.89	27.6	52.8	6.68	27.7	50.3	6.39	27.8	47.4	5.89	27.9	44.7	5.32	28.0
	35	95	55.1	6.41	27.7	52.8	6.24	28.0	50.3	5.96	28.3	47.4	5.49	28.7	44.7	4.97	29.0
		190	55.1	6.39	31.3	52.8	6.19	31.5	50.3	5.92	31.7	47.4	5.47	31.8	44.7	4.94	32.0
		285	55.1	6.23	32.5	52.8	6.05	32.6	50.3	5.79	32.8	47.4	5.35	32.9	44.7	4.83	33.0
	40	95	55.1	5.78	32.6	52.8	5.61	32.9	50.3	5.36	33.2	47.4	4.95	33.6	44.7	4.47	33.9
		190	55.1	5.74	36.3	52.8	5.58	36.4	50.3	5.33	36.6	47.4	4.91	36.8	44.7	4.44	37.0
		285	55.1	5.61	37.5	52.8	5.45	37.6	50.3	5.21	37.7	47.4	4.80	37.9	44.7	4.34	38.0
	45	95	55.1	4.90	37.4	52.8	4.76	37.8	50.3	4.56	38.1	47.4	4.20	38.5	44.7	3.80	38.8
		190	55.1	4.88	41.2	52.8	4.73	41.4	50.3	4.52	41.5	47.4	4.17	41.7	44.7	3.77	41.9
		285	55.1	4.76	42.5	52.8	4.62	42.6	50.3	4.42	42.7	47.4	4.09	42.8	44.7	3.69	42.9

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	95	43.9	10.65	5.0	42.0	10.34	5.2	40.0	9.91	5.5	37.8	9.15	5.7	35.5	8.24	5.9
		190	44.0	10.61	7.5	42.2	10.31	7.6	40.1	9.87	7.7	38.0	9.09	7.8	35.7	8.21	7.9
		285	46.7	10.38	8.2	44.7	10.07	8.3	42.5	9.65	8.3	40.3	8.88	8.4	37.8	8.04	8.5
	15	95	48.3	9.33	9.1	46.2	9.06	9.4	44.0	8.66	9.7	41.6	7.99	9.9	39.1	7.21	10.2
		190	48.3	9.28	12.1	46.2	9.01	12.2	44.0	8.62	12.3	41.6	7.94	12.5	39.1	7.19	12.6
		285	48.3	9.07	13.0	46.2	8.81	13.1	44.0	8.42	13.2	41.6	7.76	13.3	39.1	7.02	13.4
	20	95	48.3	8.19	13.9	46.2	7.96	14.2	44.0	7.63	14.5	41.6	7.04	14.8	39.1	6.35	15.1
		190	48.3	8.17	17.0	46.2	7.92	17.1	44.0	7.58	17.3	41.6	7.00	17.4	39.1	6.32	17.5
		285	48.3	7.98	18.0	46.2	7.76	18.1	44.0	7.41	18.2	41.6	6.83	18.3	39.1	6.18	18.3
	25	95	48.3	6.99	18.8	46.2	6.78	19.1	44.0	6.50	19.3	41.6	5.99	19.6	39.1	5.41	19.9
		190	48.3	6.92	21.9	46.2	6.73	22.0	44.0	6.43	22.2	41.6	5.94	22.3	39.1	5.35	22.5
		285	48.3	6.80	22.9	46.2	6.60	23.0	44.0	6.32	23.1	41.6	5.83	23.2	39.1	5.27	23.3
	30	95	48.3	5.85	23.6	46.2	5.68	23.9	44.0	5.42	24.2	41.6	5.00	24.5	39.1	4.52	24.8
		190	48.3	5.79	26.8	46.2	5.63	26.9	44.0	5.38	27.1	41.6	4.97	27.2	39.1	4.48	27.4
		285	48.3	5.70	27.9	46.2	5.54	28.0	44.0	5.30	28.1	41.6	4.89	28.2	39.1	4.42	28.3
	35	95	48.3	5.34	28.5	46.2	5.20	28.8	44.0	4.96	29.1	41.6	4.58	29.4	39.1	4.14	29.7
		190	48.3	5.24	31.8	46.2	5.10	31.9	44.0	4.87	32.0	41.6	4.50	32.2	39.1	4.06	32.4
		285	48.3	5.19	32.8	46.2	5.04	32.9	44.0	4.81	33.0	41.6	4.44	33.1	39.1	4.01	33.2
	40	95	48.3	4.81	33.4	46.2	4.67	33.7	44.0	4.47	34.0	41.6	4.13	34.3	39.1	3.73	34.7
		190	48.3	4.72	36.7	46.2	4.58	36.9	44.0	4.39	37.0	41.6	4.04	37.2	39.1	3.66	37.3
		285	48.3	4.67	37.8	46.2	4.53	37.9	44.0	4.34	38.0	41.6	4.00	38.1	39.1	3.61	38.2
	45	95	48.3	4.08	38.3	46.2	3.97	38.6	44.0	3.80	38.9	41.6	3.49	39.3	39.1	3.16	39.6
		190	48.3	4.01	41.7	46.2	3.90	41.8	44.0	3.72	42.0	41.6	3.43	42.1	39.1	3.11	42.3
		285	48.3	3.96	42.8	46.2	3.84	42.9	44.0	3.68	43.0	41.6	3.39	43.1	39.1	3.07	43.2
60	10	95	37.6	8.81	5.7	36.0	8.56	5.9	34.2	8.19	6.1	32.4	7.54	6.2	30.5	6.81	6.4
		190	37.7	8.63	7.8	36.1	8.38	7.9	34.4	8.03	8.0	32.5	7.40	8.1	30.5	6.69	8.2
		285	40.0	8.58	8.4	38.3	8.33	8.5	36.4	7.97	8.6	34.5	7.34	8.6	32.4	6.63	8.7
	15	95	41.4	7.69	9.9	39.6	7.47	10.2	37.7	7.16	10.4	35.7	6.59	10.6	33.5	5.96	10.8
		190	41.4	7.55	12.4	39.6	7.33	12.6	37.7	7.01	12.7	35.7	6.47	12.8	33.5	5.84	12.9
		285	41.4	7.50	13.3	39.6	7.28	13.4	37.7	6.96	13.5	35.7	6.41	13.5	33.5	5.80	13.6
	20	95	41.4	6.77	14.8	39.6	6.58	15.0	37.7	6.30	15.3	35.7	5.80	15.5	33.5	5.25	15.7
		190	41.4	6.64	17.4	39.6	6.46	17.5	37.7	6.16	17.6	35.7	5.69	17.7	33.5	5.14	17.9
		285	41.4	6.60	18.2	39.6	6.40	18.3	37.7	6.12	18.4	35.7	5.64	18.5	33.5	5.10	18.6
	25	95	41.4	5.73	19.6	39.6	5.57	19.9	37.7	5.33	20.1	35.7	4.91	20.4	33.5	4.44	20.6
		190	41.4	5.66	22.3	39.6	5.50	22.4	37.7	5.25	22.6	35.7	4.85	22.7	33.5	4.38	22.8
		285	41.4	5.57	23.2	39.6	5.39	23.3	37.7	5.16	23.4	35.7	4.76	23.4	33.5	4.31	23.5
	30	95	41.4	4.77	24.5	39.6	4.64	24.7	37.7	4.43	25.0	35.7	4.09	25.2	33.5	3.69	25.5
		190	41.4	4.70	27.2	39.6	4.57	27.4	37.7	4.38	27.5	35.7	4.03	27.6	33.5	3.64	27.7
		285	41.4	4.66	28.2	39.6	4.52	28.2	37.7	4.32	28.3	35.7	3.98	28.4	33.5	3.60	28.5
	35	95	41.4	4.33	29.4	39.6	4.20	29.7	37.7	4.01	29.9	35.7	3.71	30.2	33.5	3.35	30.5
		190	41.4	4.33	32.2	39.6	4.19	32.3	37.7	4.01	32.5	35.7	3.70	32.6	33.5	3.35	32.7
		285	41.4	4.25	33.1	39.6	4.12	33.2	37.7	3.94	33.3	35.7	3.64	33.4	33.5	3.28	33.5
	40	95	41.4	3.89	34.3	39.6	3.78	34.6	37.7	3.61	34.9	35.7	3.34	35.1	33.5	3.02	35.4
		190	41.4	3.88	37.2	39.6	3.78	37.3	37.7	3.62	37.4	35.7	3.33	37.6	33.5	3.01	37.7
		285	41.4	3.81	38.1	39.6	3.71	38.2	37.7	3.54	38.3	35.7	3.27	38.4	33.5	2.95	38.5
	45	95	41.4	3.30	39.3	39.6	3.21	39.5	37.7	3.07	39.8	35.7	2.83	40.0	33.5	2.56	40.3
		190	41.4	3.30	42.1	39.6	3.21	42.3	37.7	3.07	42.4	35.7	2.83	42.5	33.5	2.55	42.7
		285	41.4	3.24	43.1	39.6	3.14	43.2	37.7	3.01	43.3	35.7	2.78	43.3	33.5	2.51	43.4
50	10	95	31.3	6.72	6.3	30.0	6.53	6.5	28.5	6.25	6.6	27.0	5.76	6.8	25.4	5.21	7.0
		190	31.5	6.66	8.1	30.1	6.47	8.2	28.7	6.19	8.3	27.1	5.69	8.4	25.4	5.15	8.5
		285	33.4	6.61	8.7	31.8	6.43	8.7	30.3	6.14	8.8	28.7	5.67	8.8	27.0	5.12	8.9
	15	95	34.5	5.88	10.7	33.0	5.69	10.9	31.4	5.46	11.1	29.7	5.03	11.3	27.9	4.55	11.5
		190	34.5	5.82	12.8	33.0	5.64	12.9	31.4	5.40	13.0	29.7	4.98	13.1	27.9	4.49	13.2
		285	34.5	5.78	13.6	33.0	5.61	13.6	31.4	5.36	13.7	29.7	4.95	13.8	27.9	4.47	13.8
	20	95	34.5	5.17	15.6	33.0	5.02	15.8	31.4	4.80	16.0	29.7	4.43	16.2	27.9	4.00	16.4
		190	34.5	5.12	17.8	33.0	4.97	17.9	31.4	4.76	18.0	29.7	4.38	18.1	27.9	3.96	18.2
		285	34.5	5.10	18.5	33.0	4.95	18.6	31.4	4.73	18.7	29.7	4.37	18.7	27.9	3.94	18.8
	25	95	34.5	4.40	20.5	33.0	4.27	20.7	31.4	4.09	20.9	29.7	3.77	21.1	27.9	3.41	21.3
		190	34.5	4.31	22.7	33.0	4.18	22.8	31.4	4.00	22.9	29.7	3.70	23.0	27.9	3.33	23.1
		285	34.5	4.33	23.5	33.0	4.20	23.6	31.4	4.02	23.6	29.7	3.71	23.7	27.9	3.35	23.8
	30	95	34.5	3.71	25.4	33.0	3.60	25.6	31.4	3.44	25.8	29.7	3.17	26.0	27.9	2.87	26.2
		190	34.5	3.63	27.7	33.0	3.52	27.8	31.4	3.36	27.9	29.7	3.10	28.0	27.9	2.81	28.1
		285	34.5	3.61	28.4	33.0	3.50	28.5	31.4	3.34	28.6	29.7	3.09	28.7	27.9	2.79	28.7
	35	95	34.5	3.36	30.3	33.0	3.27	30.5	31.4	3.12	30.7	29.7	2.88	31.0	27.9	2.60	31.2
		190	34.5	3.29	32.6	33.0	3.20	32.8	31.4	3.05	32.9	29.7	2.82	33.0	27.9	2.55	33.1
		285	34.5	3.24	33.4	33.0	3.15	33.5	31.4	3.01	33.6	29.7	2.78	33.6	27.9	2.51	33.7
	40	95	34.5	3.02	35.3	33.0	2.94	35.5	31.4	2.81	35.7	29.7	2.59	35.9	27.9	2.34	36.1
		190	34.5	2.96	37.6	33.0	2.88	37.7	31.4	2.75	37.8	29.7	2.54	38.0	27.9	2.30	38.1
		285	34.5	2.93	38.4	33.0	2.83	38.5	31.4	2.71	38.6	29.7	2.51	38.6	27.9	2.26	38.7
	45	95	34.5	2.57	40.2	33.0	2.49	40.4	31.4	2.38	40.6	29.7	2.20	40.9	27.9	1.99	41.1
		190	34.5	2.51	42.6	33.0	2.44	42.7	31.4	2.33	42.8	29.7	2.16	42.9	27.9	1.95	43.0
		285	34.5	2.48	43.4	33.0	2.41	43.5	31.4	2.30	43.5	29.7	2.13	43.6	27.9	1.92	43.7

1-7. AM220FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	105	61.7	4.37	19.0	67.8	5.20	20.0	73.0	5.69	20.7	78.3	6.05	21.5	80.1	6.11	21.8
		210	61.7	4.27	14.5	67.7	5.03	15.0	73.0	5.60	15.4	78.2	5.92	15.7	80.3	6.03	15.9
		315	61.6	4.21	13.0	67.8	4.96	13.3	73.0	5.44	13.6	78.2	5.73	13.8	80.4	5.89	13.9
	15	105	60.6	5.63	24.0	66.7	6.66	25.0	71.9	7.41	25.8	76.9	7.77	26.6	78.9	7.93	26.8
		210	60.5	5.54	19.5	66.7	6.52	20.0	71.9	7.28	20.4	77.0	7.65	20.8	78.9	7.83	20.9
		315	60.6	5.39	18.0	66.8	6.38	18.3	71.9	7.06	18.6	77.0	7.40	18.8	78.8	7.62	18.9
	20	105	59.7	6.72	29.1	65.8	7.85	30.1	71.1	8.78	30.9	75.9	9.20	31.6	77.9	9.40	31.9
		210	59.7	6.58	24.5	65.8	7.73	25.0	70.9	8.65	25.4	75.9	9.08	25.8	77.9	9.27	25.9
		315	59.8	6.36	23.0	65.8	7.51	23.3	71.0	8.39	23.6	75.8	8.75	23.8	77.9	9.02	24.0
	25	105	59.6	8.42	34.3	65.8	9.92	35.3	71.1	11.06	36.2	75.8	11.60	36.9	77.8	11.81	37.2
		210	59.7	8.32	29.6	65.8	9.76	30.2	71.0	10.86	30.6	75.9	11.46	31.0	77.8	11.64	31.1
		315	59.7	8.02	28.1	65.8	9.49	28.4	71.0	10.56	28.7	75.8	11.08	29.0	77.9	11.38	29.1
	30	105	59.7	9.89	39.5	65.8	11.62	40.6	71.1	12.98	41.5	75.9	13.59	42.2	77.9	13.84	42.5
		210	59.8	9.72	34.7	65.9	11.43	35.3	71.1	12.77	35.7	75.8	13.40	36.1	77.9	13.67	36.3
		315	59.7	9.41	33.1	65.9	11.06	33.5	71.0	12.35	33.8	75.9	12.95	34.0	77.9	13.31	34.1
	35	105	56.5	10.28	44.1	62.4	12.11	45.2	67.1	13.53	46.0	72.0	14.17	46.8	73.6	14.41	47.0
		210	56.5	10.09	39.5	62.4	11.91	40.1	67.2	13.27	40.5	72.0	13.96	40.9	73.6	14.26	41.0
		315	56.4	9.84	38.0	62.3	11.56	38.4	67.1	12.83	38.6	72.1	13.51	38.9	73.6	13.88	39.0
	40	105	47.1	10.73	47.9	51.9	12.62	48.8	55.9	14.03	49.5	59.9	14.74	50.2	61.6	15.06	50.5
		210	47.6	10.54	44.0	52.4	12.42	44.4	56.4	13.79	44.8	60.4	14.52	45.1	62.0	14.83	45.2
		315	48.3	10.22	42.7	53.1	12.01	43.0	57.3	13.42	43.2	61.3	14.07	43.4	63.0	14.49	43.5
	45	105	39.4	11.06	51.9	43.2	13.03	52.7	46.4	14.52	53.3	49.7	15.23	53.9	51.1	15.50	54.1
		210	39.7	10.88	48.4	43.5	12.82	48.8	46.8	14.28	49.2	50.1	15.03	49.4	51.5	15.33	49.6
		315	40.2	10.52	47.3	44.2	12.39	47.6	47.5	13.84	47.8	50.9	14.52	48.0	52.2	14.99	48.1
120	10	105	58.4	4.16	18.5	64.3	4.92	19.4	69.3	5.40	20.2	74.0	5.72	20.9	75.8	5.78	21.1
		210	58.4	4.09	14.3	64.3	4.82	14.7	69.3	5.30	15.1	74.0	5.59	15.4	76.0	5.70	15.6
		315	58.3	3.91	12.8	64.3	4.71	13.1	69.3	5.14	13.4	74.0	5.43	13.6	76.0	5.62	13.7
	15	105	57.7	5.40	23.6	63.3	6.36	24.5	68.4	7.10	25.3	73.3	7.44	26.0	75.1	7.55	26.3
		210	57.7	5.31	19.3	63.4	6.25	19.8	68.4	6.97	20.1	73.2	7.31	20.5	75.0	7.45	20.6
		315	57.7	5.13	17.9	63.4	6.09	18.2	68.4	6.74	18.4	73.2	7.08	18.7	75.0	7.30	18.7
	20	105	57.1	6.46	28.7	62.7	7.56	29.6	67.7	8.43	30.4	72.6	8.86	31.1	74.4	9.03	31.4
		210	57.1	6.30	24.3	62.8	7.41	24.8	67.8	8.30	25.2	72.5	8.74	25.5	74.4	8.88	25.7
		315	57.1	6.14	22.9	62.7	7.23	23.2	67.7	8.05	23.4	72.6	8.41	23.7	74.3	8.67	23.8
	25	105	57.0	8.08	33.9	62.7	9.52	34.9	67.7	10.57	35.7	72.5	11.13	36.4	74.4	11.33	36.7
		210	57.1	7.95	29.4	62.7	9.36	29.9	67.8	10.43	30.3	72.5	10.94	30.7	74.3	11.16	30.8
		315	57.1	7.66	27.9	62.8	9.07	28.3	67.7	10.13	28.5	72.6	10.60	28.8	74.5	10.87	28.9
	30	105	57.0	9.55	39.1	62.7	11.24	40.1	67.7	12.51	40.9	72.5	13.15	41.7	74.3	13.38	42.0
		210	57.2	9.38	34.5	62.8	11.04	35.0	67.8	12.34	35.5	72.6	12.93	35.8	74.4	13.19	36.0
		315	57.1	9.06	33.0	62.8	10.68	33.3	67.7	11.93	33.6	72.5	12.53	33.9	74.3	12.82	34.0
	35	105	54.8	10.07	43.9	60.4	11.88	44.9	65.3	13.25	45.7	69.8	13.85	46.4	71.5	14.12	46.7
		210	54.8	9.89	39.4	60.5	11.66	39.9	65.2	13.00	40.3	69.6	13.66	40.7	71.6	13.93	40.8
		315	54.8	9.60	37.9	60.5	11.32	38.3	65.3	12.58	38.5	69.7	13.21	38.8	71.6	13.56	38.9
	40	105	46.7	10.69	47.8	51.4	12.60	48.7	55.4	14.04	49.5	59.3	14.71	50.1	60.9	15.02	50.4
		210	47.2	10.51	43.9	52.0	12.41	44.4	56.0	13.77	44.8	59.7	14.48	45.1	61.4	14.77	45.2
		315	47.8	10.20	42.6	52.7	12.02	42.9	56.9	13.38	43.2	60.6	14.07	43.4	62.4	14.42	43.5
	45	105	39.8	11.23	52.0	44.1	13.24	52.8	47.5	14.77	53.5	50.6	15.48	54.0	51.9	15.77	54.2
		210	40.1	11.07	48.5	44.3	13.02	48.9	47.8	14.51	49.3	51.0	15.25	49.5	52.3	15.56	49.6
		315	40.6	10.67	47.3	45.0	12.64	47.6	48.5	14.06	47.8	51.8	14.78	48.0	53.1	15.11	48.1
110	10	105	55.1	3.88	18.1	60.5	4.65	18.9	65.3	5.09	19.6	70.0	5.40	20.3	71.5	5.44	20.5
		210	55.2	3.83	14.0	60.5	4.51	14.4	65.4	5.00	14.8	69.9	5.31	15.1	71.5	5.34	15.2
		315	55.2	3.72	12.7	60.5	4.40	13.0	65.3	4.91	13.2	69.9	5.13	13.4	71.5	5.27	13.5
	15	105	54.7	5.14	23.2	60.1	6.07	24.0	65.0	6.77	24.8	69.5	7.08	25.5	71.2	7.23	25.7
		210	54.7	5.05	19.1	60.1	5.94	19.5	64.9	6.65	19.9	69.5	6.99	20.2	71.2	7.10	20.3
		315	54.7	4.91	17.7	60.1	5.79	18.0	64.9	6.47	18.2	69.5	6.76	18.5	71.2	6.93	18.6
	20	105	54.5	6.20	28.3	59.9	7.25	29.2	64.7	8.10	29.9	69.1	8.49	30.6	70.9	8.66	30.9
		210	54.4	6.06	24.1	59.9	7.13	24.6	64.7	7.96	25.0	69.0	8.37	25.3	70.9	8.52	25.4
		315	54.5	5.89	22.7	59.9	6.93	23.0	64.6	7.74	23.3	69.0	8.11	23.5	70.8	8.27	23.6
	25	105	54.5	7.74	33.5	59.8	9.09	34.4	64.7	10.13	35.2	69.1	10.63	35.9	70.9	10.81	36.1
		210	54.5	7.62	29.2	59.9	8.96	29.7	64.6	9.96	30.1	69.1	10.46	30.4	70.8	10.64	30.6
		315	54.4	7.34	27.8	59.8	8.67	28.1	64.6	9.69	28.4	69.0	10.15	28.6	70.8	10.36	28.7
	30	105	54.4	9.21	38.7	59.8	10.81	39.6	64.7	12.07	40.5	69.0	12.65	41.2	70.9	12.89	41.4
		210	54.5	9.05	34.3	59.9	10.66	34.8	64.6	11.90	35.2	69.1	12.45	35.6	70.9	12.69	35.7
		315	54.5	8.74	32.9	59.8	10.33	33.2	64.6	11.50	33.5	69.1	12.07	33.7	70.9	12.33	33.8
	35	105	53.2	9.83	43.6	58.9	11.61	44.6	63.2	12.94	45.4	67.8	13.57	46.1	69.4	13.81	46.4
		210	53.3	9.68	39.3	58.9	11.41	39.8	63.2	12.71	40.2	67.8	13.35	40.5	69.5	13.60	40.7
		315	53.2	9.38	37.8	58.9	11.06	38.2	63.2	12.29	38.4	67.8	12.93	38.7	69.4	13.22	38.8
	40	105	46.3	10.71	47.8	51.0	12.61	48.7	54.9	13.99	49.4	58.9	14.70	50.0	60.6	15.01	50.3
		210	46.6	10.49	43.9	51.5	12.40	44.4	55.3	13.78	44.7	59.3	14.44	45.0	60.9	14.74	45.2
		315	47.3	10.17	42.6	52.2	12.02	42.9	56.1	13.36	43.2	60.1	14.05	43.4	61.9	14.34	43.5
	45	105	40.6	11.44	52.1	44.7	13.46	52.9	48.1	14.98	53.6	51.7	15.73	54.2	53.0	16.02	54.4
		210	40.9	11.22	48.6	45.0	13.22	49.0	48.4	14.75	49.3	52.0	15.51	49.6	53.4	15.78	49.7
		315	41.5	10.83	47.4	45.7	12.83	47.7	49.1	14.29	47.9	52.8	15.02	48.1	54.1	15.33	48.2

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	105	51.8	3.70	17.6	57.2	4.35	18.4	61.6	4.84	19.1	66.0	5.09	19.7	67.6	5.17	19.9
		210	51.8	3.63	13.8	57.2	4.27	14.2	61.6	4.76	14.5	66.0	5.00	14.8	67.6	5.09	15.0
		315	51.8	3.52	12.5	57.2	4.14	12.8	61.6	4.62	13.0	66.0	4.84	13.2	67.6	4.93	13.3
	15	105	51.8	4.93	22.7	57.2	5.80	23.6	61.6	6.46	24.3	66.0	6.78	24.9	67.6	6.90	25.2
		210	51.8	4.84	18.9	57.2	5.71	19.3	61.6	6.35	19.6	66.0	6.67	20.0	67.6	6.79	20.1
		315	51.8	4.69	17.6	57.2	5.53	17.9	61.6	6.17	18.1	66.0	6.46	18.3	67.6	6.58	18.4
	20	105	51.8	5.94	27.9	57.2	7.00	28.8	61.6	7.79	29.5	66.0	8.18	30.1	67.6	8.33	30.4
		210	51.8	5.83	23.9	57.2	6.87	24.4	61.6	7.65	24.7	66.0	8.03	25.1	67.6	8.19	25.2
		315	51.8	5.66	22.6	57.2	6.66	22.9	61.6	7.42	23.1	66.0	7.79	23.4	67.6	7.94	23.4
	25	105	51.8	7.39	33.1	57.2	8.71	34.0	61.6	9.72	34.7	66.0	10.18	35.4	67.6	10.38	35.6
		210	51.8	7.28	29.0	57.2	8.56	29.5	61.6	9.54	29.9	66.0	10.02	30.2	67.6	10.20	30.3
		315	51.8	7.05	27.7	57.2	8.31	28.0	61.6	9.26	28.2	66.0	9.70	28.4	67.6	9.88	28.5
	30	105	51.8	8.90	38.3	57.2	10.47	39.2	61.6	11.66	40.0	66.0	12.23	40.7	67.6	12.48	40.9
		210	51.8	8.74	34.1	57.2	10.30	34.6	61.6	11.51	35.0	66.0	12.03	35.3	67.6	12.26	35.5
		315	51.8	8.47	32.7	57.2	9.97	33.1	61.6	11.11	33.3	66.0	11.65	33.5	67.6	11.88	33.6
	35	105	51.8	9.65	43.4	57.2	11.38	44.4	61.6	12.69	45.1	66.0	13.31	45.8	67.6	13.55	46.1
		210	51.8	9.50	39.2	57.2	11.18	39.7	61.6	12.46	40.1	66.0	13.09	40.4	67.6	13.32	40.5
		315	51.8	9.21	37.8	57.2	10.85	38.1	61.6	12.08	38.4	66.0	12.68	38.6	67.6	12.91	38.7
	40	105	46.0	10.71	47.7	50.7	12.62	48.6	54.6	14.04	49.4	58.6	14.73	50.0	60.1	15.01	50.3
		210	46.4	10.52	43.9	51.3	12.41	44.3	55.0	13.80	44.7	59.1	14.48	45.0	60.5	14.75	45.1
		315	47.1	10.21	42.6	52.0	12.02	42.9	55.9	13.39	43.2	59.9	14.05	43.4	61.5	14.30	43.4
	45	105	41.3	11.65	52.2	45.7	13.72	53.1	49.1	15.29	53.8	52.6	16.05	54.4	54.0	16.32	54.6
		210	41.7	11.47	48.6	46.0	13.49	49.1	49.4	15.04	49.4	53.0	15.76	49.7	54.4	16.06	49.8
		315	42.2	11.09	47.4	46.7	13.09	47.7	50.1	14.57	47.9	53.8	15.28	48.1	55.2	15.58	48.2
90	10	105	46.6	3.50	16.8	51.5	4.12	17.6	55.3	4.58	18.2	59.2	4.81	18.7	60.9	4.90	19.0
		210	46.6	3.42	13.4	51.5	4.03	13.8	55.3	4.49	14.1	59.2	4.71	14.4	60.9	4.81	14.5
		315	46.6	3.34	12.3	51.5	3.93	12.5	55.3	4.38	12.7	59.2	4.60	12.9	60.9	4.69	13.0
	15	105	46.6	4.66	22.0	51.5	5.49	22.8	55.3	6.12	23.4	59.2	6.42	24.0	60.9	6.54	24.2
		210	46.6	4.57	18.5	51.5	5.39	18.9	55.3	5.99	19.2	59.2	6.30	19.5	60.9	6.42	19.6
		315	46.6	4.46	17.3	51.5	5.25	17.6	55.3	5.85	17.8	59.2	6.14	18.0	60.9	6.25	18.1
	20	105	46.6	5.63	27.1	51.5	6.62	27.9	55.3	7.38	28.6	59.2	7.74	29.1	60.9	7.88	29.4
		210	46.6	5.52	23.6	51.5	6.48	24.0	55.3	7.23	24.3	59.2	7.59	24.6	60.9	7.74	24.7
		315	46.6	5.38	22.4	51.5	6.33	22.6	55.3	7.05	22.8	59.2	7.40	23.0	60.9	7.54	23.1
	25	105	46.6	7.03	32.3	51.5	8.28	33.2	55.3	9.23	33.8	59.2	9.68	34.4	60.9	9.87	34.7
		210	46.6	6.91	28.7	51.5	8.12	29.1	55.3	9.05	29.4	59.2	9.50	29.7	60.9	9.69	29.8
		315	46.6	6.66	27.4	51.5	7.85	27.7	55.3	8.74	27.9	59.2	9.19	28.1	60.9	9.36	28.2
	30	105	46.6	8.44	37.5	51.5	9.93	38.4	55.3	11.05	39.1	59.2	11.60	39.7	60.9	11.82	39.9
		210	46.6	8.28	33.7	51.5	9.74	34.2	55.3	10.86	34.5	59.2	11.39	34.8	60.9	11.59	34.9
		315	46.6	8.07	32.5	51.5	9.49	32.8	55.3	10.58	33.0	59.2	11.10	33.2	60.9	11.30	33.3
	35	105	46.6	9.14	42.6	51.5	10.76	43.5	55.3	12.00	44.2	59.2	12.58	44.8	60.9	12.82	45.1
		210	46.6	8.97	38.8	51.5	10.57	39.2	55.3	11.79	39.6	59.2	12.37	39.9	60.9	12.59	40.0
		315	46.6	8.75	37.5	51.5	10.31	37.8	55.3	11.49	38.0	59.2	12.04	38.2	60.9	12.27	38.3
	40	105	41.4	10.14	47.0	45.7	11.93	47.9	49.1	13.30	48.5	52.7	13.95	49.1	54.0	14.21	49.3
		210	41.8	9.94	43.5	46.1	11.71	43.9	49.6	13.05	44.3	53.2	13.69	44.6	54.5	13.94	44.7
		315	42.3	9.70	42.4	46.8	11.42	42.6	50.3	12.72	42.9	54.0	13.34	43.1	55.2	13.60	43.1
	45	105	37.2	11.04	51.6	41.1	12.99	52.4	44.1	14.47	53.0	47.3	15.19	53.5	48.6	15.46	53.7
		210	37.5	10.82	48.3	41.4	12.76	48.7	44.5	14.22	49.0	47.7	14.91	49.3	48.9	15.20	49.4
		315	46.5	3.51	47.3	42.0	12.44	47.5	45.1	13.85	47.7	48.4	14.53	47.9	49.6	14.79	47.9
80	10	105	41.4	3.05	16.1	45.7	3.65	16.7	49.1	4.08	17.3	52.8	4.27	17.8	54.1	4.35	18.0
		210	41.4	2.96	13.0	45.7	3.59	13.4	49.1	4.00	13.6	52.8	4.21	13.9	54.1	4.28	14.0
		315	41.4	4.18	12.1	45.7	3.52	12.2	49.1	3.92	12.4	52.8	4.11	12.6	54.1	4.18	12.7
	15	105	41.4	4.07	21.2	45.7	4.89	21.9	49.1	5.44	22.4	52.8	5.71	23.0	54.1	5.81	23.2
		210	41.4	3.95	18.1	45.7	4.80	18.4	49.1	5.35	18.7	52.8	5.60	19.0	54.1	5.71	19.1
		315	41.4	5.04	17.1	45.7	4.69	17.3	49.1	5.23	17.5	52.8	5.49	17.7	54.1	5.58	17.7
	20	105	41.4	4.91	26.3	45.7	5.88	27.0	49.1	6.56	27.6	52.8	6.87	28.1	54.1	7.01	28.3
		210	41.4	4.76	23.2	45.7	5.78	23.5	49.1	6.45	23.8	52.8	6.76	24.1	54.1	6.88	24.2
		315	41.4	6.28	22.2	45.7	5.66	22.3	49.1	6.30	22.5	52.8	6.61	22.7	54.1	6.73	22.8
	25	105	41.4	6.18	31.5	45.7	7.40	32.2	49.1	8.25	32.8	52.8	8.65	33.4	54.1	8.81	33.6
		210	41.4	5.97	28.2	45.7	7.25	28.6	49.1	8.07	28.9	52.8	8.48	29.2	54.1	8.63	29.3
		315	41.4	7.52	27.2	45.7	7.03	27.4	49.1	7.83	27.6	52.8	8.20	27.8	54.1	8.36	27.8
	30	105	41.4	7.36	36.7	45.7	8.83	37.4	49.1	9.82	38.0	52.8	10.30	38.6	54.1	10.51	38.8
		210	41.4	7.17	33.3	45.7	8.71	33.7	49.1	9.70	34.0	52.8	10.19	34.3	54.1	10.37	34.4
		315	41.4	8.19	32.3	45.7	8.45	32.5	49.1	9.42	32.7	52.8	9.87	32.9	54.1	10.07	32.9
	35	105	41.4	8.04	41.7	45.7	9.63	42.6	49.1	10.72	43.2	52.8	11.26	43.7	54.1	11.46	44.0
		210	41.4	7.82	38.4	45.7	9.49	38.8	49.1	10.59	39.1	52.8	11.10	39.4	54.1	11.31	39.5
		315	36.8	9.03	37.1	45.7	9.15	37.5	49.1	10.19	37.7	52.8	10.69	37.9	54.1	10.90	38.0
	40	105	37.1	8.89	46.3	40.6	10.68	47.0	43.7	11.87	47.6	46.8	12.46	48.1	48.0	12.70	48.3
		210	37.7	8.67	43.2	41.0	10.52	43.5	44.0	11.73	43.8	47.2	12.30	44.1	48.5	12.53	44.2
		315	33.1	9.84	42.0	41.6	10.15	42.4	44.7	11.30	42.5	47.9	11.85	42.7	49.2	12.07	42.8
	45	105	33.4	9.69	50.9	36.5	11.61	51.6	39.2	12.92	52.1	42.1	13.56	52.6	43.1	13.82	52.8
		210	33.8	9.44	48.0	36.8	11.46	48.3	39.6	12.76	48.6	42.4	13.39	48.8	43.5	13.65	48.9
		315	37.3	2.95	46.8	37.3	11.03	47.2	40.1	12.31	47.4	43.0	12.90	47.5	44.1	13.13	47.6

1-7. AM220FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	105	36.3	2.57	15.3	40.0	3.03	15.9	42.9	3.38	16.3	46.1	3.54	16.8	47.3	3.61	17.0
		210	36.3	2.55	12.7	40.0	3.00	12.9	42.9	3.34	13.2	46.1	3.50	13.4	47.3	3.57	13.5
		315	36.3	2.45	11.8	40.0	2.89	12.0	42.9	3.21	12.1	46.1	3.38	12.3	47.3	3.44	12.3
	15	105	36.3	3.43	20.4	40.0	4.04	21.0	42.9	4.51	21.5	46.1	4.73	21.9	47.3	4.81	22.1
		210	36.3	3.40	17.7	40.0	4.00	18.0	42.9	4.45	18.2	46.1	4.67	18.5	47.3	4.76	18.6
		315	36.3	3.27	16.8	40.0	3.86	17.0	42.9	4.29	17.1	46.1	4.51	17.3	47.3	4.59	17.4
	20	105	36.3	4.14	25.5	40.0	4.88	26.1	42.9	5.43	26.6	46.1	5.69	27.1	47.3	5.80	27.2
		210	36.3	4.09	22.8	40.0	4.82	23.1	42.9	5.37	23.3	46.1	5.63	23.5	47.3	5.74	23.6
		315	36.3	3.94	21.8	40.0	4.65	22.0	42.9	5.18	22.2	46.1	5.43	22.3	47.3	5.53	22.4
	25	105	36.3	5.18	30.7	40.0	6.10	31.3	42.9	6.80	31.8	46.1	7.13	32.3	47.3	7.26	32.4
		210	36.3	5.10	27.8	40.0	6.00	28.1	42.9	6.69	28.4	46.1	7.02	28.6	47.3	7.15	28.7
		315	36.3	4.94	26.9	40.0	5.81	27.1	42.9	6.47	27.2	46.1	6.80	27.4	47.3	6.92	27.5
	30	105	36.3	6.22	35.8	40.0	7.32	36.5	42.9	8.16	37.0	46.1	8.56	37.5	47.3	8.71	37.6
		210	36.3	6.12	32.9	40.0	7.20	33.2	42.9	8.03	33.5	46.1	8.42	33.7	47.3	8.58	33.8
		315	36.3	5.95	31.9	40.0	6.99	32.1	42.9	7.80	32.3	46.1	8.17	32.5	47.3	8.34	32.5
	35	105	36.3	6.81	40.9	40.0	8.03	41.6	42.9	8.94	42.1	46.1	9.38	42.6	47.3	9.56	42.8
		210	36.3	6.64	37.9	40.0	7.82	38.3	42.9	8.72	38.5	46.1	9.15	38.8	47.3	9.32	38.9
		315	36.3	6.47	36.9	40.0	7.62	37.2	42.9	8.48	37.3	46.1	8.90	37.5	47.3	9.06	37.6
	40	105	32.2	7.56	45.4	35.6	8.89	46.1	38.2	9.89	46.6	41.0	10.39	47.0	42.0	10.58	47.2
		210	32.5	7.35	42.7	35.8	8.65	43.0	38.5	9.64	43.3	41.3	10.13	43.5	42.3	10.32	43.6
		315	32.9	7.16	41.8	36.4	8.44	42.0	39.1	9.40	42.2	41.9	9.85	42.4	43.0	10.06	42.4
	45	105	28.9	8.22	50.1	31.9	9.68	50.7	34.3	10.79	51.2	36.8	11.31	51.6	37.7	11.52	51.7
		210	29.2	8.00	47.5	32.2	9.42	47.8	34.6	10.50	48.1	37.2	11.01	48.3	38.1	11.22	48.4
		315	29.6	7.79	46.7	32.7	9.18	46.9	35.1	10.23	47.1	37.7	10.72	47.2	38.6	10.93	47.3
60	10	105	31.0	2.13	14.5	34.3	2.50	15.0	36.9	2.79	15.4	39.6	2.93	15.8	40.5	2.98	15.9
		210	31.0	2.07	12.3	34.2	2.44	12.5	36.9	2.72	12.7	39.6	2.85	12.9	40.5	2.90	13.0
		315	31.0	2.03	11.5	34.3	2.39	11.7	36.9	2.66	11.8	39.6	2.79	11.9	40.5	2.84	12.0
	15	105	31.0	2.84	19.6	34.3	3.34	20.1	36.9	3.72	20.5	39.6	3.91	20.9	40.5	3.98	21.1
		210	31.0	2.76	17.3	34.3	3.25	17.6	36.9	3.63	17.8	39.6	3.80	18.0	40.6	3.87	18.0
		315	31.0	2.70	16.5	34.3	3.19	16.7	36.9	3.55	16.8	39.6	3.72	17.0	40.5	3.79	17.0
	20	105	31.0	3.42	24.7	34.3	4.03	25.2	36.9	4.49	25.7	39.6	4.71	26.0	40.5	4.80	26.2
		210	31.0	3.33	22.3	34.3	3.92	22.6	36.9	4.37	22.8	39.6	4.58	23.0	40.5	4.67	23.1
		315	31.0	3.26	21.6	34.3	3.84	21.7	36.9	4.27	21.9	39.6	4.48	22.0	40.5	4.57	22.1
	25	105	31.0	4.25	29.8	34.2	5.01	30.4	36.9	5.58	30.8	39.6	5.85	31.2	40.5	5.97	31.3
		210	31.0	4.17	27.4	34.3	4.90	27.7	36.9	5.47	27.9	39.6	5.74	28.1	40.5	5.84	28.2
		315	31.0	4.04	26.6	34.3	4.76	26.8	36.9	5.30	26.9	39.6	5.57	27.1	40.5	5.66	27.1
	30	105	31.0	5.08	34.9	34.3	5.98	35.5	36.9	6.67	35.9	39.6	6.99	36.4	40.5	7.13	36.5
		210	31.0	4.98	32.5	34.3	5.86	32.7	36.9	6.53	33.0	39.6	6.85	33.2	40.5	6.98	33.2
		315	31.0	4.86	31.6	34.3	5.72	31.8	36.9	6.37	32.0	39.6	6.68	32.1	40.5	6.81	32.2
	35	105	31.0	5.52	40.0	34.3	6.48	40.6	36.9	7.23	41.0	39.6	7.58	41.4	40.5	7.73	41.6
		210	31.0	5.47	37.5	34.2	6.44	37.8	36.9	7.17	38.0	39.6	7.52	38.2	40.5	7.67	38.3
		315	31.0	5.28	36.7	34.3	6.23	36.8	36.9	6.94	37.0	39.6	7.28	37.1	40.5	7.41	37.2
	40	105	27.6	6.11	44.6	30.4	7.19	45.1	32.8	8.02	45.6	35.1	8.42	45.9	36.0	8.56	46.1
		210	27.9	6.05	42.3	30.7	7.13	42.6	33.0	7.94	42.8	35.4	8.33	43.0	36.4	8.50	43.1
		315	28.3	5.86	41.6	31.2	6.90	41.7	33.5	7.68	41.9	36.0	8.06	42.0	36.8	8.21	42.0
	45	105	24.8	6.65	49.3	27.4	7.83	49.8	29.4	8.71	50.2	31.5	9.15	50.6	32.4	9.33	50.7
		210	25.0	6.59	47.2	27.6	7.75	47.4	29.7	8.66	47.6	31.8	9.08	47.8	32.6	9.24	47.9
		315	25.3	6.38	46.4	28.0	7.51	46.6	30.1	8.36	46.7	32.3	8.78	46.9	33.1	8.93	46.9
50	10	105	25.9	1.62	13.8	28.6	1.91	14.2	30.7	2.13	14.5	33.0	2.23	14.8	33.8	2.28	14.9
		210	25.9	1.59	11.9	28.6	1.88	12.1	30.7	2.09	12.2	33.0	2.20	12.4	33.8	2.24	12.5
		315	25.9	1.56	11.3	28.6	1.84	11.4	30.7	2.05	11.5	33.0	2.15	11.6	33.8	2.19	11.6
	15	105	25.9	2.16	18.8	28.6	2.55	19.2	30.7	2.84	19.6	33.0	2.98	19.9	33.8	3.03	20.0
		210	25.9	2.13	16.9	28.6	2.50	17.1	30.7	2.79	17.3	33.0	2.93	17.5	33.8	2.99	17.5
		315	25.9	2.09	16.3	28.6	2.46	16.4	30.7	2.74	16.5	33.0	2.87	16.6	33.8	2.93	16.7
	20	105	25.9	2.61	23.9	28.5	3.07	24.3	30.7	3.42	24.7	33.0	3.59	25.0	33.8	3.66	25.1
		210	25.9	2.57	21.9	28.6	3.02	22.2	30.7	3.37	22.3	33.0	3.53	22.5	33.8	3.60	22.6
		315	25.9	2.52	21.3	28.6	2.96	21.4	30.7	3.30	21.5	33.0	3.46	21.7	33.8	3.53	21.7
	25	105	25.9	3.27	29.0	28.6	3.85	29.4	30.7	4.29	29.8	33.0	4.50	30.1	33.8	4.58	30.2
		210	25.9	3.17	27.0	28.6	3.74	27.2	30.7	4.16	27.4	33.0	4.37	27.6	33.8	4.44	27.6
		315	25.9	3.14	26.3	28.6	3.70	26.5	30.7	4.12	26.6	33.0	4.33	26.7	33.8	4.40	26.7
	30	105	25.9	3.94	34.1	28.6	4.64	34.5	30.7	5.18	34.9	33.0	5.43	35.2	33.8	5.53	35.4
		210	25.9	3.83	32.0	28.5	4.52	32.3	30.7	5.03	32.4	33.0	5.28	32.6	33.8	5.37	32.7
		315	25.9	3.76	31.4	28.5	4.42	31.5	30.7	4.93	31.6	33.0	5.18	31.7	33.8	5.27	31.8
	35	105	25.9	4.28	39.1	28.6	5.04	39.6	30.7	5.62	40.0	33.0	5.88	40.3	33.8	6.00	40.4
		210	25.9	4.17	37.1	28.6	4.91	37.3	30.7	5.46	37.5	33.0	5.73	37.6	33.8	5.84	37.7
		315	25.9	4.05	36.4	28.5	4.76	36.5	30.7	5.31	36.6	33.0	5.57	36.8	33.8	5.68	36.8
	40	105	23.0	4.74	43.8	25.4	5.58	44.2	27.3	6.22	44.6	29.3	6.53	44.9	30.0	6.65	45.0
		210	23.2	4.61	41.9	25.6	5.43	42.1	27.5	6.06	42.3	29.5	6.34	42.4	30.3	6.47	42.5
		315	23.5	4.49	41.3	26.0	5.29	41.4	28.0	5.89	41.5	30.0	6.17	41.6	30.7	6.28	41.7
	45	105	20.6	5.16	48.5	22.8	6.09	48.9	24.5	6.76	49.3	26.3	7.10	49.6	27.0	7.23	49.7
		210	20.8	5.02	46.8	23.0	5.91	47.0	24.7	6.59	47.1	26.5	6.91	47.3	27.2	7.05	47.3
		315	21.2	4.88	46.2	23.3	5.75	46.3	25.1	6.40	46.4	26.9	6.72	46.5	27.6	6.84	46.6

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	105	79.0	16.43	1.5	77.1	15.82	1.6	73.7	15.37	2.0	69.4	14.32	2.5	66.5	13.14	2.7
		210	80.7	15.87	5.6	78.3	15.52	5.7	75.2	15.13	5.9	70.7	14.07	6.1	67.9	12.92	6.2
		315	85.1	15.97	6.9	83.3	15.59	6.9	80.4	15.02	7.0	75.7	14.00	7.2	72.7	13.07	7.3
	15	105	87.2	14.57	5.1	84.9	13.89	5.3	81.4	13.45	5.7	76.5	12.50	6.3	73.2	11.50	6.6
		210	89.3	13.58	9.8	87.2	13.50	10.0	84.0	13.23	10.2	79.0	12.22	10.4	75.5	11.18	10.6
		315	88.8	14.16	11.6	87.8	13.87	11.6	85.6	13.29	11.7	80.4	12.25	11.9	77.0	11.74	12.0
	20	105	89.5	13.81	9.7	87.6	13.23	9.8	84.5	12.67	10.2	79.4	11.60	10.7	75.8	11.02	11.2
		210	91.0	13.02	14.7	90.2	12.99	14.7	87.1	12.59	14.9	81.9	11.85	15.2	78.5	11.40	15.4
		315	90.9	13.18	16.5	89.8	12.93	16.5	88.6	12.76	16.5	82.9	11.95	16.8	79.3	11.53	16.9
	25	105	92.5	12.82	14.1	89.8	12.63	14.5	88.2	12.34	14.7	83.4	11.62	15.2	80.1	11.02	15.6
		210	91.3	12.48	19.6	89.9	12.65	19.7	88.2	12.23	19.8	83.3	11.57	20.1	80.1	10.96	20.3
		315	90.6	12.41	21.4	89.9	12.08	21.5	88.2	12.11	21.5	83.4	11.48	21.7	80.2	10.48	21.8
	30	105	90.7	11.50	19.2	89.9	11.59	19.3	88.2	11.74	19.6	83.4	10.81	20.1	80.3	10.38	20.5
		210	90.7	11.23	24.6	89.9	11.66	24.7	88.1	11.46	24.8	83.5	10.81	25.0	80.1	9.89	25.2
		315	90.8	11.13	26.4	89.9	11.01	26.4	88.2	11.22	26.5	83.4	10.33	26.7	80.0	10.13	26.8
	35	105	90.7	10.84	24.1	89.9	11.16	24.3	88.2	11.61	24.5	83.4	10.58	25.1	80.2	9.78	25.4
		210	90.7	10.87	29.5	89.9	11.35	29.6	88.2	11.40	29.8	83.4	10.60	30.0	80.1	9.73	30.2
		315	90.8	10.68	31.4	89.9	10.96	31.4	88.2	11.14	31.5	83.4	10.15	31.7	80.2	9.33	31.8
	40	105	90.7	10.09	29.0	89.9	10.47	29.2	88.3	11.22	29.5	83.4	10.32	30.0	80.2	9.55	30.4
		210	90.7	10.11	34.5	89.8	10.63	34.6	88.2	10.88	34.7	83.5	10.16	35.0	80.2	9.40	35.2
		315	90.8	10.01	36.3	89.8	10.20	36.4	88.3	10.99	36.5	83.5	10.00	36.7	80.1	9.22	36.8
	45	105	90.8	8.89	33.8	89.9	9.30	34.0	88.1	10.44	34.4	83.4	9.61	34.9	80.1	8.97	35.3
		210	90.8	8.96	39.4	89.9	9.48	39.5	88.2	9.91	39.7	83.5	9.24	39.9	80.1	8.66	40.1
		315	90.7	9.00	41.3	89.8	8.97	41.3	88.2	10.36	41.5	83.5	9.36	41.6	80.2	8.81	41.8
120	10	105	75.3	16.28	1.9	73.5	15.76	2.1	70.1	15.25	2.5	66.1	14.11	2.9	63.0	12.95	3.2
		210	76.4	16.08	5.9	74.5	15.66	6.0	71.0	15.12	6.2	67.0	13.94	6.4	64.0	12.70	6.5
		315	80.8	15.80	7.0	77.9	15.39	7.2	75.9	15.00	7.2	71.6	13.87	7.4	68.2	12.65	7.5
	15	105	82.9	14.30	5.6	80.6	13.76	5.9	77.4	13.26	6.2	72.9	12.33	6.7	69.4	11.30	7.1
		210	84.4	14.02	10.2	82.6	13.73	10.3	79.2	13.22	10.5	74.4	12.20	10.8	70.8	11.03	10.9
		315	84.0	13.79	11.8	81.8	13.43	11.9	80.1	13.27	12.0	75.3	12.25	12.1	71.7	11.12	12.2
	20	105	84.5	13.24	10.3	82.7	12.71	10.4	79.4	12.12	10.8	74.7	11.20	11.3	71.0	10.70	11.8
		210	85.5	12.84	15.0	84.5	12.73	15.1	81.1	12.27	15.3	76.4	11.44	15.6	72.8	10.75	15.8
		315	85.2	12.82	16.7	83.1	12.53	16.8	82.3	12.33	16.8	77.3	11.57	17.0	73.5	10.94	17.2
	25	105	87.0	12.12	14.8	84.0	11.70	15.1	81.8	11.43	15.4	77.3	10.69	15.9	74.1	10.11	16.3
		210	85.9	11.81	19.9	84.0	11.73	20.1	81.7	11.48	20.2	77.1	10.62	20.5	74.1	10.06	20.6
		315	85.7	11.31	21.6	83.9	11.21	21.7	81.8	11.30	21.8	77.2	10.79	22.0	74.2	9.60	22.1
	30	105	85.7	10.68	19.8	83.9	10.72	20.0	81.8	10.68	20.3	77.3	9.71	20.8	74.1	9.29	21.1
		210	85.7	10.41	24.9	83.8	10.61	25.0	81.8	10.50	25.1	77.2	9.69	25.4	74.2	8.83	25.5
		315	85.7	10.04	26.6	83.9	10.06	26.6	81.7	10.23	26.7	77.4	9.50	26.9	74.1	9.05	27.0
	35	105	85.7	10.00	24.7	83.8	10.11	24.9	81.7	10.38	25.3	77.3	9.45	25.7	74.1	8.68	26.1
		210	85.9	9.80	29.8	83.9	10.11	30.0	81.7	10.01	30.1	77.4	9.24	30.3	74.1	8.48	30.5
		315	85.8	9.45	31.5	83.8	9.82	31.6	81.7	10.05	31.7	77.3	9.10	31.9	74.1	8.33	32.0
	40	105	85.7	9.29	29.6	83.8	9.34	29.8	81.8	9.83	30.2	77.2	8.97	30.7	74.2	8.27	31.0
		210	85.8	8.91	34.8	83.9	9.27	34.9	81.7	9.45	35.1	77.2	8.79	35.3	74.2	8.08	35.5
		315	85.8	8.90	36.5	83.9	8.91	36.6	81.7	9.53	36.7	77.3	8.65	36.9	74.1	7.93	37.0
	45	105	85.7	8.19	34.4	84.0	8.15	34.6	81.7	8.88	35.1	77.3	8.12	35.6	74.2	7.54	35.9
		210	85.8	7.67	39.7	83.9	8.04	39.8	81.8	8.53	40.0	77.3	7.92	40.3	74.1	7.37	40.4
		315	85.8	8.02	41.5	83.8	7.69	41.5	81.7	8.66	41.7	77.4	7.79	41.8	74.2	7.25	42.0
110	10	105	72.1	16.46	2.4	69.9	15.84	2.6	66.3	15.30	3.0	62.8	14.09	3.4	59.4	12.94	3.7
		210	72.7	16.15	6.1	70.4	15.66	6.3	67.0	15.11	6.5	63.5	13.95	6.6	60.0	12.70	6.8
		315	76.9	15.94	7.2	74.6	15.40	7.3	71.5	14.89	7.4	67.4	13.73	7.6	63.8	12.66	7.7
	15	105	79.2	14.39	6.2	76.7	13.89	6.4	73.3	13.35	6.8	69.2	12.32	7.2	65.3	11.32	7.6
		210	80.0	13.89	10.5	77.8	13.71	10.6	74.2	13.23	10.8	69.9	12.20	11.1	66.2	11.03	11.2
		315	79.9	13.85	12.0	77.5	13.43	12.1	74.8	13.01	12.2	70.3	11.97	12.3	66.3	11.12	12.5
	20	105	80.1	12.84	10.8	77.7	12.50	11.1	74.4	11.96	11.5	69.9	11.04	12.0	66.2	10.35	12.4
		210	80.7	12.56	15.3	78.4	12.33	15.5	75.3	11.88	15.7	70.9	11.09	15.9	67.0	10.25	16.1
		315	80.7	12.70	16.9	78.3	12.28	17.0	75.8	11.94	17.1	71.3	10.89	17.3	67.6	10.37	17.4
	25	105	81.4	11.31	15.4	78.3	10.99	15.8	75.6	10.77	16.1	71.4	9.93	16.6	67.9	9.22	17.0
		210	80.9	11.11	20.2	78.3	10.91	20.4	75.7	10.68	20.6	71.4	9.86	20.8	67.8	9.14	21.0
		315	80.7	11.29	21.8	78.3	10.92	21.9	75.7	10.49	22.0	71.3	10.03	22.2	67.8	8.72	22.3
	30	105	80.8	9.52	20.3	78.3	9.66	20.6	75.7	9.51	21.0	71.4	8.80	21.5	67.8	8.04	21.8
		210	80.7	9.44	25.1	78.3	9.58	25.3	75.7	9.31	25.5	71.5	8.74	25.7	67.8	7.75	25.9
		315	80.7	9.46	26.8	78.3	9.15	26.9	75.8	9.06	27.0	71.4	8.34	27.1	67.8	7.95	27.3
	35	105	80.8	8.87	25.2	78.2	8.86	25.5	75.7	8.99	25.9	71.4	8.13	26.4	67.8	7.42	26.8
		210	80.8	8.84	30.1	78.3	9.03	30.3	75.7	8.79	30.4	71.3	8.09	30.7	67.8	7.36	30.9
		315	80.8	8.35	31.7	78.2	8.57	31.8	75.7	8.57	31.9	71.2	7.97	32.1	67.9	7.24	32.2
	40	105	80.9	8.03	30.1	78.3	8.25	30.4	75.6	8.43	30.8	71.2	7.63	31.3	67.9	6.96	31.7
		210	80.7	8.00	35.0	78.3	8.20	35.2	75.7	8.05	35.4	71.4	7.61	35.6	67.8	6.97	35.8
		315	80.8	7.97	36.7	78.4	7.77	36.8	75.7	8.13	36.9	71.3	7.18	37.1	67.7	6.55	37.2
	45	105	80.8	6.85	34.9	78.3	7.25	35.3	75.6	7.52	35.7	71.3	6.85	36.2	67.9	6.27	36.6
		210	80.8	6.82	39.9	78.4	7.05	40.1	75.6	6.98	40.3	71.4	6.78	40.6	67.8	6.27	40.8
		315	80.8	7.29	41.7	78.3	6.64	41.7	75.7	7.39	41.9	71.4	6.13	42.0	67.8	5.60	42.2

1-7. AM220FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	105	69.0	16.58	2.8	66.0	16.08	3.2	62.7	15.40	3.5	59.3	14.20	3.8	55.8	12.83	4.1
		210	69.3	16.42	6.4	66.3	15.93	6.6	63.0	15.22	6.7	59.6	14.05	6.9	56.0	12.68	7.0
		315	73.3	16.13	7.4	70.1	15.65	7.5	66.8	14.98	7.6	63.2	13.82	7.8	59.4	12.48	7.9
	15	105	75.9	14.48	6.6	72.6	14.05	7.0	69.3	13.44	7.4	65.4	12.41	7.8	61.4	11.21	8.1
		210	75.9	14.35	10.8	72.6	13.92	11.0	69.3	13.32	11.2	65.4	12.28	11.4	61.4	11.10	11.6
		315	75.9	14.08	12.2	72.6	13.66	12.3	69.3	13.09	12.4	65.4	12.06	12.6	61.4	10.90	12.7
	20	105	75.9	12.76	11.4	72.6	12.39	11.8	69.3	11.83	12.2	65.4	10.91	12.6	61.4	9.87	13.0
		210	75.9	12.62	15.7	72.6	12.25	15.9	69.3	11.76	16.1	65.4	10.81	16.3	61.4	9.78	16.5
		315	75.9	12.41	17.1	72.6	12.05	17.2	69.3	11.51	17.4	65.4	10.62	17.5	61.4	9.60	17.6
	25	105	75.9	10.80	16.1	72.6	10.50	16.5	69.3	10.05	16.9	65.4	9.25	17.3	61.4	8.37	17.8
		210	75.9	10.71	20.6	72.6	10.38	20.8	69.3	9.94	20.9	65.4	9.16	21.2	61.4	8.28	21.4
		315	75.9	10.52	22.0	72.6	10.20	22.2	69.3	9.76	22.3	65.4	9.01	22.4	61.4	8.14	22.6
	30	105	75.9	9.05	20.9	72.6	8.78	21.3	69.3	8.40	21.7	65.4	7.75	22.1	61.4	7.00	22.6
		210	75.9	8.94	25.4	72.6	8.69	25.6	69.3	8.32	25.8	65.4	7.68	26.1	61.4	6.93	26.3
		315	75.9	8.79	26.9	72.6	8.55	27.1	69.3	8.18	27.2	65.4	7.54	27.4	61.4	6.82	27.5
	35	105	75.9	8.22	25.8	72.6	7.97	26.2	69.3	7.63	26.6	65.4	7.04	27.0	61.4	6.36	27.5
		210	75.9	8.14	30.4	72.6	7.90	30.6	69.3	7.55	30.8	65.4	6.96	31.0	61.4	6.30	31.2
		315	75.9	7.99	31.9	72.6	7.75	32.0	69.3	7.43	32.2	65.4	6.86	32.3	61.4	6.19	32.5
	40	105	75.9	7.40	30.6	72.6	7.18	31.1	69.3	6.87	31.5	65.4	6.33	31.9	61.4	5.72	32.4
		210	75.9	7.32	35.3	72.6	7.11	35.5	69.3	6.80	35.7	65.4	6.27	36.0	61.4	5.67	36.2
		315	75.9	7.19	36.9	72.6	6.99	37.0	69.3	6.68	37.2	65.4	6.16	37.3	61.4	5.57	37.5
	45	105	75.9	6.28	35.5	72.6	6.09	35.9	69.3	5.82	36.3	65.4	5.38	36.8	61.4	4.86	37.3
		210	75.9	6.21	40.2	72.6	6.04	40.5	69.3	5.77	40.7	65.4	5.32	40.9	61.4	4.81	41.1
		315	75.9	6.11	41.8	72.6	5.93	42.0	69.3	5.68	42.1	65.4	5.24	42.3	61.4	4.73	42.4
90	10	105	62.1	15.69	3.7	59.3	15.22	4.0	56.5	14.56	4.3	53.4	13.44	4.5	50.2	12.14	4.8
		210	62.4	15.49	6.8	59.6	15.02	7.0	56.7	14.38	7.1	53.7	13.26	7.2	50.5	11.99	7.4
		315	66.0	15.32	7.7	63.1	14.88	7.8	60.1	14.22	7.9	56.9	13.12	8.0	53.5	11.84	8.1
	15	105	68.3	13.71	7.5	65.3	13.32	7.9	62.2	12.73	8.2	58.8	11.75	8.6	55.3	10.61	8.9
		210	68.3	13.54	11.3	65.3	13.12	11.4	62.2	12.56	11.6	58.8	11.58	11.8	55.3	10.47	11.9
		315	68.3	13.38	12.5	65.3	12.99	12.6	62.2	12.44	12.7	58.8	11.47	12.8	55.3	10.36	13.0
	20	105	68.3	12.06	12.3	65.3	11.71	12.7	62.2	11.21	13.0	58.8	10.34	13.4	55.3	9.34	13.7
		210	68.3	11.90	16.2	65.3	11.56	16.3	62.2	11.06	16.5	58.8	10.21	16.7	55.3	9.23	16.9
		315	68.3	11.78	17.4	65.3	11.44	17.5	62.2	10.95	17.7	58.8	10.08	17.8	55.3	9.12	17.9
	25	105	68.3	10.26	17.1	65.3	9.97	17.4	62.2	9.53	17.8	58.8	8.79	18.2	55.3	7.95	18.5
		210	68.3	10.14	21.0	65.3	9.87	21.2	62.2	9.43	21.4	58.8	8.70	21.6	55.3	7.85	21.8
		315	68.3	9.94	22.3	65.3	9.66	22.5	62.2	9.24	22.6	58.8	8.52	22.7	55.3	7.70	22.8
	30	105	68.3	8.57	21.8	65.3	8.31	22.2	62.2	7.96	22.6	58.8	7.34	23.0	55.3	6.63	23.4
		210	68.3	8.47	25.9	65.3	8.23	26.1	62.2	7.86	26.3	58.8	7.26	26.5	55.3	6.56	26.7
		315	68.3	8.37	27.3	65.3	8.14	27.4	62.2	7.78	27.5	58.8	7.17	27.7	55.3	6.48	27.8
	35	105	68.3	7.78	26.7	65.3	7.55	27.1	62.2	7.22	27.5	58.8	6.66	27.9	55.3	6.02	28.3
		210	68.3	7.70	30.9	65.3	7.47	31.1	62.2	7.15	31.2	58.8	6.59	31.4	55.3	5.94	31.6
		315	68.3	7.61	32.2	65.3	7.38	32.4	62.2	7.06	32.5	58.8	6.51	32.6	55.3	5.89	32.7
	40	105	68.3	7.00	31.6	65.3	6.80	32.0	62.2	6.50	32.4	58.8	5.99	32.8	55.3	5.42	33.2
		210	68.3	6.91	35.8	65.3	6.72	36.0	62.2	6.42	36.2	58.8	5.93	36.4	55.3	5.36	36.6
		315	68.3	6.83	37.2	65.3	6.63	37.3	62.2	6.34	37.5	58.8	5.86	37.6	55.3	5.30	37.7
	45	105	68.3	5.94	36.5	65.3	5.77	36.9	62.2	5.52	37.3	58.8	5.09	37.7	55.3	4.60	38.1
		210	68.3	5.87	40.7	65.3	5.70	40.9	62.2	5.46	41.1	58.8	5.03	41.3	55.3	4.55	41.5
		315	68.3	5.81	42.2	65.3	5.63	42.3	62.2	5.39	42.4	58.8	4.98	42.6	55.3	4.50	42.7
80	10	105	55.1	13.95	4.4	52.7	13.53	4.7	50.2	12.95	4.9	47.5	11.95	5.1	44.6	10.78	5.4
		210	55.4	13.79	7.2	53.0	13.38	7.3	50.4	12.81	7.4	47.7	11.82	7.5	44.9	10.68	7.7
		315	58.6	13.67	8.0	56.1	13.27	8.0	53.4	12.71	8.1	50.5	11.73	8.2	47.5	10.58	8.3
	15	105	60.7	12.17	8.4	58.1	11.82	8.7	55.3	11.31	9.0	52.2	10.44	9.3	49.1	9.43	9.6
		210	60.7	12.05	11.7	58.1	11.72	11.8	55.3	11.20	12.0	52.2	10.33	12.1	49.1	9.34	12.3
		315	60.7	11.97	12.8	58.1	11.61	12.9	55.3	11.10	13.0	52.2	10.25	13.1	49.1	9.26	13.2
	20	105	60.7	10.72	13.2	58.1	10.39	13.5	55.3	9.95	13.8	52.3	9.18	14.1	49.1	8.30	14.4
		210	60.7	10.61	16.6	58.1	10.31	16.7	55.3	9.85	16.9	52.2	9.09	17.1	49.1	8.21	17.2
		315	60.7	10.52	17.7	58.1	10.22	17.8	55.3	9.78	17.9	52.2	9.02	18.0	49.1	8.14	18.1
	25	105	60.7	9.19	18.0	58.1	8.92	18.3	55.3	8.53	18.6	52.2	7.87	19.0	49.1	7.11	19.3
		210	60.6	9.05	21.5	58.1	8.79	21.6	55.3	8.41	21.8	52.2	7.76	22.0	49.1	7.01	22.1
		315	60.7	8.89	22.6	58.1	8.63	22.7	55.3	8.26	22.9	52.2	7.62	23.0	49.1	6.89	23.1
	30	105	60.6	7.61	22.8	58.1	7.40	23.1	55.3	7.07	23.4	52.2	6.53	23.8	49.1	5.89	24.1
		210	60.7	7.58	26.4	58.1	7.36	26.5	55.3	7.04	26.7	52.2	6.50	26.9	49.1	5.86	27.0
		315	60.7	7.45	27.6	58.1	7.24	27.7	55.3	6.92	27.8	52.2	6.38	27.9	49.1	5.77	28.0
	35	105	60.7	6.94	27.7	58.1	6.74	28.0	55.3	6.45	28.3	52.2	5.95	28.7	49.1	5.38	29.0
		210	60.7	6.91	31.3	58.1	6.71	31.5	55.3	6.42	31.7	52.2	5.92	31.8	49.1	5.34	32.0
		315	60.7	6.74	32.5	58.1	6.54	32.7	55.3	6.27	32.8	52.2	5.78	32.9	49.1	5.23	33.0
	40	105	60.7	6.26	32.6	58.1	6.07	32.9	55.3	5.81	33.2	52.2	5.35	33.6	49.1	4.84	34.0
		210	60.7	6.21	36.3	58.1	6.04	36.4	55.3	5.77	36.6	52.2	5.32	36.8	49.1	4.81	37.0
		315	60.7	6.07	37.5	58.1	5.90	37.6	55.3	5.65	37.7	52.2	5.21	37.9	49.1	4.70	38.0
	45	105	60.7	5.31	37.4	58.1	5.15	37.8	55.3	4.93	38.1	52.2	4.55	38.5	49.1	4.10	38.9
		210	60.7	5.28	41.2	58.1	5.13	41.4	55.3	4.91	41.6	52.2	4.52	41.7	49.1	4.08	41.9
		315	60.6	5.16	42.5	58.1	5.00	42.6	55.3	4.79	42.7	52.2	4.41	42.8	49.1	3.99	42.9

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	105	48.2	11.56	5.0	46.1	11.21	5.2	43.9	10.73	5.5	41.6	9.89	5.7	39.1	8.93	5.9
		210	48.5	11.49	7.5	46.3	11.16	7.6	44.2	10.66	7.7	41.8	9.85	7.8	39.2	8.89	7.9
		315	51.4	11.22	8.2	49.1	10.91	8.3	46.7	10.44	8.3	44.2	9.63	8.4	41.5	8.70	8.5
	15	105	53.1	10.09	9.1	50.8	9.79	9.4	48.4	9.38	9.7	45.8	8.65	9.9	43.1	7.81	10.2
		210	53.1	10.04	12.1	50.8	9.76	12.2	48.4	9.33	12.3	45.8	8.61	12.5	43.1	7.77	12.6
		315	53.1	9.83	13.0	50.8	9.54	13.1	48.4	9.13	13.2	45.8	8.41	13.3	43.1	7.60	13.4
	20	105	53.1	8.88	14.0	50.8	8.63	14.2	48.4	8.25	14.5	45.8	7.62	14.8	43.1	6.87	15.1
		210	53.1	8.84	17.0	50.8	8.59	17.1	48.4	8.21	17.3	45.8	7.58	17.4	43.1	6.84	17.5
		315	53.1	8.65	18.0	50.8	8.39	18.1	48.4	8.02	18.2	45.8	7.41	18.3	43.1	6.69	18.3
	25	105	53.1	7.57	18.8	50.8	7.34	19.1	48.4	7.02	19.4	45.8	6.49	19.6	43.1	5.86	19.9
		210	53.1	7.50	21.9	50.8	7.28	22.0	48.3	6.96	22.2	45.8	6.43	22.3	43.1	5.80	22.5
		315	53.1	7.37	22.9	50.8	7.15	23.0	48.4	6.84	23.1	45.8	6.30	23.2	43.1	5.70	23.3
	30	105	53.1	6.33	23.6	50.8	6.14	23.9	48.4	5.88	24.2	45.8	5.42	24.5	43.1	4.90	24.8
		210	53.1	6.27	26.8	50.8	6.09	26.9	48.4	5.83	27.1	45.8	5.37	27.2	43.1	4.85	27.4
		315	53.1	6.18	27.9	50.8	5.99	28.0	48.4	5.73	28.1	45.8	5.29	28.2	43.1	4.79	28.3
	35	105	53.1	5.80	28.5	50.8	5.62	28.8	48.4	5.38	29.1	45.8	4.96	29.4	43.1	4.48	29.7
		210	53.1	5.68	31.8	50.8	5.51	31.9	48.3	5.28	32.1	45.8	4.87	32.2	43.1	4.40	32.4
		315	53.1	5.62	32.8	50.8	5.45	32.9	48.4	5.21	33.0	45.8	4.81	33.1	43.1	4.35	33.2
	40	105	53.1	5.21	33.5	50.8	5.05	33.8	48.4	4.84	34.1	45.8	4.46	34.4	43.1	4.03	34.7
		210	53.1	5.11	36.7	50.8	4.96	36.9	48.4	4.75	37.0	45.8	4.38	37.2	43.1	3.96	37.3
		315	53.1	5.05	37.8	50.8	4.90	37.9	48.4	4.69	38.0	45.8	4.33	38.1	43.1	3.91	38.2
	45	105	53.1	4.42	38.4	50.8	4.30	38.6	48.4	4.11	39.0	45.8	3.79	39.3	43.1	3.43	39.6
		210	53.1	4.34	41.7	50.8	4.22	41.8	48.4	4.03	42.0	45.8	3.72	42.1	43.1	3.36	42.3
		315	53.1	4.29	42.8	50.8	4.16	42.9	48.4	3.98	43.0	45.8	3.67	43.1	43.1	3.32	43.2
60	10	105	41.4	9.53	5.7	39.6	9.26	5.9	37.7	8.86	6.1	35.6	8.18	6.3	33.5	7.39	6.4
		210	41.6	9.36	7.8	39.7	9.07	7.9	37.8	8.69	8.0	35.8	8.02	8.1	33.6	7.24	8.2
		315	44.0	9.28	8.4	42.1	9.01	8.5	40.1	8.62	8.6	37.9	7.96	8.6	35.6	7.18	8.7
	15	105	45.5	8.34	9.9	43.6	8.10	10.2	41.5	7.73	10.4	39.2	7.14	10.6	36.8	6.45	10.9
		210	45.5	8.16	12.5	43.6	7.93	12.6	41.5	7.59	12.7	39.2	7.00	12.8	36.8	6.32	12.9
		315	45.5	8.11	13.3	43.6	7.88	13.4	41.5	7.54	13.5	39.2	6.96	13.5	36.8	6.27	13.6
	20	105	45.5	7.34	14.8	43.6	7.12	15.0	41.5	6.81	15.3	39.2	6.28	15.5	36.8	5.68	15.8
		210	45.5	7.19	17.4	43.6	6.98	17.5	41.5	6.68	17.6	39.2	6.17	17.7	36.8	5.56	17.9
		315	45.5	7.14	18.3	43.6	6.93	18.3	41.5	6.64	18.4	39.2	6.11	18.5	36.8	5.53	18.6
	25	105	45.5	6.21	19.6	43.6	6.04	19.9	41.5	5.77	20.1	39.2	5.32	20.4	36.8	4.81	20.6
		210	45.5	6.12	22.3	43.6	5.95	22.4	41.5	5.69	22.6	39.2	5.25	22.7	36.8	4.74	22.8
		315	45.5	6.02	23.2	43.6	5.85	23.3	41.5	5.59	23.4	39.2	5.16	23.5	36.8	4.66	23.5
	30	105	45.5	5.17	24.5	43.6	5.02	24.7	41.5	4.80	25.0	39.2	4.42	25.3	36.8	4.00	25.5
		210	45.5	5.10	27.2	43.6	4.95	27.4	41.5	4.74	27.5	39.2	4.37	27.6	36.8	3.95	27.8
		315	45.5	5.04	28.2	43.6	4.89	28.2	41.5	4.68	28.3	39.2	4.32	28.4	36.8	3.90	28.5
	35	105	45.5	4.69	29.4	43.6	4.55	29.7	41.5	4.35	29.9	39.2	4.02	30.2	36.8	3.63	30.5
		210	45.5	4.68	32.2	43.6	4.54	32.3	41.5	4.35	32.5	39.2	4.01	32.6	36.8	3.62	32.7
		315	45.5	4.60	33.1	43.6	4.46	33.2	41.5	4.27	33.3	39.2	3.94	33.4	36.8	3.56	33.5
	40	105	45.5	4.21	34.4	43.6	4.10	34.6	41.5	3.92	34.9	39.2	3.61	35.1	36.8	3.27	35.4
		210	45.5	4.21	37.2	43.6	4.09	37.3	41.5	3.91	37.4	39.2	3.61	37.6	36.8	3.26	37.7
		315	45.5	4.14	38.1	43.6	4.01	38.2	41.5	3.84	38.3	39.2	3.54	38.4	36.8	3.20	38.5
	45	105	45.5	3.58	39.3	43.6	3.47	39.5	41.5	3.32	39.8	39.2	3.07	40.1	36.8	2.77	40.4
		210	45.5	3.57	42.1	43.6	3.47	42.3	41.5	3.32	42.4	39.2	3.06	42.5	36.8	2.77	42.7
		315	45.5	3.51	43.1	43.6	3.41	43.2	41.5	3.26	43.3	39.2	3.01	43.4	36.8	2.71	43.5
50	10	105	34.5	7.28	6.3	33.0	7.07	6.5	31.4	6.76	6.6	29.7	6.23	6.8	27.9	5.63	7.0
		210	34.6	7.21	8.1	33.2	6.99	8.2	31.6	6.69	8.3	29.8	6.18	8.4	28.0	5.58	8.5
		315	36.7	7.17	8.7	35.1	6.96	8.7	33.3	6.66	8.8	31.6	6.14	8.8	29.7	5.55	8.9
	15	105	38.0	6.36	10.7	36.3	6.18	10.9	34.6	5.90	11.1	32.7	5.45	11.3	30.8	4.92	11.5
		210	38.0	6.30	12.8	36.3	6.10	12.9	34.6	5.85	13.0	32.7	5.40	13.1	30.8	4.87	13.2
		315	38.0	6.27	13.6	36.3	6.09	13.6	34.6	5.82	13.7	32.7	5.37	13.8	30.8	4.85	13.8
	20	105	38.0	5.60	15.6	36.3	5.43	15.8	34.6	5.20	16.0	32.7	4.80	16.2	30.8	4.34	16.4
		210	38.0	5.54	17.8	36.3	5.38	17.9	34.6	5.15	18.0	32.7	4.75	18.1	30.8	4.29	18.2
		315	38.0	5.51	18.5	36.3	5.36	18.6	34.6	5.12	18.7	32.7	4.72	18.7	30.8	4.27	18.8
	25	105	38.0	4.78	20.5	36.3	4.64	20.7	34.6	4.43	20.9	32.7	4.09	21.1	30.8	3.69	21.3
		210	38.0	4.67	22.7	36.3	4.53	22.8	34.6	4.33	22.9	32.7	4.00	23.0	30.8	3.61	23.1
		315	38.0	4.69	23.5	36.3	4.55	23.6	34.6	4.35	23.6	32.7	4.01	23.7	30.8	3.62	23.8
	30	105	38.0	4.01	25.4	36.3	3.90	25.6	34.6	3.73	25.8	32.7	3.44	26.0	30.8	3.11	26.2
		210	38.0	3.93	27.7	36.3	3.81	27.8	34.6	3.65	27.9	32.7	3.37	28.0	30.8	3.04	28.1
		315	38.0	3.90	28.4	36.3	3.79	28.5	34.6	3.63	28.6	32.7	3.34	28.7	30.8	3.03	28.7
	35	105	38.0	3.64	30.3	36.3	3.53	30.5	34.6	3.38	30.7	32.7	3.12	31.0	30.8	2.82	31.2
		210	38.0	3.57	32.7	36.3	3.46	32.8	34.6	3.32	32.9	32.7	3.06	33.0	30.8	2.76	33.1
		315	38.0	3.51	33.4	36.3	3.41	33.5	34.6	3.26	33.6	32.7	3.01	33.6	30.8	2.72	33.7
	40	105	38.0	3.27	35.3	36.3	3.18	35.5	34.6	3.04	35.7	32.7	2.81	35.9	30.8	2.54	36.1
		210	38.0	3.21	37.6	36.3	3.11	37.7	34.6	2.98	37.8	32.7	2.75	38.0	30.8	2.48	38.1
		315	38.0	3.16	38.4	36.3	3.07	38.5	34.6	2.94	38.6	32.7	2.71	38.6	30.8	2.45	38.7
	45	105	38.0	2.78	40.2	36.3	2.70	40.4	34.6	2.58	40.6	32.7	2.38	40.9	30.8	2.15	41.1
		210	38.0	2.73	42.6	36.3	2.64	42.7	34.6	2.53	42.8	32.7	2.33	42.9	30.8	2.11	43.0
		315	38.0	2.69	43.4	36.3	2.61	43.5	34.6	2.49	43.5	32.7	2.30	43.6	30.8	2.08	43.7

1-8. AM240FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	114	67.5	4.91	19.1	73.9	5.83	20.0	79.6	6.38	20.8	85.5	6.80	21.6	87.5	6.85	21.9
		228	67.5	4.80	14.5	73.9	5.65	15.0	79.5	6.30	15.4	85.4	6.64	15.8	87.7	6.77	15.9
		342	67.3	4.73	13.0	73.9	5.57	13.3	79.6	6.11	13.6	85.3	6.44	13.8	87.7	6.61	14.0
	15	114	66.1	6.32	24.1	72.7	7.49	25.1	78.4	8.32	25.9	83.9	8.70	26.6	86.2	8.90	27.0
		228	66.2	6.23	19.6	72.7	7.32	20.0	78.4	8.18	20.4	83.9	8.60	20.8	86.2	8.78	21.0
		342	66.2	6.05	18.0	72.9	7.17	18.4	78.4	7.92	18.6	84.1	8.31	18.9	86.1	8.55	19.0
	20	114	65.2	7.54	29.1	71.9	8.83	30.1	77.5	9.85	31.0	82.7	10.34	31.7	85.1	10.53	32.0
		228	65.3	7.39	24.6	71.8	8.67	25.1	77.4	9.70	25.5	82.7	10.18	25.8	85.0	10.40	26.0
		342	65.3	7.14	23.0	71.7	8.42	23.4	77.4	9.40	23.6	82.8	9.81	23.9	85.1	10.11	24.0
	25	114	65.1	9.45	34.4	71.7	11.14	35.4	77.5	12.42	36.3	82.6	13.01	37.0	84.9	13.28	37.3
		228	65.2	9.35	29.7	71.8	10.94	30.2	77.6	12.19	30.6	82.7	12.86	31.0	84.9	13.08	31.2
		342	65.2	9.00	28.1	71.8	10.66	28.5	77.4	11.85	28.7	82.7	12.44	29.0	85.1	12.79	29.1
	30	114	65.3	11.11	39.6	71.8	13.01	40.7	77.5	14.57	41.6	82.8	15.25	42.3	85.1	15.56	42.7
		228	65.3	10.91	34.8	71.9	12.84	35.3	77.6	14.34	35.8	82.6	15.06	36.1	85.1	15.33	36.3
		342	65.2	10.56	33.2	71.8	12.42	33.5	77.4	13.87	33.8	82.8	14.52	34.1	85.1	14.93	34.2
	35	114	61.7	11.54	44.2	68.0	13.61	45.3	73.3	15.21	46.1	78.5	15.91	46.9	80.4	16.17	47.1
		228	61.8	11.31	39.6	68.1	13.37	40.1	73.3	14.90	40.5	78.6	15.68	40.9	80.2	16.01	41.0
		342	61.6	11.04	38.0	68.1	12.96	38.4	73.3	14.38	38.7	78.6	15.17	38.9	80.4	15.59	39.0
	40	114	51.4	12.05	48.0	56.6	14.17	48.9	61.1	15.75	49.7	65.4	16.56	50.3	67.3	16.91	50.6
		228	52.0	11.82	44.0	57.1	13.94	44.5	61.6	15.49	44.8	65.8	16.27	45.2	67.7	16.66	45.3
		342	52.7	11.47	42.7	57.9	13.48	43.0	62.5	15.06	43.3	66.8	15.78	43.5	68.7	16.23	43.6
	45	114	42.9	12.43	52.0	47.2	14.63	52.8	50.7	16.29	53.4	54.3	17.11	54.0	55.8	17.40	54.2
		228	43.2	12.21	48.5	47.5	14.40	48.9	51.0	16.04	49.2	54.7	16.84	49.5	56.2	17.21	49.6
		342	43.8	11.82	47.3	48.3	13.90	47.6	51.8	15.55	47.8	55.6	16.31	48.0	57.0	16.83	48.1
120	10	114	63.8	4.66	18.6	70.2	5.52	19.5	75.7	6.05	20.3	80.7	6.42	21.0	82.9	6.48	21.2
		228	63.8	4.59	14.3	70.0	5.42	14.7	75.6	5.96	15.1	80.8	6.27	15.5	82.8	6.41	15.6
		342	63.7	4.39	12.9	70.1	5.28	13.2	75.6	5.77	13.4	80.7	6.10	13.6	83.0	6.32	13.7
	15	114	63.0	6.07	23.7	69.1	7.14	24.6	74.7	7.96	25.4	79.9	8.34	26.1	82.0	8.47	26.4
		228	63.0	5.96	19.3	69.2	7.02	19.8	74.6	7.82	20.2	79.8	8.21	20.5	82.0	8.36	20.7
		342	63.1	5.76	17.9	69.2	6.84	18.2	74.7	7.56	18.4	79.8	7.96	18.7	82.0	8.18	18.8
	20	114	62.4	7.25	28.8	68.4	8.49	29.7	73.8	9.46	30.5	79.2	9.95	31.2	81.2	10.11	31.5
		228	62.3	7.08	24.4	68.5	8.31	24.8	73.9	9.32	25.2	79.2	9.80	25.6	81.2	9.96	25.7
		342	62.4	6.89	22.9	68.5	8.11	23.2	73.8	9.04	23.5	79.2	9.45	23.7	81.1	9.73	23.8
	25	114	62.4	9.07	34.0	68.4	10.68	34.9	73.9	11.87	35.8	79.1	12.49	36.5	81.3	12.72	36.8
		228	62.4	8.93	29.5	68.4	10.50	30.0	74.0	11.70	30.4	79.1	12.28	30.7	81.2	12.52	30.9
		342	62.4	8.61	28.0	68.5	10.20	28.3	73.9	11.36	28.6	79.2	11.92	28.8	81.3	12.20	28.9
	30	114	62.4	10.72	39.2	68.4	12.61	40.2	73.9	14.04	41.1	79.1	14.76	41.8	81.1	15.04	42.1
		228	62.4	10.53	34.6	68.5	12.40	35.1	74.0	13.86	35.5	79.2	14.52	35.9	81.2	14.80	36.0
		342	62.4	10.16	33.0	68.5	11.98	33.4	73.9	13.40	33.7	79.1	14.06	33.9	81.1	14.38	34.0
	35	114	59.9	11.30	44.0	65.9	13.37	45.0	71.3	14.89	45.8	76.1	15.55	46.5	78.1	15.85	46.8
		228	59.9	11.09	39.5	66.0	13.08	40.0	71.1	14.60	40.4	76.0	15.35	40.7	78.1	15.65	40.9
		342	59.9	10.78	38.0	65.9	12.69	38.3	71.2	14.10	38.6	76.1	14.86	38.8	78.1	15.24	38.9
	40	114	51.0	12.00	47.9	56.0	14.14	48.8	60.6	15.75	49.6	64.8	16.49	50.2	66.4	16.84	50.5
		228	51.5	11.80	44.0	56.8	13.92	44.4	61.0	15.47	44.8	65.0	16.25	45.1	66.9	16.59	45.3
		342	52.1	11.44	42.7	57.5	13.49	43.0	62.1	15.02	43.2	66.1	15.81	43.4	68.1	16.19	43.5
	45	114	43.4	12.62	52.0	48.1	14.85	52.9	51.9	16.56	53.6	55.3	17.38	54.1	56.6	17.72	54.3
		228	43.7	12.44	48.5	48.3	14.63	49.0	52.1	16.29	49.3	55.7	17.11	49.6	57.1	17.46	49.7
		342	44.3	11.99	47.4	49.2	14.17	47.7	53.0	15.79	47.9	56.5	16.59	48.1	57.8	16.95	48.1
110	10	114	60.2	4.35	18.1	66.0	5.22	19.0	71.2	5.71	19.7	76.3	6.07	20.4	78.1	6.11	20.6
		228	60.3	4.29	14.1	66.0	5.07	14.5	71.4	5.61	14.8	76.3	5.96	15.2	78.0	6.00	15.3
		342	60.3	4.17	12.7	66.0	4.93	13.0	71.2	5.51	13.2	76.2	5.76	13.4	78.0	5.92	13.5
	15	114	59.7	5.77	23.2	65.5	6.82	24.1	70.9	7.60	24.9	75.8	7.94	25.5	77.8	8.11	25.8
		228	59.7	5.68	19.1	65.6	6.67	19.5	70.9	7.48	19.9	75.8	7.85	20.3	77.7	7.97	20.4
		342	59.8	5.51	17.7	65.6	6.50	18.0	70.9	7.27	18.3	75.8	7.59	18.5	77.8	7.78	18.6
	20	114	59.5	6.95	28.4	65.4	8.15	29.2	70.7	9.09	30.0	75.4	9.53	30.7	77.4	9.71	31.0
		228	59.5	6.81	24.2	65.3	8.00	24.6	70.6	8.94	25.0	75.3	9.39	25.3	77.3	9.57	25.5
		342	59.6	6.61	22.8	65.3	7.77	23.1	70.4	8.69	23.3	75.3	9.11	23.5	77.3	9.29	23.6
	25	114	59.6	8.70	33.6	65.2	10.20	34.5	70.6	11.38	35.3	75.3	11.94	36.0	77.4	12.15	36.3
		228	59.5	8.55	29.3	65.3	10.05	29.7	70.5	11.19	30.1	75.3	11.76	30.5	77.3	11.94	30.6
		342	59.4	8.24	27.8	65.2	9.74	28.1	70.5	10.87	28.4	75.3	11.39	28.6	77.3	11.63	28.7
	30	114	59.5	10.34	38.8	65.2	12.12	39.7	70.6	13.56	40.6	75.3	14.19	41.3	77.3	14.47	41.5
		228	59.6	10.17	34.4	65.2	11.96	34.9	70.4	13.37	35.3	75.3	13.98	35.6	77.4	14.24	35.8
		342	59.5	9.80	32.9	65.2	11.59	33.2	70.6	12.90	33.5	75.3	13.54	33.7	77.4	13.82	33.8
	35	114	58.1	11.04	43.7	64.3	13.03	44.7	69.0	14.53	45.5	74.1	15.22	46.2	75.7	15.51	46.5
		228	58.2	10.86	39.3	64.2	12.81	39.8	68.9	14.26	40.2	73.9	15.00	40.6	75.9	15.29	40.7
		342	58.1	10.53	37.9	64.2	12.40	38.2	68.9	13.77	38.5	74.0	14.54	38.7	75.7	14.85	38.8
	40	114	50.5	12.02	47.9	55.6	14.15	48.8	59.9	15.70	49.5	64.2	16.50	50.2	66.1	16.85	50.4
		228	50.9	11.78	43.9	56.1	13.92	44.4	60.3	15.46	44.8	64.5	16.20	45.1	66.4	16.55	45.2
		342	51.6	11.41	42.6	57.0	13.48	43.0	61.2	14.99	43.2	65.6	15.76	43.4	67.6	16.07	43.5
	45	114	44.3	12.87	52.2	48.7	15.09	53.0	52.5	16.82	53.7	56.4	17.67	54.3	57.8	17.99	54.5
		228	44.6	12.61	48.6	49.1	14.85	49.0	52.7	16.56	49.4	56.8	17.40	49.7	58.3	17.70	49.8
		342	45.2	12.14	47.4	49.9	14.40	47.7	53.7	16.06	47.9	57.7	16.85	48.1	59.1	17.20	48.2

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	114	56.6	4.15	17.6	62.4	4.88	18.5	67.2	5.43	19.1	72.0	5.71	19.8	73.8	5.80	20.0
		228	56.6	4.08	13.8	62.4	4.80	14.2	67.2	5.35	14.6	72.0	5.61	14.9	73.8	5.72	15.0
		342	56.6	3.95	12.5	62.4	4.65	12.8	67.2	5.19	13.0	72.0	5.44	13.2	73.8	5.53	13.3
	15	114	56.6	5.54	22.8	62.4	6.51	23.7	67.2	7.25	24.4	72.0	7.61	25.0	73.8	7.75	25.3
		228	56.6	5.44	18.9	62.4	6.41	19.3	67.2	7.13	19.7	72.0	7.49	20.0	73.8	7.61	20.1
		342	56.6	5.27	17.6	62.4	6.21	17.9	67.2	6.92	18.1	72.0	7.26	18.3	73.8	7.38	18.4
	20	114	56.6	6.67	28.0	62.4	7.86	28.8	67.2	8.74	29.5	72.0	9.19	30.2	73.8	9.34	30.5
		228	56.6	6.55	24.0	62.4	7.71	24.4	67.2	8.59	24.8	72.0	9.02	25.1	73.8	9.19	25.2
		342	56.6	6.35	22.6	62.4	7.47	22.9	67.2	8.33	23.2	72.0	8.75	23.4	73.8	8.91	23.5
	25	114	56.6	8.30	33.2	62.4	9.77	34.1	67.2	10.91	34.8	72.0	11.43	35.5	73.8	11.66	35.7
		228	56.6	8.18	29.1	62.4	9.61	29.5	67.2	10.70	29.9	72.0	11.25	30.2	73.8	11.45	30.4
		342	56.6	7.92	27.7	62.4	9.33	28.0	67.2	10.39	28.3	72.0	10.90	28.5	73.8	11.10	28.6
	30	114	56.6	9.99	38.4	62.4	11.74	39.3	67.2	13.09	40.1	72.0	13.73	40.8	73.8	14.01	41.0
		228	56.6	9.81	34.2	62.4	11.56	34.6	67.2	12.92	35.0	72.0	13.52	35.4	73.8	13.75	35.5
		342	56.6	9.50	32.8	62.4	11.19	33.1	67.2	12.48	33.3	72.0	13.07	33.6	73.8	13.32	33.7
	35	114	56.6	10.83	43.5	62.4	12.79	44.5	67.2	14.25	45.2	72.0	14.93	45.9	73.8	15.22	46.2
		228	56.6	10.66	39.2	62.4	12.55	39.7	67.2	13.99	40.1	72.0	14.70	40.5	73.8	14.97	40.6
		342	56.6	10.34	37.8	62.4	12.17	38.1	67.2	13.54	38.4	72.0	14.25	38.6	73.8	14.51	38.7
	40	114	50.2	12.03	47.8	55.4	14.15	48.7	59.6	15.75	49.5	64.0	16.52	50.1	65.5	16.85	50.4
		228	50.7	11.82	43.9	55.9	13.92	44.4	60.0	15.49	44.7	64.4	16.24	45.1	66.0	16.57	45.2
		342	51.3	11.46	42.6	56.7	13.50	42.9	61.0	15.03	43.2	65.3	15.78	43.4	67.1	16.04	43.5
	45	114	45.1	13.09	52.3	49.8	15.38	53.2	53.6	17.15	53.9	57.4	18.03	54.5	58.9	18.32	54.7
		228	45.4	12.88	48.7	50.2	15.15	49.1	53.9	16.88	49.4	57.8	17.68	49.7	59.4	18.03	49.9
		342	46.1	12.45	47.5	51.0	14.70	47.8	54.8	16.36	48.0	58.7	17.15	48.2	60.2	17.49	48.3
90	10	114	50.8	3.93	16.9	56.2	4.62	17.6	60.4	5.14	18.2	64.6	5.39	18.8	66.4	5.50	19.0
		228	50.8	3.84	13.4	56.2	4.52	13.8	60.4	5.04	14.1	64.6	5.29	14.4	66.4	5.39	14.5
		342	50.9	3.75	12.3	56.2	4.42	12.5	60.4	4.92	12.7	64.6	5.15	12.9	66.4	5.26	13.0
	15	114	50.8	5.23	22.0	56.2	6.16	22.8	60.4	6.87	23.5	64.6	7.21	24.0	66.4	7.33	24.3
		228	50.9	5.14	18.5	56.2	6.05	18.9	60.4	6.73	19.2	64.6	7.07	19.5	66.4	7.21	19.6
		342	50.8	5.01	17.3	56.2	5.89	17.6	60.4	6.56	17.8	64.6	6.89	18.0	66.4	7.01	18.1
	20	114	50.8	6.32	27.2	56.2	7.44	28.0	60.4	8.29	28.6	64.6	8.70	29.2	66.4	8.84	29.5
		228	50.7	6.19	23.6	56.2	7.28	24.0	60.4	8.12	24.3	64.6	8.52	24.6	66.4	8.69	24.7
		342	50.8	6.04	22.4	56.2	7.11	22.7	60.4	7.92	22.9	64.6	8.30	23.1	66.4	8.46	23.1
	25	114	50.7	7.90	32.4	56.2	9.29	33.2	60.4	10.37	33.9	64.6	10.87	34.5	66.4	11.08	34.7
		228	50.9	7.75	28.7	56.2	9.11	29.1	60.4	10.16	29.4	64.6	10.66	29.7	66.4	10.87	29.9
		342	50.8	7.47	27.4	56.2	8.82	27.7	60.4	9.81	27.9	64.6	10.31	28.1	66.4	10.50	28.2
	30	114	50.7	9.47	37.6	56.2	11.15	38.5	60.4	12.40	39.2	64.6	13.03	39.8	66.4	13.28	40.0
		228	50.8	9.30	33.8	56.2	10.92	34.2	60.4	12.18	34.6	64.6	12.79	34.9	66.4	13.00	35.0
		342	50.8	9.06	32.5	56.2	10.64	32.8	60.4	11.86	33.0	64.6	12.46	33.2	66.4	12.69	33.3
	35	114	50.8	10.25	42.7	56.2	12.07	43.6	60.4	13.47	44.3	64.6	14.13	44.9	66.4	14.39	45.2
		228	50.8	10.07	38.8	56.2	11.87	39.3	60.4	13.24	39.6	64.6	13.88	39.9	66.4	14.15	40.1
		342	50.9	9.82	37.5	56.2	11.57	37.8	60.4	12.90	38.1	64.6	13.52	38.3	66.4	13.78	38.4
	40	114	45.2	11.37	47.1	49.9	13.39	48.0	53.6	14.94	48.6	57.5	15.66	49.2	59.0	15.97	49.4
		228	45.6	11.15	43.6	50.2	13.15	44.0	54.0	14.66	44.3	58.1	15.35	44.6	59.4	15.64	44.7
		342	46.2	10.89	42.4	51.0	12.83	42.7	54.8	14.28	42.9	58.9	14.98	43.1	60.3	15.25	43.2
	45	114	40.6	12.40	51.7	44.8	14.60	52.5	48.2	16.25	53.1	51.6	17.05	53.6	53.0	17.38	53.8
		228	41.0	12.14	48.3	45.2	14.33	48.7	48.6	15.97	49.1	52.1	16.73	49.3	53.4	17.06	49.4
		342	50.7	3.94	47.3	45.8	13.96	47.5	49.3	15.54	47.7	52.8	16.31	47.9	54.1	16.62	48.0
80	10	114	45.1	3.42	16.1	49.8	4.10	16.8	53.6	4.58	17.3	57.6	4.80	17.8	59.0	4.88	18.0
		228	45.1	3.32	13.0	49.8	4.03	13.4	53.6	4.49	13.7	57.6	4.72	13.9	59.0	4.81	14.0
		342	45.2	4.70	12.1	49.8	3.95	12.3	53.6	4.40	12.4	57.6	4.62	12.6	59.0	4.70	12.7
	15	114	45.1	4.57	21.2	49.8	5.49	22.0	53.6	6.11	22.5	57.6	6.41	23.0	59.0	6.52	23.2
		228	45.1	4.44	18.1	49.8	5.39	18.5	53.6	6.00	18.7	57.6	6.29	19.0	59.0	6.41	19.1
		342	45.2	5.66	17.1	49.8	5.26	17.3	53.6	5.87	17.5	57.6	6.16	17.7	59.0	6.26	17.7
	20	114	45.2	5.52	26.4	49.8	6.60	27.1	53.6	7.36	27.7	57.6	7.72	28.2	59.0	7.87	28.4
		228	45.2	5.34	23.2	49.8	6.49	23.5	53.6	7.24	23.8	57.6	7.58	24.1	59.0	7.73	24.2
		342	45.2	7.05	22.2	49.8	6.35	22.4	53.6	7.07	22.5	57.6	7.42	22.7	59.0	7.56	22.8
	25	114	45.1	6.95	31.5	49.8	8.31	32.3	53.6	9.25	32.9	57.6	9.71	33.5	59.0	9.89	33.7
		228	45.2	6.70	28.3	49.8	8.14	28.6	53.6	9.05	28.9	57.6	9.52	29.2	59.0	9.69	29.3
		342	45.1	8.44	27.2	49.8	7.89	27.4	53.6	8.79	27.6	57.6	9.20	27.8	59.0	9.39	27.9
	30	114	45.1	8.26	36.7	49.8	9.91	37.5	53.6	11.02	38.1	57.6	11.57	38.7	59.0	11.80	38.9
		228	45.2	8.04	33.3	49.8	9.77	33.7	53.6	10.88	34.1	57.6	11.43	34.3	59.0	11.64	34.4
		342	45.1	9.19	32.3	49.8	9.47	32.5	53.6	10.57	32.7	57.6	11.08	32.9	59.0	11.31	32.9
	35	114	45.2	9.03	41.8	49.8	10.80	42.6	53.6	12.03	43.3	57.6	12.64	43.8	59.0	12.86	44.0
		228	45.2	8.77	38.4	49.8	10.65	38.8	53.6	11.89	39.1	57.6	12.45	39.4	59.0	12.71	39.5
		342	40.2	10.13	37.1	49.8	10.27	37.5	53.6	11.43	37.7	57.6	12.00	37.9	59.0	12.24	38.0
	40	114	40.5	9.98	46.4	44.3	11.98	47.1	47.6	13.33	47.7	51.1	13.97	48.2	52.4	14.27	48.4
		228	41.1	9.73	43.2	44.7	11.80	43.5	48.0	13.16	43.8	51.5	13.81	44.1	52.8	14.07	44.2
		342	36.1	11.04	42.0	45.3	11.39	42.4	48.8	12.69	42.6	52.3	13.32	42.7	53.6	13.54	42.8
	45	114	36.4	10.88	50.9	39.9	13.02	51.6	42.7	14.49	52.2	45.9	15.22	52.7	47.0	15.53	52.9
		228	36.9	10.60	48.0	40.1	12.85	48.3	43.2	14.33	48.6	46.3	15.02	48.9	47.5	15.32	48.9
		342	40.7	3.32	46.8	40.7	12.37	47.2	43.7	13.82	47.4	46.9	14.47	47.6	48.1	14.73	47.6

1-8. AM240FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	114	39.6	2.89	15.3	43.6	3.40	15.9	46.8	3.79	16.4	50.2	3.97	16.8	51.6	4.06	17.0
		228	39.6	2.86	12.7	43.6	3.36	12.9	46.8	3.75	13.2	50.2	3.93	13.4	51.6	4.01	13.5
		342	39.6	2.75	11.8	43.6	3.24	12.0	46.8	3.61	12.1	50.2	3.79	12.3	51.6	3.86	12.3
	15	114	39.6	3.85	20.5	43.6	4.54	21.1	46.8	5.06	21.5	50.2	5.31	22.0	51.6	5.40	22.2
		228	39.6	3.81	17.7	43.5	4.49	18.0	46.8	5.00	18.3	50.2	5.25	18.5	51.6	5.34	18.6
		342	39.6	3.68	16.8	43.7	4.33	17.0	46.8	4.82	17.2	50.2	5.06	17.3	51.6	5.15	17.4
	20	114	39.6	4.65	25.6	43.6	5.47	26.2	46.8	6.10	26.7	50.2	6.39	27.1	51.6	6.51	27.3
		228	39.6	4.59	22.8	43.6	5.41	23.1	46.8	6.03	23.3	50.2	6.32	23.6	51.6	6.45	23.6
		342	39.6	4.43	21.8	43.7	5.22	22.0	46.8	5.81	22.2	50.2	6.09	22.4	51.6	6.20	22.4
	25	114	39.6	5.81	30.7	43.7	6.85	31.4	46.8	7.64	31.8	50.2	8.01	32.3	51.6	8.14	32.5
		228	39.6	5.72	27.8	43.7	6.74	28.2	46.8	7.51	28.4	50.2	7.88	28.7	51.6	8.03	28.7
		342	39.6	5.55	26.9	43.6	6.52	27.1	46.8	7.26	27.3	50.2	7.63	27.4	51.6	7.76	27.5
	30	114	39.6	6.97	35.9	43.7	8.22	36.5	46.8	9.16	37.0	50.2	9.60	37.5	51.6	9.78	37.7
		228	39.6	6.87	32.9	43.7	8.08	33.3	46.8	9.00	33.5	50.2	9.46	33.8	51.6	9.63	33.8
		342	39.6	6.68	31.9	43.7	7.85	32.2	46.8	8.75	32.3	50.2	9.18	32.5	51.6	9.36	32.6
	35	114	39.6	7.65	40.9	43.7	9.01	41.6	46.8	10.03	42.1	50.2	10.54	42.6	51.6	10.73	42.8
		228	39.6	7.45	38.0	43.6	8.78	38.3	46.8	9.79	38.6	50.2	10.27	38.8	51.6	10.46	38.9
		342	39.6	7.27	37.0	43.6	8.55	37.2	46.8	9.53	37.4	50.2	9.98	37.5	51.6	10.16	37.6
	40	114	35.2	8.48	45.5	38.8	9.98	46.1	41.6	11.10	46.6	44.8	11.67	47.1	45.9	11.88	47.3
		228	35.4	8.25	42.7	39.1	9.71	43.1	42.0	10.82	43.3	45.1	11.37	43.5	46.2	11.58	43.6
		342	35.9	8.03	41.8	39.7	9.48	42.1	42.6	10.56	42.2	45.7	11.05	42.4	47.0	11.29	42.4
	45	114	31.5	9.23	50.1	34.9	10.87	50.8	37.5	12.11	51.2	40.1	12.68	51.6	41.2	12.92	51.8
		228	31.9	8.98	47.6	35.1	10.57	47.9	37.8	11.79	48.1	40.5	12.36	48.3	41.5	12.58	48.4
		342	32.2	8.75	46.7	35.7	10.31	46.9	38.3	11.49	47.1	41.1	12.04	47.2	42.2	12.25	47.3
60	10	114	33.8	2.39	14.5	37.4	2.81	15.1	40.2	3.13	15.4	43.2	3.29	15.8	44.2	3.35	16.0
		228	33.8	2.32	12.3	37.3	2.74	12.5	40.2	3.05	12.7	43.2	3.19	12.9	44.2	3.25	13.0
		342	33.8	2.28	11.5	37.3	2.68	11.7	40.2	2.99	11.8	43.2	3.13	11.9	44.1	3.19	12.0
	15	114	33.8	3.18	19.6	37.4	3.75	20.2	40.2	4.18	20.6	43.2	4.39	21.0	44.3	4.47	21.1
		228	33.8	3.10	17.3	37.4	3.65	17.6	40.2	4.07	17.8	43.2	4.26	18.0	44.3	4.35	18.1
		342	33.8	3.04	16.5	37.4	3.58	16.7	40.2	3.98	16.9	43.2	4.17	17.0	44.2	4.26	17.0
	20	114	33.8	3.83	24.7	37.4	4.52	25.3	40.2	5.04	25.7	43.2	5.28	26.1	44.2	5.38	26.2
		228	33.8	3.74	22.4	37.4	4.40	22.6	40.1	4.90	22.8	43.2	5.14	23.0	44.2	5.24	23.1
		342	33.8	3.66	21.6	37.3	4.31	21.7	40.2	4.79	21.9	43.2	5.03	22.0	44.2	5.13	22.1
	25	114	33.8	4.77	29.8	37.4	5.62	30.4	40.2	6.26	30.8	43.2	6.57	31.3	44.2	6.69	31.4
		228	33.8	4.68	27.4	37.4	5.50	27.7	40.2	6.14	27.9	43.2	6.44	28.1	44.2	6.56	28.2
		342	33.8	4.54	26.6	37.4	5.34	26.8	40.1	5.95	26.9	43.2	6.25	27.1	44.2	6.36	27.1
	30	114	33.8	5.71	35.0	37.4	6.71	35.5	40.2	7.48	36.0	43.2	7.85	36.4	44.2	8.01	36.6
		228	33.8	5.59	32.5	37.4	6.57	32.8	40.2	7.34	33.0	43.2	7.69	33.2	44.1	7.84	33.3
		342	33.8	5.45	31.6	37.4	6.41	31.8	40.2	7.15	32.0	43.2	7.50	32.1	44.2	7.65	32.2
	35	114	33.8	6.19	40.0	37.4	7.28	40.6	40.2	8.11	41.1	43.2	8.51	41.5	44.2	8.69	41.7
		228	33.8	6.14	37.5	37.4	7.23	37.8	40.2	8.06	38.0	43.2	8.44	38.2	44.2	8.61	38.3
		342	33.8	5.93	36.7	37.4	7.00	36.9	40.2	7.79	37.0	43.2	8.18	37.2	44.2	8.31	37.2
	40	114	30.1	6.86	44.6	33.2	8.07	45.2	35.8	9.00	45.6	38.3	9.45	46.0	39.4	9.62	46.2
		228	30.4	6.80	42.3	33.5	8.01	42.6	36.0	8.92	42.8	38.6	9.35	43.0	39.7	9.54	43.1
		342	30.8	6.57	41.6	34.0	7.75	41.7	36.6	8.63	41.9	39.2	9.04	42.0	40.2	9.21	42.1
	45	114	27.0	7.47	49.3	29.8	8.79	49.9	32.1	9.78	50.3	34.4	10.27	50.6	35.3	10.48	50.8
		228	27.3	7.40	47.2	30.1	8.70	47.4	32.4	9.72	47.6	34.7	10.20	47.8	35.6	10.36	47.9
		342	27.6	7.17	46.5	30.6	8.43	46.6	32.8	9.39	46.8	35.2	9.86	46.9	36.1	10.03	46.9
50	10	114	28.2	1.82	13.8	31.2	2.14	14.2	33.4	2.39	14.5	36.0	2.51	14.8	36.8	2.56	14.9
		228	28.2	1.79	11.9	31.2	2.11	12.1	33.4	2.35	12.2	36.0	2.47	12.4	36.8	2.51	12.5
		342	28.2	1.76	11.3	31.2	2.06	11.4	33.4	2.30	11.5	36.0	2.42	11.6	36.9	2.46	11.6
	15	114	28.2	2.43	18.9	31.1	2.86	19.3	33.4	3.18	19.6	36.0	3.34	19.9	36.8	3.40	20.1
		228	28.3	2.39	16.9	31.1	2.81	17.1	33.4	3.13	17.3	36.0	3.29	17.5	36.8	3.35	17.5
		342	28.2	2.34	16.3	31.2	2.76	16.4	33.4	3.08	16.5	36.0	3.23	16.6	36.8	3.28	16.7
	20	114	28.2	2.93	23.9	31.1	3.45	24.3	33.4	3.84	24.7	36.0	4.03	25.0	36.8	4.11	25.1
		228	28.2	2.88	22.0	31.1	3.39	22.2	33.4	3.78	22.3	36.0	3.96	22.5	36.8	4.04	22.6
		342	28.2	2.82	21.3	31.1	3.33	21.4	33.4	3.70	21.6	36.0	3.88	21.7	36.8	3.96	21.7
	25	114	28.2	3.67	29.0	31.1	4.32	29.5	33.4	4.81	29.8	36.0	5.05	30.2	36.8	5.14	30.3
		228	28.2	3.56	27.0	31.2	4.19	27.2	33.4	4.66	27.4	36.0	4.91	27.6	36.9	4.98	27.6
		342	28.2	3.53	26.3	31.1	4.15	26.5	33.4	4.62	26.6	36.0	4.86	26.7	36.8	4.95	26.8
	30	114	28.2	4.42	34.1	31.2	5.22	34.6	33.4	5.81	34.9	36.0	6.10	35.3	36.8	6.21	35.4
		228	28.2	4.30	32.0	31.1	5.07	32.3	33.4	5.64	32.5	36.0	5.92	32.6	36.8	6.03	32.7
		342	28.2	4.22	31.4	31.1	4.96	31.5	33.4	5.53	31.6	36.0	5.81	31.8	36.8	5.91	31.8
	35	114	28.2	4.81	39.2	31.1	5.65	39.6	33.4	6.30	40.0	36.0	6.61	40.4	36.8	6.74	40.5
		228	28.2	4.68	37.1	31.1	5.51	37.3	33.4	6.13	37.5	36.0	6.44	37.7	36.8	6.56	37.7
		342	28.3	4.55	36.4	31.1	5.35	36.5	33.4	5.96	36.6	36.0	6.26	36.8	36.8	6.37	36.8
	40	114	25.1	5.32	43.8	27.7	6.26	44.3	29.7	6.98	44.6	31.9	7.34	44.9	32.7	7.47	45.1
		228	25.3	5.18	41.9	28.0	6.10	42.1	30.0	6.80	42.3	32.2	7.12	42.5	33.0	7.26	42.5
		342	25.7	5.04	41.3	28.3	5.94	41.4	30.5	6.61	41.6	32.7	6.92	41.7	33.5	7.05	41.7
	45	114	22.5	5.80	48.6	24.9	6.83	49.0	26.7	7.59	49.3	28.6	7.97	49.6	29.4	8.11	49.7
		228	22.7	5.64	46.8	25.1	6.63	47.0	27.0	7.39	47.2	28.9	7.75	47.3	29.6	7.90	47.4
		342	23.1	5.48	46.2	25.4	6.45	46.3	27.4	7.19	46.4	29.3	7.54	46.5	30.1	7.68	46.6

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	114	86.2	18.20	1.4	84.2	17.51	1.6	80.4	17.00	2.0	75.6	15.84	2.5	72.5	14.53	2.7
		228	88.0	17.59	5.6	85.5	17.19	5.7	82.0	16.75	5.9	77.2	15.57	6.1	74.0	14.30	6.2
		342	92.8	17.69	6.9	90.9	17.26	6.9	87.8	16.62	7.0	82.7	15.52	7.2	79.3	14.47	7.3
	15	114	95.1	16.13	5.1	92.7	15.38	5.3	88.8	14.88	5.7	83.6	13.84	6.2	79.9	12.73	6.6
		228	97.4	15.05	9.8	95.1	14.95	10.0	91.7	14.64	10.2	86.3	13.54	10.4	82.3	12.37	10.6
		342	96.9	15.67	11.6	95.7	15.34	11.6	93.4	14.70	11.7	87.7	13.56	11.9	84.0	13.01	12.0
	20	114	97.6	15.28	9.6	95.5	14.67	9.8	92.1	14.04	10.2	86.8	12.86	10.7	82.6	12.19	11.1
		228	99.3	14.42	14.7	98.4	14.38	14.7	94.9	13.94	14.9	89.5	13.12	15.2	85.8	12.63	15.4
		342	99.2	14.58	16.5	97.8	14.32	16.5	96.8	14.12	16.5	90.5	13.22	16.8	86.5	12.78	16.9
	25	114	100.9	14.21	14.1	97.9	13.99	14.5	96.2	13.67	14.6	91.1	12.87	15.2	87.4	12.21	15.5
		228	99.6	13.82	19.6	98.2	14.01	19.7	96.2	13.54	19.8	91.0	12.81	20.1	87.4	12.12	20.3
		342	98.9	13.74	21.4	98.1	13.37	21.4	96.3	13.40	21.5	91.1	12.72	21.7	87.6	11.62	21.8
	30	114	98.9	12.75	19.2	98.1	12.84	19.3	96.3	13.00	19.5	91.1	11.97	20.1	87.6	11.48	20.4
		228	98.9	12.42	24.6	98.1	12.91	24.6	96.1	12.71	24.8	91.1	11.98	25.0	87.4	10.95	25.2
		342	99.1	12.32	26.4	98.0	12.20	26.4	96.2	12.41	26.5	91.0	11.41	26.7	87.4	11.20	26.8
	35	114	99.0	12.00	24.1	98.1	12.36	24.2	96.3	12.85	24.5	91.1	11.71	25.0	87.5	10.83	25.4
		228	99.0	12.04	29.5	98.0	12.56	29.6	96.1	12.60	29.8	91.1	11.73	30.0	87.4	10.77	30.2
		342	98.9	11.83	31.4	98.0	12.15	31.4	96.2	12.33	31.5	91.1	11.23	31.7	87.5	10.32	31.8
	40	114	98.9	11.17	29.0	98.1	11.59	29.1	96.3	12.42	29.5	91.2	11.43	30.0	87.5	10.57	30.3
		228	98.9	11.20	34.5	98.0	11.78	34.6	96.1	12.04	34.7	91.1	11.25	35.0	87.4	10.41	35.2
		342	99.1	11.08	36.3	98.1	11.29	36.4	96.2	12.18	36.5	91.2	11.08	36.6	87.5	10.21	36.8
	45	114	99.1	9.84	33.8	98.0	10.31	34.0	96.1	11.55	34.4	91.1	10.64	34.9	87.4	9.93	35.3
		228	99.0	9.93	39.4	98.1	10.50	39.5	96.2	10.97	39.6	91.1	10.22	39.9	87.4	9.59	40.1
		342	99.0	9.96	41.3	98.0	9.92	41.3	96.2	11.47	41.4	91.1	10.36	41.6	87.5	9.75	41.7
120	10	114	82.2	18.04	1.9	80.3	17.42	2.1	76.5	16.88	2.5	72.0	15.63	2.9	68.6	14.34	3.2
		228	83.4	17.79	5.9	81.4	17.31	6.0	77.4	16.74	6.2	73.1	15.43	6.4	69.7	14.04	6.5
		342	88.2	17.49	7.0	84.9	17.04	7.2	82.8	16.61	7.2	78.2	15.37	7.4	74.4	14.00	7.5
	15	114	90.4	15.82	5.6	87.9	15.27	5.9	84.4	14.67	6.2	79.6	13.66	6.7	75.7	12.52	7.1
		228	92.0	15.51	10.2	90.0	15.21	10.3	86.4	14.64	10.5	81.3	13.52	10.7	77.3	12.22	10.9
		342	91.6	15.27	11.8	89.3	14.88	11.9	87.4	14.69	12.0	82.2	13.57	12.1	78.2	12.32	12.2
	20	114	92.2	14.64	10.3	90.3	14.09	10.4	86.7	13.41	10.8	81.6	12.42	11.3	77.4	11.85	11.8
		228	93.2	14.21	15.0	92.2	14.11	15.1	88.5	13.58	15.3	83.5	12.64	15.5	79.5	11.90	15.8
		342	92.9	14.19	16.7	90.6	13.88	16.8	89.8	13.64	16.8	84.4	12.80	17.0	80.2	12.12	17.1
	25	114	94.9	13.44	14.8	91.6	12.96	15.1	89.2	12.65	15.4	84.5	11.85	15.9	80.8	11.20	16.3
		228	93.7	13.08	19.9	91.6	12.98	20.1	89.1	12.73	20.2	84.3	11.77	20.4	80.8	11.13	20.6
		342	93.4	12.52	21.6	91.6	12.42	21.7	89.3	12.52	21.8	84.3	11.96	22.0	81.0	10.63	22.1
	30	114	93.5	11.82	19.7	91.6	11.88	20.0	89.2	11.82	20.3	84.5	10.76	20.7	80.9	10.29	21.1
		228	93.5	11.53	24.8	91.5	11.76	25.0	89.2	11.63	25.1	84.3	10.73	25.4	80.9	9.79	25.5
		342	93.5	11.12	26.5	91.6	11.13	26.6	89.1	11.32	26.7	84.5	10.51	26.9	80.9	10.01	27.0
	35	114	93.5	11.07	24.6	91.4	11.20	24.9	89.2	11.48	25.2	84.3	10.45	25.7	80.8	9.62	26.0
		228	93.7	10.84	29.8	91.5	11.19	29.9	89.2	11.08	30.1	84.5	10.21	30.3	80.8	9.40	30.5
		342	93.6	10.45	31.5	91.4	10.88	31.6	89.2	11.14	31.7	84.5	10.06	31.9	80.8	9.23	32.0
	40	114	93.5	10.29	29.5	91.4	10.33	29.8	89.3	10.89	30.1	84.3	9.94	30.6	81.0	9.16	31.0
		228	93.5	9.87	34.7	91.5	10.27	34.9	89.2	10.46	35.1	84.2	9.73	35.3	80.9	8.95	35.5
		342	93.7	9.87	36.5	91.5	9.87	36.6	89.1	10.55	36.7	84.5	9.56	36.9	80.9	8.78	37.0
	45	114	93.5	9.07	34.4	91.6	9.02	34.6	89.1	9.83	35.0	84.4	8.99	35.5	80.9	8.34	35.9
		228	93.6	8.50	39.6	91.5	8.92	39.8	89.2	9.45	40.0	84.4	8.75	40.2	80.8	8.15	40.4
		342	93.6	8.88	41.4	91.4	8.51	41.5	89.2	9.60	41.7	84.5	8.61	41.8	80.8	8.03	41.9
110	10	114	78.7	18.22	2.4	76.3	17.51	2.6	72.4	16.92	3.0	68.4	15.59	3.4	64.7	14.31	3.7
		228	79.3	17.88	6.1	76.9	17.33	6.3	73.1	16.74	6.5	69.3	15.46	6.6	65.4	14.05	6.8
		342	84.0	17.64	7.2	81.4	17.05	7.3	78.0	16.50	7.4	73.6	15.21	7.6	69.6	14.01	7.7
	15	114	86.4	15.92	6.1	83.7	15.39	6.4	80.0	14.75	6.8	75.5	13.66	7.2	71.3	12.53	7.6
		228	87.3	15.39	10.5	84.9	15.19	10.6	81.0	14.65	10.8	76.3	13.52	11.1	72.3	12.21	11.2
		342	87.1	15.34	12.0	84.6	14.87	12.1	81.6	14.38	12.2	76.8	13.25	12.3	72.5	12.32	12.5
	20	114	87.5	14.22	10.8	84.9	13.84	11.1	81.1	13.25	11.5	76.3	12.22	11.9	72.1	11.46	12.4
		228	88.1	13.90	15.3	85.4	13.65	15.5	82.1	13.14	15.7	77.4	12.28	15.9	73.1	11.35	16.1
		342	87.9	14.03	16.9	85.5	13.60	17.0	82.8	13.21	17.1	77.9	12.06	17.2	73.9	11.48	17.4
	25	114	88.7	12.54	15.4	85.3	12.15	15.8	82.6	11.93	16.1	77.9	10.99	16.6	74.1	10.22	17.0
		228	88.2	12.29	20.2	85.4	12.08	20.4	82.6	11.84	20.6	78.0	10.92	20.8	73.9	10.10	21.0
		342	88.1	12.51	21.8	85.3	12.11	21.9	82.6	11.60	22.0	77.9	11.10	22.2	74.0	9.66	22.3
	30	114	88.1	10.55	20.2	85.5	10.70	20.6	82.5	10.53	20.9	78.0	9.76	21.4	74.0	8.91	21.8
		228	88.1	10.45	25.1	85.4	10.62	25.3	82.6	10.32	25.5	78.0	9.69	25.7	74.0	8.59	25.9
		342	88.1	10.49	26.7	85.4	10.13	26.8	82.6	10.02	27.0	78.0	9.23	27.1	74.1	8.79	27.3
	35	114	88.1	9.81	25.2	85.3	9.81	25.5	82.6	9.96	25.9	77.9	9.00	26.3	74.0	8.21	26.7
		228	88.1	9.78	30.1	85.4	10.00	30.3	82.7	9.73	30.4	77.9	8.97	30.7	73.9	8.16	30.9
		342	88.0	9.23	31.7	85.3	9.48	31.8	82.7	9.49	31.9	77.8	8.83	32.1	74.0	8.01	32.2
	40	114	88.3	8.88	30.0	85.4	9.13	30.4	82.5	9.33	30.8	77.8	8.46	31.3	74.0	7.71	31.7
		228	88.0	8.87	35.0	85.4	9.09	35.2	82.5	8.91	35.4	77.9	8.42	35.6	74.0	7.71	35.8
		342	88.1	8.83	36.7	85.5	8.59	36.8	82.5	9.01	36.9	77.9	7.94	37.1	74.0	7.25	37.2
	45	114	88.2	7.58	34.9	85.4	8.03	35.3	82.5	8.32	35.7	77.9	7.59	36.2	74.1	6.95	36.6
		228	88.2	7.55	39.9	85.5	7.81	40.1	82.5	7.73	40.3	77.9	7.50	40.6	74.0	6.94	40.8
		342	88.2	8.07	41.6	85.3	7.34	41.7	82.6	8.19	41.9	77.9	6.78	42.0	73.9	6.20	42.2

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2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	114	75.3	18.36	2.8	72.0	17.79	3.2	68.5	17.05	3.5	64.7	15.71	3.8	60.8	14.20	4.1
		228	75.6	18.19	6.4	72.3	17.62	6.6	68.8	16.84	6.7	65.0	15.55	6.9	61.1	14.04	7.0
		342	80.0	17.86	7.4	76.4	17.33	7.5	72.9	16.59	7.6	69.0	15.30	7.7	64.8	13.81	7.9
	15	114	82.8	16.02	6.6	79.2	15.57	7.0	75.6	14.87	7.4	71.4	13.74	7.8	67.0	12.42	8.1
		228	82.8	15.88	10.8	79.2	15.42	11.0	75.6	14.75	11.2	71.4	13.61	11.4	67.0	12.30	11.6
		342	82.8	15.59	12.2	79.2	15.13	12.3	75.6	14.49	12.4	71.4	13.35	12.6	67.0	12.08	12.7
	20	114	82.8	14.13	11.4	79.2	13.72	11.8	75.6	13.10	12.1	71.4	12.09	12.5	67.0	10.93	13.0
		228	82.8	13.97	15.7	79.2	13.57	15.9	75.6	13.02	16.1	71.4	11.96	16.3	67.0	10.83	16.5
		342	82.8	13.73	17.1	79.2	13.34	17.2	75.6	12.74	17.4	71.4	11.75	17.5	67.0	10.64	17.6
	25	114	82.8	11.97	16.1	79.2	11.63	16.5	75.6	11.13	16.9	71.4	10.24	17.3	67.0	9.27	17.7
		228	82.8	11.86	20.5	79.2	11.49	20.7	75.6	11.01	20.9	71.4	10.14	21.1	67.0	9.16	21.4
		342	82.8	11.66	22.0	79.2	11.30	22.2	75.6	10.80	22.3	71.4	9.98	22.4	67.0	9.02	22.6
	30	114	82.8	10.02	20.8	79.2	9.72	21.3	75.6	9.30	21.7	71.4	8.59	22.1	67.0	7.75	22.5
		228	82.8	9.90	25.4	79.2	9.63	25.6	75.6	9.22	25.8	71.4	8.51	26.0	67.0	7.68	26.3
		342	82.8	9.74	26.9	79.2	9.47	27.1	75.6	9.06	27.2	71.4	8.34	27.4	67.0	7.54	27.5
	35	114	82.8	9.10	25.7	79.2	8.82	26.2	75.6	8.44	26.6	71.4	7.79	27.0	67.0	7.05	27.5
		228	82.8	9.01	30.4	79.2	8.74	30.6	75.6	8.36	30.8	71.4	7.71	31.0	67.0	6.98	31.2
		342	82.8	8.85	31.9	79.2	8.59	32.0	75.6	8.23	32.2	71.4	7.59	32.3	67.0	6.86	32.5
	40	114	82.8	8.19	30.6	79.2	7.95	31.0	75.6	7.60	31.5	71.4	7.02	31.9	67.0	6.34	32.4
		228	82.8	8.11	35.3	79.2	7.87	35.5	75.6	7.52	35.7	71.4	6.94	35.9	67.0	6.28	36.2
		342	82.8	7.97	36.9	79.2	7.73	37.0	75.6	7.40	37.1	71.4	6.82	37.3	67.0	6.16	37.5
	45	114	82.8	6.95	35.5	79.2	6.74	35.9	75.6	6.45	36.3	71.4	5.96	36.8	67.0	5.39	37.3
		228	82.8	6.88	40.2	79.2	6.69	40.4	75.6	6.40	40.6	71.4	5.89	40.9	67.0	5.32	41.1
		342	82.8	6.77	41.8	79.2	6.56	42.0	75.6	6.29	42.1	71.4	5.80	42.3	67.0	5.24	42.4
90	10	114	67.7	17.36	3.7	64.7	16.87	4.0	61.6	16.13	4.3	58.2	14.87	4.5	54.7	13.44	4.8
		228	68.0	17.16	6.8	65.0	16.64	7.0	61.9	15.94	7.1	58.5	14.67	7.2	55.1	13.28	7.4
		342	72.0	16.95	7.7	68.8	16.48	7.8	65.5	15.75	7.9	62.1	14.54	8.0	58.3	13.11	8.1
	15	114	74.4	15.18	7.6	71.2	14.75	7.9	67.8	14.10	8.2	64.2	13.00	8.6	60.4	11.73	8.9
		228	74.4	14.99	11.3	71.2	14.52	11.4	67.8	13.90	11.6	64.2	12.83	11.8	60.4	11.60	11.9
		342	74.4	14.81	12.5	71.2	14.39	12.6	67.8	13.77	12.7	64.2	12.71	12.8	60.4	11.47	12.9
	20	114	74.4	13.37	12.3	71.2	12.95	12.7	67.8	12.41	13.0	64.2	11.44	13.4	60.4	10.33	13.7
		228	74.4	13.18	16.2	71.2	12.79	16.3	67.8	12.25	16.5	64.2	11.31	16.7	60.4	10.22	16.8
		342	74.4	13.06	17.4	71.2	12.68	17.5	67.7	12.13	17.7	64.2	11.16	17.8	60.4	10.09	17.9
	25	114	74.4	11.37	17.1	71.2	11.03	17.4	67.9	10.55	17.8	64.2	9.74	18.2	60.4	8.81	18.5
		228	74.4	11.23	21.0	71.2	10.93	21.2	67.8	10.44	21.4	64.2	9.64	21.6	60.4	8.69	21.7
		342	74.4	11.00	22.3	71.2	10.70	22.5	67.7	10.23	22.6	64.2	9.42	22.7	60.4	8.51	22.8
	30	114	74.4	9.48	21.8	71.2	9.20	22.2	67.7	8.82	22.6	64.2	8.13	22.9	60.4	7.34	23.3
		228	74.4	9.37	25.9	71.2	9.11	26.1	67.9	8.70	26.3	64.2	8.04	26.5	60.4	7.26	26.7
		342	74.4	9.27	27.3	71.2	9.01	27.4	67.7	8.61	27.5	64.2	7.94	27.6	60.4	7.18	27.8
	35	114	74.4	8.61	26.7	71.2	8.35	27.1	67.8	8.00	27.5	64.2	7.38	27.9	60.4	6.66	28.2
		228	74.4	8.52	30.9	71.2	8.26	31.0	67.9	7.91	31.2	64.2	7.30	31.4	60.4	6.58	31.6
		342	74.4	8.42	32.2	71.2	8.17	32.4	67.7	7.81	32.5	64.2	7.21	32.6	60.4	6.52	32.7
	40	114	74.4	7.75	31.6	71.2	7.53	32.0	67.7	7.19	32.4	64.2	6.64	32.8	60.4	5.99	33.2
		228	74.4	7.65	35.8	71.2	7.44	36.0	67.9	7.11	36.2	64.2	6.56	36.4	60.4	5.94	36.6
		342	74.4	7.56	37.2	71.2	7.34	37.3	67.9	7.02	37.5	64.2	6.49	37.6	60.4	5.86	37.7
	45	114	74.4	6.58	36.5	71.2	6.39	36.9	67.8	6.10	37.2	64.2	5.63	37.6	60.4	5.09	38.0
		228	74.4	6.50	40.7	71.2	6.31	40.9	67.9	6.05	41.1	64.2	5.57	41.3	60.4	5.03	41.5
		342	74.4	6.43	42.2	71.2	6.24	42.3	67.8	5.98	42.4	64.2	5.51	42.5	60.4	4.98	42.7
80	10	114	60.1	15.45	4.4	57.5	14.97	4.6	54.8	14.33	4.9	51.9	13.22	5.1	48.7	11.93	5.4
		228	60.5	15.27	7.2	57.8	14.82	7.3	55.1	14.19	7.4	52.1	13.07	7.5	49.0	11.83	7.7
		342	63.9	15.13	8.0	61.3	14.69	8.0	58.3	14.07	8.1	55.2	13.00	8.2	51.9	11.72	8.3
	15	114	66.3	13.49	8.4	63.4	13.09	8.7	60.4	12.54	9.0	57.0	11.55	9.3	53.6	10.45	9.6
		228	66.2	13.33	11.7	63.4	12.97	11.8	60.4	12.41	12.0	57.0	11.43	12.1	53.6	10.34	12.3
		342	66.2	13.25	12.8	63.4	12.87	12.9	60.4	12.29	13.0	56.9	11.35	13.1	53.6	10.24	13.2
	20	114	66.3	11.86	13.2	63.4	11.51	13.5	60.4	11.02	13.8	57.1	10.17	14.1	53.6	9.20	14.4
		228	66.2	11.75	16.6	63.4	11.40	16.7	60.4	10.91	16.9	57.1	10.07	17.0	53.6	9.09	17.2
		342	66.3	11.65	17.7	63.4	11.33	17.8	60.4	10.82	17.9	57.0	9.99	18.0	53.6	9.02	18.1
	25	114	66.2	10.18	18.0	63.4	9.88	18.3	60.4	9.44	18.6	56.9	8.72	18.9	53.6	7.88	19.3
		228	66.1	10.01	21.5	63.4	9.72	21.6	60.4	9.30	21.8	57.1	8.59	22.0	53.6	7.76	22.1
		342	66.2	9.85	22.6	63.4	9.55	22.7	60.4	9.15	22.9	57.1	8.44	23.0	53.6	7.62	23.1
	30	114	66.2	8.42	22.7	63.4	8.20	23.1	60.4	7.82	23.4	57.0	7.22	23.7	53.6	6.52	24.1
		228	66.2	8.39	26.4	63.4	8.15	26.5	60.4	7.79	26.7	57.0	7.20	26.9	53.6	6.49	27.0
		342	66.2	8.24	27.6	63.4	8.02	27.7	60.4	7.66	27.8	56.9	7.06	27.9	53.6	6.40	28.0
	35	114	66.2	7.69	27.6	63.4	7.46	28.0	60.4	7.14	28.3	56.9	6.59	28.7	53.6	5.96	29.0
		228	66.2	7.64	31.3	63.4	7.42	31.5	60.4	7.11	31.7	57.0	6.55	31.8	53.6	5.91	32.0
		342	66.2	7.46	32.5	63.4	7.24	32.6	60.4	6.95	32.8	57.0	6.40	32.9	53.6	5.78	33.0
	40	114	66.2	6.93	32.5	63.4	6.73	32.9	60.4	6.43	33.2	57.0	5.92	33.6	53.6	5.36	33.9
		228	66.2	6.88	36.3	63.4	6.69	36.4	60.4	6.39	36.6	56.9	5.90	36.8	53.6	5.33	37.0
		342	66.3	6.72	37.5	63.4	6.54	37.6	60.4	6.25	37.7	57.0	5.76	37.9	53.6	5.20	38.0
	45	114	66.2	5.87	37.4	63.4	5.71	37.7	60.4	5.46	38.1	57.0	5.03	38.5	53.6	4.54	38.8
		228	66.2	5.85	41.2	63.4	5.68	41.4	60.4	5.43	41.5	57.0	5.00	41.7	53.6	4.52	41.9
		342	66.1	5.71	42.5	63.4	5.54	42.6	60.4	5.29	42.7	57.0	4.89	42.8	53.6	4.42	42.9

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	114	52.6	12.80	5.0	50.3	12.39	5.2	47.9	11.88	5.5	45.3	10.95	5.7	42.6	9.88	5.9
		228	52.9	12.72	7.5	50.6	12.35	7.6	48.2	11.81	7.7	45.6	10.89	7.8	42.7	9.84	7.9
		342	56.0	12.43	8.2	53.6	12.09	8.3	50.9	11.57	8.4	48.2	10.67	8.4	45.3	9.64	8.5
	15	114	58.0	11.18	9.1	55.4	10.83	9.4	52.8	10.37	9.7	50.0	9.58	9.9	47.0	8.65	10.2
		228	58.0	11.11	12.1	55.5	10.81	12.2	52.8	10.33	12.3	50.0	9.54	12.5	47.0	8.60	12.6
		342	58.0	10.88	13.0	55.4	10.56	13.1	52.8	10.11	13.2	50.0	9.30	13.3	47.0	8.43	13.4
	20	114	58.0	9.84	13.9	55.4	9.55	14.2	52.8	9.14	14.5	50.0	8.44	14.8	47.0	7.61	15.0
		228	58.0	9.79	17.0	55.4	9.51	17.1	52.8	9.09	17.3	50.0	8.40	17.4	47.0	7.58	17.5
		342	58.0	9.58	18.0	55.4	9.28	18.1	52.8	8.89	18.2	50.0	8.20	18.2	47.0	7.41	18.3
	25	114	58.0	8.39	18.8	55.4	8.13	19.1	52.8	7.77	19.3	50.0	7.19	19.6	47.0	6.49	19.9
		228	58.0	8.30	21.9	55.5	8.07	22.0	52.8	7.71	22.2	50.0	7.12	22.3	47.0	6.42	22.4
		342	58.0	8.15	22.9	55.4	7.92	23.0	52.8	7.58	23.1	50.0	6.98	23.2	47.0	6.31	23.3
	30	114	58.0	7.00	23.6	55.3	6.80	23.9	52.8	6.51	24.2	50.0	5.99	24.5	47.0	5.42	24.8
		228	58.0	6.94	26.8	55.4	6.74	26.9	52.8	6.46	27.1	50.0	5.94	27.2	47.0	5.37	27.4
		342	58.0	6.84	27.9	55.5	6.63	28.0	52.8	6.34	28.1	50.0	5.85	28.1	47.0	5.30	28.3
	35	114	58.0	6.41	28.5	55.5	6.22	28.8	52.8	5.96	29.1	50.0	5.49	29.4	47.0	4.97	29.7
		228	58.0	6.29	31.7	55.4	6.10	31.9	52.8	5.84	32.0	50.0	5.39	32.2	47.0	4.87	32.4
		342	58.0	6.22	32.8	55.4	6.03	32.9	52.8	5.77	33.0	50.0	5.33	33.1	47.0	4.81	33.2
	40	114	58.0	5.77	33.4	55.4	5.59	33.7	52.8	5.36	34.0	50.0	4.94	34.3	47.0	4.46	34.7
		228	58.0	5.66	36.7	55.4	5.50	36.9	52.8	5.25	37.0	50.0	4.86	37.2	47.0	4.39	37.3
		342	58.0	5.59	37.8	55.4	5.42	37.9	52.8	5.19	38.0	50.0	4.80	38.1	47.0	4.33	38.2
	45	114	58.0	4.90	38.3	55.4	4.76	38.6	52.8	4.55	38.9	50.0	4.20	39.2	47.0	3.79	39.6
		228	58.0	4.80	41.7	55.4	4.67	41.8	52.8	4.46	42.0	50.0	4.12	42.1	47.0	3.72	42.3
		342	58.0	4.75	42.8	55.5	4.61	42.9	52.8	4.41	43.0	50.0	4.07	43.1	47.0	3.68	43.2
60	10	114	45.1	10.56	5.7	43.2	10.26	5.9	41.1	9.80	6.1	38.8	9.04	6.3	36.5	8.18	6.4
		228	45.4	10.37	7.8	43.3	10.04	7.9	41.3	9.62	8.0	39.0	8.87	8.1	36.7	8.02	8.2
		342	48.0	10.27	8.4	45.9	9.98	8.5	43.7	9.55	8.6	41.4	8.81	8.6	38.8	7.95	8.7
	15	114	49.6	9.24	9.9	47.6	8.97	10.1	45.2	8.56	10.4	42.7	7.90	10.6	40.2	7.14	10.8
		228	49.6	9.03	12.4	47.6	8.79	12.6	45.2	8.40	12.7	42.7	7.75	12.8	40.2	7.00	12.9
		342	49.6	8.98	13.3	47.6	8.73	13.4	45.2	8.34	13.5	42.7	7.71	13.5	40.2	6.94	13.6
	20	114	49.6	8.13	14.8	47.6	7.88	15.0	45.3	7.54	15.3	42.7	6.96	15.5	40.2	6.29	15.7
		228	49.6	7.95	17.4	47.6	7.72	17.5	45.2	7.40	17.6	42.8	6.83	17.7	40.2	6.16	17.9
		342	49.6	7.90	18.3	47.6	7.67	18.3	45.3	7.35	18.4	42.8	6.76	18.5	40.2	6.12	18.6
	25	114	49.6	6.87	19.6	47.6	6.69	19.9	45.2	6.39	20.1	42.8	5.89	20.4	40.2	5.32	20.6
		228	49.6	6.78	22.3	47.6	6.59	22.4	45.2	6.30	22.6	42.7	5.81	22.7	40.1	5.25	22.8
		342	49.6	6.67	23.2	47.6	6.47	23.3	45.2	6.19	23.4	42.8	5.71	23.4	40.1	5.16	23.5
	30	114	49.6	5.73	24.5	47.6	5.56	24.7	45.2	5.31	25.0	42.8	4.90	25.2	40.2	4.43	25.5
		228	49.6	5.65	27.2	47.6	5.47	27.4	45.3	5.25	27.5	42.8	4.84	27.6	40.2	4.37	27.8
		342	49.6	5.58	28.2	47.6	5.41	28.2	45.2	5.18	28.3	42.8	4.79	28.4	40.2	4.32	28.5
	35	114	49.6	5.19	29.4	47.6	5.03	29.6	45.2	4.81	29.9	42.7	4.44	30.2	40.2	4.01	30.4
		228	49.6	5.18	32.2	47.6	5.03	32.3	45.2	4.81	32.5	42.8	4.44	32.6	40.2	4.01	32.7
		342	49.6	5.09	33.1	47.6	4.94	33.2	45.2	4.73	33.3	42.8	4.35	33.4	40.2	3.94	33.5
	40	114	49.6	4.66	34.4	47.6	4.54	34.6	45.2	4.34	34.9	42.8	4.00	35.1	40.1	3.61	35.4
		228	49.6	4.67	37.2	47.6	4.52	37.3	45.2	4.33	37.4	42.7	3.99	37.6	40.2	3.61	37.7
		342	49.6	4.58	38.1	47.6	4.44	38.2	45.2	4.25	38.3	42.7	3.93	38.4	40.1	3.55	38.5
	45	114	49.6	3.97	39.3	47.6	3.85	39.5	45.2	3.68	39.8	42.8	3.40	40.0	40.2	3.07	40.3
		228	49.6	3.95	42.1	47.6	3.84	42.2	45.2	3.67	42.4	42.8	3.39	42.5	40.2	3.06	42.7
		342	49.6	3.89	43.1	47.6	3.78	43.2	45.2	3.60	43.3	42.8	3.33	43.3	40.1	3.00	43.4
50	10	114	37.6	8.06	6.3	36.0	7.82	6.5	34.2	7.48	6.6	32.4	6.89	6.8	30.4	6.24	7.0
		228	37.8	7.98	8.1	36.2	7.74	8.2	34.4	7.40	8.3	32.5	6.84	8.4	30.6	6.17	8.5
		342	40.0	7.95	8.7	38.2	7.71	8.7	36.4	7.37	8.8	34.4	6.81	8.8	32.4	6.13	8.9
	15	114	41.4	7.04	10.7	39.6	6.84	10.9	37.8	6.54	11.1	35.7	6.03	11.3	33.6	5.45	11.5
		228	41.4	6.97	12.8	39.6	6.76	12.9	37.8	6.47	13.0	35.7	5.98	13.1	33.6	5.40	13.2
		342	41.3	6.94	13.6	39.6	6.74	13.6	37.8	6.44	13.7	35.7	5.95	13.8	33.6	5.37	13.8
	20	114	41.4	6.20	15.6	39.5	6.01	15.8	37.8	5.75	16.0	35.7	5.30	16.2	33.6	4.80	16.4
		228	41.4	6.14	17.8	39.6	5.96	17.9	37.8	5.70	18.0	35.6	5.25	18.1	33.6	4.76	18.2
		342	41.4	6.11	18.5	39.6	5.93	18.6	37.8	5.67	18.7	35.6	5.22	18.7	33.6	4.73	18.8
	25	114	41.3	5.29	20.5	39.6	5.14	20.7	37.8	4.91	20.9	35.6	4.53	21.1	33.6	4.08	21.3
		228	41.3	5.16	22.7	39.5	5.01	22.8	37.8	4.80	22.9	35.7	4.43	23.0	33.6	4.00	23.1
		342	41.4	5.19	23.5	39.5	5.03	23.6	37.8	4.82	23.6	35.7	4.44	23.7	33.6	4.01	23.8
	30	114	41.3	4.44	25.4	39.5	4.32	25.6	37.8	4.13	25.8	35.6	3.80	26.0	33.6	3.44	26.2
		228	41.4	4.34	27.7	39.6	4.21	27.8	37.8	4.04	27.9	35.7	3.72	28.0	33.6	3.37	28.1
		342	41.4	4.32	28.4	39.5	4.20	28.5	37.8	4.01	28.6	35.6	3.70	28.7	33.6	3.35	28.7
	35	114	41.3	4.02	30.3	39.5	3.91	30.5	37.8	3.74	30.7	35.7	3.46	30.9	33.6	3.12	31.2
		228	41.3	3.94	32.7	39.6	3.83	32.8	37.8	3.67	32.9	35.6	3.39	33.0	33.6	3.05	33.1
		342	41.4	3.89	33.4	39.5	3.77	33.5	37.8	3.61	33.6	35.7	3.33	33.6	33.6	3.01	33.7
	40	114	41.4	3.62	35.2	39.5	3.52	35.5	37.8	3.36	35.7	35.6	3.11	35.9	33.6	2.81	36.1
		228	41.4	3.55	37.6	39.5	3.45	37.7	37.8	3.29	37.8	35.7	3.05	37.9	33.6	2.75	38.1
		342	41.4	3.50	38.4	39.6	3.40	38.5	37.8	3.25	38.6	35.6	3.00	38.6	33.6	2.71	38.7
	45	114	41.4	3.08	40.2	39.6	2.99	40.4	37.8	2.86	40.6	35.6	2.64	40.9	33.6	2.38	41.1
		228	41.4	3.02	42.6	39.5	2.93	42.7	37.8	2.80	42.8	35.7	2.58	42.9	33.6	2.34	43.0
		342	41.3	2.98	43.4	39.6	2.89	43.5	37.8	2.76	43.5	35.7	2.55	43.6	33.6	2.30	43.7

1-9. AM260FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	128	72.7	4.83	18.7	80.1	5.74	19.6	86.3	6.30	20.4	92.2	6.68	21.1	94.7	6.76	21.4
		256	72.8	4.72	14.3	80.1	5.57	14.8	86.2	6.19	15.2	92.3	6.55	15.5	94.8	6.66	15.7
		384	72.8	4.65	12.9	80.1	5.49	13.2	86.3	6.02	13.4	92.2	6.33	13.7	95.0	6.50	13.8
	15	128	71.5	6.22	23.7	78.9	7.38	24.7	84.9	8.19	25.4	90.8	8.60	26.1	93.2	8.79	26.4
		256	71.5	6.13	19.3	78.8	7.20	19.8	85.0	8.05	20.2	90.7	8.46	20.6	93.3	8.66	20.7
		384	71.5	5.96	17.9	78.9	7.05	18.2	85.0	7.81	18.5	90.7	8.18	18.7	93.2	8.44	18.8
	20	128	70.6	7.43	28.7	77.8	8.69	29.7	84.0	9.71	30.5	89.4	10.17	31.1	92.1	10.40	31.5
		256	70.4	7.27	24.3	77.9	8.56	24.8	84.0	9.56	25.2	89.3	10.05	25.6	92.0	10.26	25.7
		384	70.4	7.04	22.9	77.8	8.30	23.2	84.0	9.27	23.5	89.5	9.69	23.7	92.0	9.99	23.8
	25	128	70.5	9.32	33.9	77.8	10.97	34.9	83.9	12.23	35.8	89.4	12.84	36.4	92.1	13.06	36.8
		256	70.4	9.19	29.5	77.8	10.80	30.0	83.9	12.02	30.4	89.5	12.68	30.7	92.1	12.86	30.9
		384	70.6	8.87	28.0	77.8	10.47	28.3	84.0	11.68	28.6	89.4	12.23	28.8	92.0	12.57	28.9
	30	128	70.4	10.94	39.1	77.8	12.86	40.2	84.0	14.36	41.0	89.4	15.04	41.7	92.0	15.31	42.0
		256	70.4	10.75	34.5	77.8	12.65	35.1	84.0	14.14	35.5	89.4	14.81	35.8	92.0	15.13	36.0
		384	70.5	10.42	33.0	77.8	12.25	33.4	84.0	13.65	33.6	89.5	14.34	33.9	92.0	14.71	34.0
	35	128	66.6	11.37	43.7	73.6	13.40	44.7	79.3	14.95	45.6	84.8	15.65	46.3	86.9	15.94	46.5
		256	66.6	11.16	39.4	73.8	13.18	39.9	79.4	14.67	40.3	84.9	15.43	40.6	87.0	15.76	40.8
		384	66.6	10.87	37.9	73.7	12.79	38.2	79.3	14.21	38.5	85.0	14.94	38.7	87.0	15.33	38.8
	40	128	55.7	11.86	47.6	61.4	13.93	48.4	66.0	15.54	49.1	70.9	16.33	49.8	72.9	16.64	50.0
		256	56.2	11.65	43.8	62.0	13.72	44.2	66.7	15.26	44.6	71.3	16.09	44.9	73.2	16.37	45.0
		384	57.0	11.28	42.6	62.8	13.26	42.8	67.6	14.85	43.1	72.3	15.56	43.3	74.5	16.03	43.4
	45	128	46.5	12.23	51.6	51.0	14.39	52.3	54.7	16.07	52.9	58.7	16.84	53.5	60.4	17.19	53.7
		256	46.9	12.04	48.3	51.4	14.17	48.7	55.3	15.78	49.0	59.3	16.64	49.3	60.9	16.93	49.4
		384	47.5	11.65	47.2	52.1	13.70	47.5	56.0	15.30	47.7	60.1	16.03	47.8	61.7	16.57	47.9
120	10	128	69.0	4.59	18.2	76.0	5.44	19.1	81.9	5.98	19.8	87.3	6.31	20.5	89.6	6.40	20.7
		256	68.9	4.52	14.1	75.9	5.34	14.6	81.9	5.86	14.9	87.3	6.19	15.2	89.8	6.31	15.4
		384	69.0	4.32	12.7	76.1	5.20	13.0	81.8	5.68	13.3	87.4	6.01	13.5	89.8	6.21	13.6
	15	128	68.1	5.96	23.3	74.8	7.04	24.2	80.8	7.86	24.9	86.4	8.23	25.6	88.7	8.36	25.9
		256	68.1	5.88	19.1	74.9	6.89	19.6	80.8	7.71	20.0	86.3	8.08	20.3	88.6	8.26	20.4
		384	68.1	5.67	17.8	74.9	6.74	18.0	80.9	7.45	18.3	86.2	7.83	18.5	88.7	8.07	18.6
	20	128	67.4	7.14	28.4	74.2	8.35	29.2	80.2	9.32	30.0	85.6	9.78	30.7	87.9	10.01	31.0
		256	67.3	6.98	24.2	74.1	8.22	24.6	80.1	9.18	25.0	85.6	9.66	25.3	88.0	9.83	25.5
		384	67.3	6.79	22.8	74.2	8.00	23.1	80.1	8.89	23.3	85.6	9.31	23.5	87.9	9.58	23.6
	25	128	67.4	8.96	33.5	74.1	10.53	34.5	80.1	11.68	35.3	85.5	12.31	35.9	87.8	12.53	36.2
		256	67.4	8.78	29.3	74.2	10.37	29.7	80.1	11.53	30.1	85.5	12.11	30.5	87.8	12.34	30.6
		384	67.5	8.49	27.8	74.2	10.02	28.1	80.0	11.20	28.4	85.5	11.73	28.6	87.9	12.01	28.7
	30	128	67.3	10.57	38.7	74.1	12.42	39.7	80.1	13.84	40.5	85.6	14.52	41.2	87.9	14.77	41.5
		256	67.4	10.38	34.4	74.2	12.21	34.8	80.0	13.64	35.2	85.6	14.28	35.6	87.9	14.60	35.7
		384	67.4	10.05	32.9	74.2	11.83	33.2	80.1	13.18	33.5	85.6	13.87	33.7	87.9	14.18	33.8
	35	128	64.7	11.14	43.5	71.5	13.12	44.5	77.1	14.63	45.3	82.1	15.33	45.9	84.5	15.61	46.2
		256	64.8	10.93	39.2	71.5	12.89	39.7	77.2	14.36	40.1	82.1	15.09	40.4	84.5	15.39	40.6
		384	64.6	10.61	37.8	71.5	12.53	38.1	77.1	13.91	38.4	82.2	14.58	38.6	84.6	14.98	38.7
	40	128	55.2	11.82	47.5	60.9	13.91	48.4	65.5	15.53	49.1	69.9	16.30	49.7	72.1	16.62	49.9
		256	55.7	11.63	43.8	61.4	13.71	44.2	66.2	15.25	44.6	70.6	16.03	44.9	72.5	16.33	45.0
		384	56.5	11.26	42.5	62.3	13.29	42.8	67.1	14.82	43.1	71.5	15.53	43.2	73.8	15.94	43.3
	45	128	46.9	12.40	51.6	52.0	14.62	52.5	56.0	16.33	53.1	59.7	17.10	53.6	61.3	17.46	53.8
		256	47.4	12.24	48.3	52.4	14.40	48.7	56.6	16.05	49.1	60.3	16.87	49.3	61.8	17.19	49.4
		384	48.0	11.81	47.2	53.1	13.97	47.5	57.2	15.54	47.7	61.1	16.34	47.9	62.8	16.74	48.0
110	10	128	65.1	4.29	17.8	71.5	5.15	18.6	77.2	5.64	19.3	82.4	5.96	19.9	84.5	6.03	20.1
		256	65.1	4.23	13.9	71.5	5.00	14.3	77.2	5.53	14.6	82.3	5.88	14.9	84.6	5.92	15.1
		384	65.1	4.11	12.6	71.6	4.86	12.9	77.1	5.42	13.1	82.4	5.67	13.3	84.6	5.82	13.4
	15	128	64.5	5.67	22.9	71.1	6.72	23.7	76.7	7.49	24.4	82.0	7.83	25.1	84.3	8.00	25.3
		256	64.5	5.59	18.9	71.1	6.56	19.3	76.7	7.35	19.7	82.0	7.72	20.0	84.3	7.86	20.2
		384	64.6	5.42	17.6	71.1	6.40	17.9	76.7	7.15	18.1	82.0	7.48	18.3	84.2	7.65	18.4
	20	128	64.3	6.85	28.0	70.8	8.02	28.8	76.4	8.97	29.6	81.4	9.38	30.2	83.7	9.59	30.5
		256	64.2	6.70	24.0	70.8	7.89	24.4	76.5	8.81	24.8	81.3	9.25	25.1	83.8	9.43	25.2
		384	64.2	6.52	22.6	70.7	7.67	22.9	76.4	8.54	23.2	81.4	8.96	23.4	83.7	9.15	23.5
	25	128	64.3	8.58	33.2	70.7	10.06	34.0	76.4	11.20	34.8	81.4	11.74	35.4	83.7	11.97	35.7
		256	64.2	8.43	29.1	70.8	9.91	29.5	76.5	11.02	29.9	81.5	11.56	30.2	83.7	11.77	30.3
		384	64.4	8.14	27.7	70.7	9.58	28.0	76.4	10.72	28.3	81.4	11.22	28.5	83.7	11.46	28.6
	30	128	64.2	10.18	38.3	70.8	11.99	39.3	76.5	13.35	40.1	81.3	14.01	40.7	83.8	14.25	41.0
		256	64.2	10.01	34.2	70.8	11.78	34.6	76.5	13.15	35.0	81.4	13.77	35.3	83.9	14.04	35.5
		384	64.2	9.69	32.8	70.7	11.44	33.1	76.4	12.72	33.3	81.4	13.36	33.5	83.8	13.65	33.6
	35	128	62.8	10.88	43.3	69.6	12.84	44.2	74.7	14.29	45.0	79.9	15.01	45.6	82.0	15.25	45.9
		256	62.9	10.71	39.1	69.6	12.60	39.6	74.7	14.06	40.0	80.0	14.75	40.3	82.0	15.05	40.4
		384	62.8	10.37	37.7	69.5	12.23	38.1	74.7	13.59	38.3	79.9	14.29	38.5	82.1	14.61	38.6
	40	128	54.6	11.84	47.4	60.4	13.94	48.3	64.8	15.51	49.0	69.6	16.28	49.6	71.6	16.61	49.9
		256	55.1	11.60	43.7	60.9	13.68	44.2	65.5	15.25	44.5	70.1	16.00	44.8	72.1	16.31	44.9
		384	55.9	11.24	42.5	61.7	13.27	42.8	66.2	14.80	43.0	71.0	15.51	43.2	73.1	15.87	43.3
	45	128	47.9	12.65	51.8	52.8	14.89	52.6	56.7	16.59	53.2	60.9	17.39	53.8	62.6	17.75	54.0
		256	48.4	12.40	48.4	53.1	14.62	48.8	57.3	16.29	49.1	61.5	17.17	49.4	63.1	17.44	49.5
		384	49.0	12.00	47.3	53.9	14.19	47.5	58.0	15.79	47.8	62.3	16.60	47.9	64.0	16.97	48.0

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	128	61.1	4.09	17.3	67.6	4.81	18.1	72.8	5.36	18.8	77.8	5.62	19.3	79.9	5.73	19.6
		256	61.2	4.01	13.7	67.6	4.73	14.0	72.8	5.26	14.4	77.8	5.53	14.7	79.9	5.63	14.8
		384	61.2	3.89	12.4	67.6	4.58	12.7	72.8	5.11	12.9	77.8	5.35	13.1	79.9	5.45	13.2
	15	128	61.1	5.45	22.5	67.6	6.42	23.3	72.8	7.15	24.0	77.8	7.50	24.6	79.9	7.64	24.8
		256	61.2	5.36	18.7	67.6	6.30	19.1	72.8	7.03	19.5	77.8	7.37	19.8	79.9	7.51	19.9
		384	61.2	5.19	17.5	67.6	6.11	17.8	72.8	6.81	18.0	77.8	7.14	18.2	79.9	7.27	18.3
	20	128	61.2	6.57	27.6	67.6	7.74	28.4	72.8	8.62	29.1	77.8	9.04	29.7	79.9	9.22	30.0
		256	61.1	6.46	23.8	67.6	7.61	24.2	72.8	8.46	24.5	77.8	8.88	24.9	79.9	9.06	25.0
		384	61.1	6.26	22.5	67.6	7.36	22.8	72.8	8.21	23.0	77.8	8.62	23.2	79.9	8.78	23.3
	25	128	61.1	8.19	32.8	67.6	9.63	33.6	72.8	10.74	34.4	77.8	11.26	35.0	79.9	11.48	35.2
		256	61.1	8.05	28.9	67.6	9.48	29.3	72.8	10.55	29.7	77.8	11.08	30.0	79.9	11.28	30.1
		384	61.2	7.80	27.6	67.6	9.17	27.9	72.8	10.24	28.1	77.8	10.73	28.3	79.9	10.93	28.4
	30	128	61.1	9.84	37.9	67.6	11.59	38.9	72.8	12.90	39.6	77.8	13.53	40.2	79.9	13.80	40.5
		256	61.1	9.67	34.0	67.6	11.39	34.4	72.8	12.73	34.8	77.8	13.30	35.1	79.9	13.56	35.2
		384	61.1	9.38	32.6	67.6	11.04	32.9	72.8	12.29	33.2	77.8	12.90	33.4	79.9	13.14	33.5
	35	128	61.1	10.69	43.0	67.6	12.58	44.0	72.8	14.02	44.7	77.8	14.72	45.4	79.9	14.98	45.6
		256	61.2	10.51	39.0	67.6	12.37	39.5	72.8	13.78	39.8	77.8	14.46	40.2	79.9	14.74	40.3
		384	61.1	10.18	37.7	67.6	11.99	38.0	72.8	13.36	38.2	77.8	14.01	38.4	79.9	14.27	38.5
	40	128	54.4	11.85	47.4	60.1	13.95	48.3	64.5	15.54	49.0	69.2	16.31	49.6	71.0	16.61	49.8
		256	54.8	11.64	43.7	60.6	13.71	44.2	65.1	15.28	44.5	69.8	16.03	44.8	71.5	16.30	44.9
		384	55.6	11.28	42.5	61.4	13.28	42.8	66.0	14.82	43.0	70.8	15.52	43.2	72.7	15.82	43.3
	45	128	48.8	12.89	51.9	53.9	15.17	52.7	57.9	16.90	53.4	62.1	17.74	53.9	63.7	18.08	54.2
		256	49.3	12.68	48.5	54.3	14.92	48.9	58.4	16.63	49.2	62.7	17.45	49.5	64.3	17.75	49.6
		384	49.9	12.28	47.3	55.1	14.47	47.6	59.2	16.09	47.8	63.6	16.90	48.0	65.2	17.24	48.1
90	10	128	55.0	3.87	16.6	60.7	4.55	17.3	65.3	5.07	17.9	70.1	5.32	18.4	71.9	5.41	18.7
		256	55.0	3.79	13.3	60.8	4.47	13.7	65.3	4.97	13.9	70.1	5.21	14.2	71.9	5.31	14.3
		384	55.0	3.69	12.2	60.8	4.35	12.4	65.3	4.84	12.6	70.1	5.09	12.8	71.9	5.18	12.9
	15	128	55.0	5.16	21.7	60.8	6.08	22.5	65.2	6.77	23.1	70.1	7.10	23.6	71.9	7.24	23.9
		256	55.0	5.06	18.4	60.7	5.96	18.7	65.3	6.63	19.0	70.1	6.96	19.3	71.9	7.10	19.4
		384	55.0	4.93	17.2	60.8	5.81	17.5	65.2	6.47	17.7	70.1	6.79	17.9	71.9	6.91	17.9
	20	128	55.0	6.22	26.9	60.8	7.32	27.6	65.3	8.16	28.2	70.1	8.55	28.8	71.8	8.72	29.0
		256	55.0	6.10	23.4	60.8	7.18	23.8	65.3	7.99	24.1	70.1	8.38	24.4	71.9	8.55	24.5
		384	55.0	5.95	22.3	60.8	6.99	22.5	65.3	7.80	22.7	70.1	8.17	22.9	71.9	8.33	23.0
	25	128	55.0	7.77	32.0	60.8	9.16	32.8	65.3	10.21	33.5	70.1	10.70	34.0	71.9	10.91	34.3
		256	55.0	7.64	28.5	60.8	8.99	28.9	65.3	10.01	29.2	70.1	10.51	29.5	71.9	10.70	29.6
		384	55.0	7.38	27.3	60.8	8.68	27.6	65.2	9.66	27.8	70.1	10.15	28.0	71.9	10.33	28.1
	30	128	55.0	9.32	37.2	60.8	10.97	38.0	65.4	12.24	38.7	70.1	12.83	39.3	72.0	13.06	39.5
		256	55.0	9.16	33.6	60.7	10.77	34.0	65.3	12.01	34.3	70.1	12.59	34.6	71.9	12.84	34.7
		384	55.0	8.91	32.4	60.8	10.49	32.7	65.2	11.71	32.9	70.1	12.29	33.1	71.9	12.51	33.2
	35	128	55.0	10.11	42.3	60.8	11.91	43.1	65.4	13.27	43.8	70.1	13.92	44.4	71.9	14.18	44.6
		256	55.0	9.93	38.6	60.8	11.68	39.1	65.3	13.04	39.4	70.1	13.68	39.7	71.9	13.93	39.8
		384	55.0	9.67	37.4	60.8	11.39	37.7	65.2	12.71	37.9	70.1	13.31	38.1	71.9	13.56	38.2
	40	128	48.9	11.21	46.7	54.1	13.19	47.5	58.1	14.71	48.1	62.3	15.41	48.7	63.9	15.71	48.9
		256	49.4	11.01	43.4	54.5	12.96	43.8	58.6	14.44	44.1	62.9	15.14	44.4	64.4	15.43	44.5
		384	50.0	10.72	42.3	55.3	12.63	42.5	59.4	14.06	42.7	63.8	14.76	42.9	65.3	15.03	43.0
	45	128	44.0	12.20	51.3	48.5	14.37	52.0	52.1	16.02	52.6	56.0	16.81	53.2	57.3	17.08	53.3
		256	44.3	11.99	48.2	48.9	14.11	48.5	52.6	15.70	48.8	56.4	16.48	49.1	57.8	16.81	49.2
		384	55.0	3.88	47.2	49.6	13.75	47.4	53.3	15.32	47.6	57.2	16.08	47.7	58.7	16.36	47.8
80	10	128	49.0	3.38	15.9	54.0	4.04	16.5	58.1	4.51	17.0	62.4	4.73	17.5	64.0	4.82	17.7
		256	49.0	3.28	12.9	54.0	3.98	13.2	58.1	4.43	13.5	62.4	4.65	13.8	64.0	4.73	13.8
		384	49.0	4.62	12.0	54.0	3.89	12.2	58.1	4.34	12.3	62.4	4.55	12.5	64.0	4.63	12.6
	15	128	49.0	4.50	21.0	54.0	5.40	21.7	58.1	6.01	22.2	62.4	6.31	22.7	64.0	6.43	22.9
		256	49.0	4.37	18.0	54.1	5.31	18.3	58.1	5.92	18.6	62.4	6.21	18.8	64.0	6.32	18.9
		384	49.0	5.57	17.0	54.0	5.18	17.2	58.1	5.78	17.4	62.4	6.06	17.6	64.0	6.18	17.6
	20	128	49.0	5.43	26.1	54.0	6.50	26.8	58.1	7.25	27.3	62.4	7.60	27.8	64.0	7.75	28.0
		256	49.0	5.27	23.0	54.0	6.40	23.4	58.1	7.13	23.7	62.4	7.48	23.9	64.0	7.62	24.0
		384	49.0	6.94	22.1	54.1	6.25	22.3	58.1	6.97	22.4	62.4	7.31	22.6	64.0	7.44	22.7
	25	128	49.0	6.84	31.3	54.0	8.20	32.0	58.1	9.13	32.5	62.4	9.57	33.1	64.0	9.75	33.3
		256	49.0	6.60	28.1	54.1	8.01	28.5	58.1	8.93	28.8	62.4	9.36	29.0	64.0	9.54	29.1
		384	49.0	8.31	27.1	54.0	7.76	27.3	58.1	8.65	27.5	62.4	9.07	27.7	64.0	9.24	27.7
	30	128	49.0	8.15	36.4	54.1	9.76	37.1	58.1	10.87	37.7	62.4	11.40	38.3	64.0	11.62	38.5
		256	49.0	7.93	33.2	54.1	9.64	33.6	58.1	10.74	33.9	62.4	11.27	34.1	64.0	11.47	34.2
		384	49.0	9.05	32.2	54.0	9.35	32.4	58.1	10.42	32.6	62.4	10.91	32.7	64.0	11.12	32.8
	35	128	49.0	8.89	41.5	54.1	10.65	42.2	58.1	11.87	42.8	62.4	12.44	43.4	64.0	12.67	43.6
		256	49.0	8.65	38.2	54.1	10.51	38.6	58.1	11.70	38.9	62.4	12.28	39.2	64.0	12.51	39.3
		384	43.5	9.99	37.0	54.0	10.12	37.4	58.1	11.29	37.6	62.4	11.84	37.8	64.0	12.05	37.8
	40	128	43.9	9.84	46.0	48.0	11.81	46.7	51.6	13.14	47.2	55.3	13.80	47.7	56.8	14.04	47.9
		256	44.5	9.60	43.0	48.5	11.65	43.4	52.1	12.98	43.6	55.8	13.62	43.9	57.3	13.86	44.0
		384	39.1	10.88	41.9	49.1	11.21	42.3	52.8	12.49	42.4	56.7	13.09	42.6	58.1	13.36	42.7
	45	128	39.4	10.73	50.6	43.1	12.84	51.3	46.3	14.30	51.8	49.7	14.99	52.2	51.0	15.29	52.4
		256	40.0	10.43	47.8	43.5	12.68	48.1	46.7	14.12	48.4	50.1	14.82	48.6	51.5	15.09	48.7
		384	44.1	3.26	46.8	44.1	12.21	47.1	47.4	13.61	47.3	50.9	14.27	47.4	52.2	14.53	47.5

1-9. AM260FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	128	42.9	2.85	15.1	47.4	3.35	15.7	50.8	3.73	16.1	54.6	3.92	16.6	55.9	3.99	16.7
		256	42.9	2.81	12.6	47.4	3.31	12.8	50.8	3.69	13.1	54.6	3.87	13.3	55.8	3.95	13.3
		384	42.9	2.71	11.7	47.4	3.19	11.9	50.7	3.56	12.0	54.6	3.73	12.2	55.8	3.80	12.2
	15	128	42.8	3.80	20.2	47.4	4.48	20.8	50.7	4.99	21.2	54.6	5.23	21.7	55.9	5.33	21.9
		256	42.9	3.76	17.6	47.4	4.42	17.9	50.7	4.93	18.1	54.6	5.17	18.3	55.9	5.27	18.4
		384	42.8	3.62	16.7	47.4	4.26	16.9	50.8	4.74	17.1	54.6	4.98	17.2	55.8	5.08	17.3
	20	128	42.9	4.58	25.3	47.4	5.40	25.9	50.7	6.00	26.4	54.6	6.30	26.8	55.8	6.41	27.0
		256	42.8	4.53	22.7	47.4	5.33	23.0	50.8	5.94	23.2	54.6	6.24	23.4	55.8	6.34	23.5
		384	42.8	4.36	21.8	47.4	5.13	22.0	50.8	5.73	22.1	54.6	6.00	22.3	55.9	6.12	22.3
	25	128	42.9	5.73	30.4	47.4	6.74	31.1	50.7	7.52	31.5	54.6	7.89	32.0	55.9	8.04	32.2
		256	42.9	5.64	27.7	47.4	6.64	28.0	50.7	7.40	28.3	54.6	7.76	28.5	55.9	7.90	28.6
		384	42.8	5.46	26.8	47.4	6.43	27.0	50.8	7.17	27.2	54.6	7.52	27.3	55.9	7.65	27.4
	30	128	42.8	6.89	35.6	47.4	8.10	36.2	50.7	9.03	36.7	54.6	9.46	37.2	55.8	9.64	37.3
		256	42.8	6.77	32.8	47.4	7.98	33.1	50.7	8.89	33.3	54.6	9.31	33.6	55.9	9.50	33.7
		384	42.8	6.58	31.8	47.4	7.73	32.1	50.8	8.62	32.2	54.6	9.04	32.4	55.9	9.23	32.4
	35	128	42.8	7.54	40.6	47.4	8.87	41.3	50.7	9.89	41.8	54.6	10.37	42.3	55.9	10.57	42.4
		256	42.8	7.34	37.8	47.4	8.64	38.1	50.7	9.63	38.4	54.6	10.11	38.6	55.8	10.30	38.7
		384	42.8	7.15	36.9	47.4	8.41	37.1	50.8	9.38	37.2	54.6	9.84	37.4	55.8	10.03	37.5
	40	128	38.1	8.35	45.2	42.0	9.83	45.8	45.1	10.96	46.3	48.5	11.48	46.7	49.7	11.69	46.9
		256	38.4	8.14	42.6	42.4	9.57	42.9	45.6	10.66	43.1	48.9	11.21	43.4	50.0	11.41	43.4
		384	38.9	7.93	41.7	43.0	9.33	42.0	46.2	10.39	42.1	49.5	10.91	42.3	50.8	11.12	42.3
	45	128	34.2	9.09	49.8	37.7	10.71	50.4	40.6	11.92	50.9	43.5	12.52	51.3	44.6	12.73	51.4
		256	34.5	8.85	47.4	38.0	10.42	47.7	40.9	11.61	47.9	43.9	12.18	48.1	45.0	12.41	48.2
		384	34.9	8.63	46.6	38.6	10.15	46.8	41.5	11.31	47.0	44.5	11.86	47.1	45.7	12.10	47.2
60	10	128	36.7	2.35	14.4	40.5	2.77	14.8	43.6	3.09	15.2	46.7	3.24	15.6	47.9	3.30	15.7
		256	36.7	2.29	12.2	40.5	2.70	12.4	43.6	3.01	12.6	46.7	3.15	12.8	47.9	3.21	12.9
		384	36.7	2.24	11.5	40.5	2.64	11.6	43.5	2.94	11.7	46.7	3.08	11.9	47.9	3.14	11.9
	15	128	36.7	3.14	19.5	40.5	3.70	19.9	43.6	4.12	20.3	46.7	4.32	20.7	47.9	4.40	20.9
		256	36.7	3.06	17.2	40.5	3.60	17.5	43.6	4.01	17.7	46.8	4.21	17.9	47.9	4.28	17.9
		384	36.7	2.99	16.5	40.5	3.52	16.6	43.6	3.92	16.8	46.8	4.12	16.9	47.9	4.20	16.9
	20	128	36.7	3.78	24.5	40.5	4.45	25.0	43.6	4.97	25.4	46.7	5.21	25.8	47.9	5.30	26.0
		256	36.7	3.68	22.3	40.5	4.33	22.5	43.6	4.83	22.7	46.7	5.06	22.9	47.9	5.16	23.0
		384	36.7	3.60	21.5	40.5	4.24	21.7	43.6	4.73	21.8	46.7	4.96	21.9	47.9	5.05	22.0
	25	128	36.7	4.70	29.6	40.5	5.54	30.2	43.6	6.18	30.6	46.8	6.47	31.0	47.9	6.60	31.1
		256	36.7	4.61	27.3	40.5	5.43	27.6	43.6	6.05	27.8	46.7	6.35	28.0	47.9	6.46	28.0
		384	36.7	4.47	26.5	40.5	5.26	26.7	43.6	5.85	26.8	46.7	6.15	27.0	47.9	6.26	27.0
	30	128	36.7	5.62	34.7	40.5	6.61	35.3	43.6	7.38	35.7	46.8	7.73	36.1	47.9	7.89	36.2
		256	36.7	5.50	32.4	40.5	6.48	32.6	43.6	7.22	32.8	46.8	7.57	33.0	47.9	7.72	33.1
		384	36.7	5.37	31.6	40.5	6.32	31.7	43.5	7.04	31.9	46.7	7.38	32.0	47.9	7.53	32.1
	35	128	36.7	6.10	39.8	40.5	7.18	40.3	43.6	8.00	40.8	46.8	8.39	41.2	47.9	8.55	41.3
		256	36.7	6.04	37.4	40.5	7.12	37.7	43.5	7.92	37.9	46.8	8.33	38.1	47.9	8.48	38.2
		384	36.7	5.85	36.6	40.5	6.90	36.8	43.6	7.68	36.9	46.8	8.06	37.0	47.9	8.19	37.1
	40	128	32.7	6.76	44.4	36.0	7.95	44.9	38.7	8.86	45.3	41.5	9.30	45.7	42.6	9.46	45.8
		256	32.9	6.70	42.2	36.3	7.88	42.5	39.0	8.78	42.7	41.9	9.22	42.9	43.0	9.38	42.9
		384	33.4	6.48	41.5	36.9	7.63	41.7	39.6	8.50	41.8	42.5	8.92	41.9	43.5	9.08	42.0
	45	128	29.3	7.36	49.1	32.4	8.66	49.6	34.8	9.65	50.0	37.3	10.13	50.3	38.2	10.31	50.4
		256	29.5	7.29	47.1	32.7	8.59	47.3	35.0	9.56	47.5	37.6	10.03	47.7	38.6	10.23	47.7
		384	30.0	7.06	46.4	33.1	8.31	46.5	35.5	9.26	46.7	38.2	9.70	46.8	39.1	9.88	46.8
50	10	128	30.6	1.79	13.6	33.7	2.11	14.0	36.3	2.35	14.3	38.9	2.47	14.6	40.0	2.51	14.8
		256	30.6	1.76	11.8	33.7	2.08	12.0	36.3	2.31	12.2	39.0	2.43	12.3	40.0	2.47	12.4
		384	30.6	1.73	11.2	33.8	2.04	11.3	36.3	2.27	11.4	39.0	2.38	11.5	39.9	2.43	11.6
	15	128	30.6	2.39	18.7	33.8	2.82	19.1	36.3	3.14	19.4	39.0	3.30	19.7	40.0	3.36	19.9
		256	30.6	2.36	16.8	33.7	2.77	17.0	36.3	3.09	17.2	38.9	3.24	17.4	39.9	3.30	17.4
		384	30.6	2.31	16.2	33.7	2.72	16.4	36.3	3.03	16.5	38.9	3.18	16.6	40.0	3.24	16.6
	20	128	30.6	2.89	23.8	33.7	3.40	24.2	36.3	3.78	24.5	38.9	3.97	24.8	39.9	4.05	24.9
		256	30.6	2.84	21.9	33.7	3.34	22.1	36.3	3.72	22.2	39.0	3.90	22.4	39.9	3.98	22.5
		384	30.6	2.78	21.2	33.8	3.27	21.4	36.3	3.65	21.5	38.9	3.82	21.6	39.9	3.90	21.6
	25	128	30.6	3.62	28.8	33.8	4.25	29.3	36.3	4.75	29.6	38.9	4.98	29.9	39.9	5.07	30.0
		256	30.6	3.51	26.9	33.7	4.13	27.1	36.3	4.60	27.3	39.0	4.82	27.5	40.0	4.91	27.5
		384	30.6	3.47	26.3	33.8	4.09	26.4	36.3	4.55	26.5	38.9	4.78	26.6	39.9	4.87	26.7
	30	128	30.6	4.36	33.9	33.8	5.14	34.4	36.3	5.73	34.7	38.9	6.01	35.0	40.0	6.11	35.2
		256	30.6	4.24	32.0	33.8	5.00	32.2	36.3	5.56	32.3	39.0	5.84	32.5	40.0	5.95	32.6
		384	30.6	4.16	31.3	33.7	4.89	31.4	36.3	5.46	31.6	39.0	5.73	31.7	40.0	5.83	31.7
	35	128	30.6	4.73	39.0	33.7	5.57	39.4	36.3	6.21	39.8	38.9	6.51	40.1	40.0	6.64	40.2
		256	30.6	4.61	37.0	33.8	5.43	37.2	36.3	6.04	37.4	38.9	6.34	37.5	40.0	6.45	37.6
		384	30.6	4.48	36.3	33.7	5.27	36.5	36.4	5.88	36.6	39.0	6.16	36.7	39.9	6.29	36.7
	40	128	27.2	5.25	43.6	30.0	6.17	44.1	32.3	6.88	44.4	34.6	7.22	44.7	35.5	7.35	44.8
		256	27.4	5.10	41.8	30.3	6.01	42.0	32.6	6.70	42.2	34.9	7.02	42.3	35.8	7.16	42.4
		384	27.8	4.96	41.2	30.7	5.84	41.4	33.0	6.52	41.5	35.4	6.84	41.6	36.3	6.95	41.6
	45	128	24.4	5.71	48.4	26.9	6.73	48.8	29.0	7.48	49.1	31.1	7.85	49.4	31.8	8.01	49.5
		256	24.6	5.56	46.7	27.2	6.54	46.9	29.2	7.29	47.0	31.3	7.65	47.2	32.2	7.80	47.2
		384	25.0	5.40	46.1	27.6	6.36	46.3	29.6	7.09	46.4	31.8	7.43	46.5	32.6	7.57	46.5

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	128	93.3	18.86	1.7	91.0	18.13	1.8	87.2	17.64	2.2	82.0	16.43	2.7	78.7	15.09	2.9
		256	95.0	18.16	5.7	92.5	17.84	5.8	88.9	17.37	6.0	83.7	16.12	6.2	80.2	14.83	6.3
		384	100.5	18.30	6.9	98.6	17.89	7.0	95.0	17.22	7.1	89.5	16.05	7.3	85.9	15.00	7.4
	15	128	102.7	16.71	5.4	100.2	15.95	5.6	96.2	15.42	6.0	90.4	14.36	6.5	86.4	13.19	6.8
		256	105.4	15.54	10.0	103.2	15.46	10.1	99.3	15.20	10.3	93.3	14.00	10.6	89.1	12.81	10.7
		384	104.7	16.25	11.7	103.8	15.93	11.7	101.2	15.24	11.8	94.9	14.07	12.0	90.8	13.47	12.1
	20	128	105.5	15.84	10.0	103.7	15.14	10.1	99.9	14.53	10.4	93.8	13.28	11.0	89.5	12.61	11.4
		256	107.4	14.93	14.8	106.6	14.92	14.9	103.1	14.43	15.0	96.8	13.61	15.3	92.6	13.04	15.5
		384	107.2	15.12	16.6	106.2	14.83	16.6	104.8	14.66	16.6	98.1	13.72	16.9	93.7	13.23	17.0
	25	128	109.2	14.70	14.4	106.2	14.48	14.7	104.2	14.15	14.9	98.5	13.34	15.5	94.6	12.65	15.8
		256	107.6	14.32	19.8	106.1	14.52	19.9	104.3	14.03	19.9	98.5	13.28	20.2	94.6	12.58	20.4
		384	106.7	14.23	21.5	106.3	13.88	21.6	104.2	13.90	21.6	98.5	13.16	21.8	94.6	12.04	21.9
	30	128	107.0	13.19	19.5	106.2	13.30	19.6	104.2	13.46	19.8	98.6	12.41	20.3	94.7	11.91	20.7
		256	107.0	12.90	24.7	106.2	13.36	24.8	104.2	13.15	24.9	98.7	12.39	25.2	94.6	11.34	25.3
		384	107.0	12.78	26.5	106.2	12.62	26.5	104.3	12.87	26.6	98.7	11.85	26.8	94.6	11.63	26.9
	35	128	107.0	12.41	24.4	106.2	12.82	24.5	104.1	13.31	24.8	98.7	12.11	25.3	94.6	11.21	25.7
		256	107.1	12.46	29.7	106.3	13.05	29.8	104.3	13.09	29.9	98.5	12.17	30.2	94.6	11.18	30.3
		384	107.2	12.26	31.5	106.2	12.57	31.5	104.3	12.78	31.6	98.7	11.63	31.8	94.7	10.70	31.9
	40	128	107.1	11.56	29.3	106.1	11.99	29.5	104.3	12.88	29.8	98.4	11.82	30.3	94.7	10.96	30.6
		256	107.0	11.59	34.7	106.1	12.17	34.7	104.3	12.48	34.9	98.7	11.67	35.1	94.8	10.77	35.3
		384	107.0	11.49	36.4	106.1	11.71	36.5	104.3	12.59	36.6	98.6	11.47	36.7	94.6	10.58	36.9
	45	128	107.1	10.19	34.2	106.2	10.69	34.3	104.1	11.98	34.7	98.5	11.02	35.2	94.6	10.27	35.6
		256	107.1	10.27	39.6	106.1	10.87	39.7	104.2	11.36	39.8	98.5	10.61	40.1	94.6	9.93	40.3
		384	107.0	10.34	41.4	106.2	10.29	41.4	104.3	11.88	41.6	98.7	10.74	41.7	94.6	10.10	41.8
120	10	128	89.0	18.67	2.1	86.7	18.07	2.3	82.8	17.52	2.7	78.1	16.18	3.1	74.6	14.85	3.3
		256	90.1	18.44	6.0	87.9	17.97	6.1	83.9	17.37	6.3	79.4	15.99	6.4	75.7	14.58	6.6
		384	95.4	18.10	7.1	92.1	17.65	7.2	89.6	17.20	7.3	84.7	15.90	7.4	80.7	14.51	7.5
	15	128	97.9	16.38	5.9	95.2	15.79	6.1	91.5	15.21	6.5	86.1	14.14	6.9	81.9	12.96	7.3
		256	99.4	16.08	10.3	97.5	15.72	10.4	93.6	15.18	10.6	88.0	13.98	10.9	83.7	12.63	11.0
		384	99.1	15.85	11.9	96.5	15.43	12.0	94.6	15.23	12.0	89.1	14.06	12.2	84.6	12.72	12.3
	20	128	99.6	15.17	10.5	97.7	14.55	10.7	93.7	13.91	11.1	88.4	12.85	11.5	83.7	12.25	12.0
		256	100.9	14.73	15.2	99.8	14.61	15.2	95.8	14.08	15.4	90.3	13.14	15.7	86.0	12.32	15.9
		384	100.4	14.71	16.8	98.1	14.35	16.9	97.1	14.17	16.9	91.4	13.28	17.1	86.7	12.53	17.2
	25	128	102.5	13.90	15.1	99.1	13.41	15.4	96.7	13.11	15.6	91.3	12.26	16.1	87.6	11.58	16.5
		256	101.4	13.52	20.1	99.3	13.45	20.2	96.6	13.16	20.3	91.3	12.18	20.6	87.5	11.54	20.7
		384	101.1	12.98	21.7	99.2	12.87	21.8	96.6	12.98	21.9	91.3	12.39	22.1	87.6	11.02	22.1
	30	128	101.1	12.23	20.0	99.1	12.31	20.3	96.6	12.26	20.6	91.2	11.13	21.0	87.5	10.66	21.4
		256	101.1	11.95	25.0	99.2	12.16	25.1	96.6	12.05	25.3	91.4	11.12	25.5	87.5	10.12	25.7
		384	101.1	11.53	26.7	99.0	11.54	26.7	96.8	11.74	26.8	91.4	10.90	27.0	87.4	10.39	27.1
	35	128	101.1	11.48	25.0	99.1	11.59	25.2	96.6	11.91	25.5	91.4	10.83	26.0	87.6	9.95	26.3
		256	101.1	11.23	30.0	99.2	11.62	30.1	96.6	11.48	30.2	91.5	10.61	30.5	87.5	9.72	30.6
		384	101.2	10.85	31.6	99.1	11.29	31.7	96.5	11.53	31.8	91.3	10.44	32.0	87.6	9.56	32.1
	40	128	101.1	10.66	29.9	99.1	10.70	30.1	96.7	11.26	30.4	91.3	10.27	30.9	87.6	9.48	31.2
		256	101.2	10.21	34.9	99.3	10.62	35.0	96.6	10.85	35.2	91.4	10.09	35.4	87.6	9.26	35.6
		384	101.2	10.21	36.6	99.2	10.24	36.7	96.6	10.94	36.8	91.3	9.93	37.0	87.6	9.12	37.1
	45	128	101.0	9.40	34.7	99.1	9.35	34.9	96.6	10.20	35.3	91.4	9.31	35.8	87.5	8.64	36.2
		256	101.2	8.81	39.8	99.1	9.22	40.0	96.7	9.79	40.1	91.2	9.09	40.4	87.5	8.45	40.6
		384	101.2	9.20	41.6	99.2	8.81	41.6	96.7	9.93	41.8	91.4	8.94	41.9	87.6	8.32	42.0
110	10	128	85.0	18.90	2.6	82.5	18.17	2.8	78.5	17.55	3.2	74.3	16.19	3.5	70.2	14.87	3.8
		256	85.9	18.49	6.2	82.9	17.97	6.4	79.2	17.33	6.5	75.1	16.01	6.7	70.9	14.57	6.8
		384	90.9	18.26	7.3	88.2	17.66	7.4	84.5	17.07	7.5	79.6	15.76	7.6	75.4	14.52	7.7
	15	128	93.5	16.48	6.4	90.5	15.94	6.6	86.6	15.30	7.0	81.9	14.12	7.4	77.1	12.97	7.8
		256	94.3	15.91	10.6	91.9	15.73	10.7	87.7	15.19	10.9	82.6	13.99	11.2	78.0	12.63	11.3
		384	94.2	15.90	12.1	91.6	15.43	12.2	88.4	14.93	12.3	83.1	13.77	12.4	78.3	12.74	12.6
	20	128	94.5	14.74	11.1	91.7	14.33	11.3	87.8	13.69	11.7	82.6	12.65	12.2	78.1	11.86	12.6
		256	95.0	14.42	15.5	92.7	14.15	15.6	88.9	13.65	15.8	83.8	12.74	16.0	79.1	11.74	16.2
		384	95.2	14.60	17.0	92.5	14.08	17.1	89.7	13.71	17.2	84.3	12.53	17.3	79.9	11.88	17.5
	25	128	95.9	12.97	15.7	92.6	12.60	16.0	89.5	12.36	16.4	84.4	11.41	16.8	80.1	10.56	17.2
		256	95.3	12.75	20.4	92.5	12.53	20.5	89.5	12.25	20.7	84.3	11.34	20.9	80.1	10.48	21.1
		384	95.3	12.94	21.9	92.6	12.52	22.0	89.4	12.04	22.1	84.4	11.52	22.3	80.1	10.00	22.4
	30	128	95.3	10.90	20.5	92.5	11.10	20.9	89.5	10.91	21.2	84.3	10.09	21.7	80.2	9.22	22.1
		256	95.3	10.82	25.3	92.5	10.97	25.4	89.5	10.68	25.6	84.4	10.02	25.8	80.1	8.89	26.0
		384	95.2	10.86	26.9	92.6	10.51	26.9	89.6	10.39	27.0	84.4	9.57	27.2	80.0	9.12	27.4
	35	128	95.4	10.17	25.5	92.5	10.17	25.8	89.4	10.32	26.1	84.3	9.31	26.6	80.1	8.51	27.0
		256	95.2	10.14	30.2	92.4	10.38	30.4	89.3	10.09	30.6	84.3	9.28	30.8	80.1	8.44	31.0
		384	95.3	9.59	31.8	92.5	9.85	31.9	89.4	9.82	32.0	84.2	9.12	32.2	80.1	8.30	32.3
	40	128	95.3	9.20	30.4	92.5	9.45	30.7	89.3	9.67	31.1	84.3	8.75	31.5	80.2	7.99	31.9
		256	95.3	9.17	35.2	92.5	9.39	35.3	89.5	9.23	35.5	84.3	8.74	35.8	80.1	7.99	36.0
		384	95.3	9.13	36.8	92.5	8.92	36.9	89.6	9.32	37.0	84.3	8.25	37.2	80.0	7.52	37.3
	45	128	95.3	7.85	35.2	92.6	8.32	35.6	89.5	8.63	35.9	84.3	7.84	36.4	80.1	7.17	36.8
		256	95.3	7.84	40.1	92.6	8.08	40.3	89.4	8.00	40.4	84.3	7.77	40.7	80.0	7.20	40.9
		384	95.3	8.36	41.8	92.5	7.63	41.8	89.4	8.47	42.0	84.3	7.03	42.1	80.1	6.41	42.2

1-9. AM260FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	128	81.5	19.02	3.0	77.9	18.45	3.3	74.2	17.67	3.7	70.2	16.30	4.0	66.0	14.73	4.3
		256	81.8	18.81	6.5	78.2	18.29	6.6	74.5	17.47	6.8	70.5	16.12	7.0	66.3	14.55	7.1
		384	86.6	18.49	7.5	82.9	17.97	7.6	78.9	17.17	7.7	74.7	15.86	7.8	70.1	14.32	7.9
	15	128	89.5	16.61	6.8	85.8	16.12	7.2	81.9	15.42	7.6	77.3	14.23	7.9	72.5	12.84	8.3
		256	89.5	16.45	10.9	85.8	15.95	11.1	81.9	15.28	11.3	77.3	14.08	11.5	72.5	12.71	11.7
		384	89.5	16.16	12.3	85.8	15.68	12.4	81.9	15.02	12.5	77.3	13.85	12.6	72.5	12.50	12.8
	20	128	89.5	14.63	11.6	85.8	14.19	12.0	81.9	13.56	12.3	77.3	12.51	12.7	72.5	11.31	13.1
		256	89.5	14.48	15.8	85.8	14.06	16.0	81.9	13.49	16.2	77.3	12.41	16.4	72.5	11.20	16.6
		384	89.5	14.24	17.2	85.8	13.81	17.3	81.9	13.22	17.4	77.3	12.19	17.6	72.5	11.01	17.7
	25	128	89.5	12.40	16.4	85.8	12.05	16.7	81.9	11.52	17.1	77.3	10.61	17.5	72.5	9.60	18.0
		256	89.5	12.28	20.7	85.8	11.90	20.9	81.9	11.40	21.1	77.3	10.51	21.3	72.5	9.50	21.5
		384	89.5	12.06	22.1	85.8	11.71	22.2	81.9	11.21	22.4	77.3	10.34	22.5	72.5	9.34	22.6
	30	128	89.5	10.37	21.1	85.8	10.07	21.5	81.9	9.63	21.9	77.3	8.88	22.3	72.5	8.04	22.8
		256	89.5	10.26	25.6	85.8	9.96	25.8	81.9	9.54	25.9	77.3	8.81	26.2	72.5	7.95	26.4
		384	89.5	10.09	27.0	85.8	9.80	27.2	81.9	9.39	27.3	77.3	8.65	27.4	72.5	7.82	27.6
	35	128	89.5	9.43	26.0	85.8	9.15	26.4	81.9	8.75	26.8	77.3	8.07	27.2	72.5	7.29	27.7
		256	89.5	9.34	30.5	85.8	9.07	30.7	81.9	8.67	30.9	77.3	7.99	31.1	72.5	7.23	31.3
		384	89.5	9.17	32.0	85.8	8.91	32.1	81.9	8.52	32.3	77.3	7.86	32.4	72.5	7.10	32.6
	40	128	89.5	8.48	30.9	85.8	8.23	31.3	81.9	7.88	31.7	77.3	7.26	32.2	72.5	6.56	32.6
		256	89.5	8.38	35.5	85.8	8.14	35.7	81.9	7.80	35.9	77.3	7.19	36.1	72.5	6.50	36.3
		384	89.5	8.25	37.0	85.8	8.02	37.1	81.9	7.66	37.2	77.3	7.07	37.4	72.5	6.39	37.5
	45	128	89.5	7.20	35.8	85.8	6.99	36.2	81.9	6.68	36.6	77.3	6.17	37.0	72.5	5.57	37.5
		256	89.5	7.13	40.4	85.8	6.92	40.6	81.9	6.62	40.8	77.3	6.11	41.0	72.5	5.51	41.2
		384	89.5	7.01	41.9	85.8	6.80	42.1	81.9	6.51	42.2	77.3	6.01	42.3	72.5	5.42	42.5
90	10	128	73.4	17.99	3.8	70.1	17.44	4.1	66.8	16.71	4.4	63.1	15.40	4.7	59.3	13.93	4.9
		256	73.7	17.75	6.9	70.4	17.23	7.0	67.1	16.50	7.2	63.5	15.22	7.3	59.6	13.75	7.4
		384	78.0	17.57	7.7	74.6	17.03	7.9	71.1	16.29	8.0	67.2	15.04	8.1	63.1	13.58	8.2
	15	128	80.7	15.72	7.7	77.1	15.27	8.1	73.5	14.61	8.4	69.5	13.48	8.7	65.3	12.16	9.1
		256	80.7	15.53	11.4	77.1	15.06	11.5	73.5	14.40	11.7	69.5	13.29	11.9	65.3	12.01	12.0
		384	80.7	15.35	12.6	77.1	14.89	12.7	73.5	14.25	12.8	69.4	13.13	12.9	65.3	11.88	13.0
	20	128	80.7	13.83	12.5	77.1	13.44	12.9	73.5	12.85	13.2	69.5	11.85	13.5	65.2	10.71	13.9
		256	80.7	13.66	16.2	77.1	13.26	16.4	73.5	12.68	16.6	69.4	11.71	16.8	65.2	10.57	16.9
		384	80.7	13.52	17.5	77.1	13.12	17.6	73.5	12.55	17.7	69.5	11.57	17.8	65.3	10.46	18.0
	25	128	80.7	11.78	17.3	77.1	11.45	17.6	73.5	10.93	18.0	69.5	10.09	18.4	65.4	9.11	18.7
		256	80.7	11.63	21.1	77.1	11.31	21.3	73.5	10.82	21.5	69.5	9.98	21.7	65.3	9.02	21.8
		384	80.7	11.41	22.4	77.1	11.07	22.5	73.5	10.59	22.7	69.4	9.78	22.8	65.2	8.83	22.9
	30	128	80.7	9.83	22.1	77.1	9.53	22.4	73.5	9.12	22.8	69.5	8.42	23.2	65.3	7.61	23.5
		256	80.7	9.72	26.0	77.1	9.45	26.2	73.5	9.02	26.4	69.5	8.32	26.6	65.3	7.52	26.8
		384	80.7	9.61	27.3	77.1	9.34	27.5	73.5	8.93	27.6	69.5	8.24	27.7	65.2	7.43	27.8
	35	128	80.7	8.93	27.0	77.1	8.66	27.3	73.5	8.29	27.7	69.4	7.64	28.1	65.3	6.91	28.5
		256	80.7	8.82	31.0	77.1	8.57	31.2	73.5	8.20	31.3	69.5	7.56	31.5	65.3	6.82	31.7
		384	80.7	8.72	32.3	77.1	8.46	32.4	73.5	8.09	32.6	69.5	7.47	32.7	65.3	6.74	32.8
	40	128	80.7	8.02	31.9	77.1	7.79	32.2	73.5	7.46	32.6	69.4	6.87	33.0	65.3	6.21	33.4
		256	80.7	7.94	35.9	77.1	7.71	36.1	73.5	7.37	36.3	69.5	6.80	36.5	65.3	6.14	36.7
		384	80.7	7.84	37.3	77.1	7.61	37.4	73.5	7.29	37.5	69.4	6.72	37.7	65.3	6.08	37.8
	45	128	80.7	6.81	36.7	77.1	6.61	37.1	73.5	6.33	37.5	69.4	5.84	37.9	65.3	5.27	38.3
		256	80.7	6.74	40.9	77.1	6.54	41.0	73.5	6.26	41.2	69.5	5.77	41.4	65.3	5.22	41.6
		384	80.7	6.67	42.2	77.1	6.47	42.4	73.5	6.19	42.5	69.5	5.70	42.6	65.3	5.16	42.8
80	10	128	65.2	15.98	4.5	62.3	15.53	4.8	59.3	14.86	5.0	56.1	13.71	5.3	52.8	12.36	5.5
		256	65.4	15.83	7.2	62.7	15.35	7.4	59.5	14.70	7.5	56.4	13.57	7.6	53.0	12.25	7.7
		384	69.3	15.70	8.0	66.3	15.23	8.1	63.1	14.58	8.2	59.8	13.44	8.3	56.2	12.14	8.4
	15	128	71.8	13.96	8.5	68.5	13.56	8.8	65.3	12.97	9.1	61.7	11.97	9.4	58.1	10.81	9.7
		256	71.8	13.83	11.8	68.6	13.43	11.9	65.3	12.84	12.1	61.7	11.85	12.2	58.1	10.70	12.3
		384	71.8	13.72	12.8	68.6	13.31	12.9	65.3	12.74	13.0	61.7	11.76	13.1	58.1	10.62	13.2
	20	128	71.8	12.30	13.3	68.7	11.93	13.6	65.3	11.42	14.0	61.7	10.53	14.3	58.1	9.51	14.6
		256	71.7	12.17	16.7	68.6	11.82	16.8	65.3	11.30	17.0	61.7	10.43	17.1	58.1	9.43	17.3
		384	71.8	12.08	17.8	68.7	11.72	17.9	65.3	11.22	18.0	61.7	10.34	18.1	58.1	9.34	18.2
	25	128	71.8	10.54	18.1	68.6	10.23	18.5	65.2	9.79	18.8	61.8	9.02	19.1	58.1	8.15	19.4
		256	71.8	10.39	21.6	68.6	10.08	21.7	65.3	9.65	21.9	61.8	8.91	22.0	58.1	8.03	22.2
		384	71.8	10.21	22.7	68.6	9.90	22.8	65.3	9.47	22.9	61.7	8.75	23.0	58.1	7.90	23.1
	30	128	71.7	8.74	22.9	68.6	8.49	23.3	65.3	8.12	23.6	61.7	7.49	23.9	58.1	6.77	24.3
		256	71.8	8.70	26.5	68.6	8.45	26.6	65.3	8.07	26.8	61.7	7.44	27.0	58.1	6.72	27.1
		384	71.8	8.55	27.6	68.6	8.30	27.8	65.3	7.94	27.9	61.7	7.32	28.0	58.1	6.62	28.1
	35	128	71.8	7.96	27.9	68.6	7.74	28.2	65.3	7.40	28.5	61.7	6.82	28.9	58.1	6.16	29.2
		256	71.8	7.93	31.4	68.6	7.69	31.6	65.4	7.36	31.8	61.7	6.79	31.9	58.1	6.13	32.1
		384	71.8	7.74	32.6	68.7	7.51	32.7	65.3	7.19	32.8	61.7	6.64	32.9	58.1	6.00	33.1
	40	128	71.8	7.17	32.8	68.6	6.96	33.1	65.3	6.66	33.4	61.7	6.14	33.8	58.1	5.55	34.1
		256	71.8	7.13	36.4	68.7	6.92	36.5	65.2	6.62	36.7	61.7	6.11	36.9	58.1	5.52	37.1
		384	71.8	6.97	37.6	68.6	6.76	37.7	65.3	6.47	37.8	61.7	5.97	37.9	58.1	5.39	38.0
	45	128	71.8	6.09	37.6	68.6	5.91	38.0	65.3	5.65	38.3	61.7	5.22	38.7	58.1	4.71	39.0
		256	71.8	6.05	41.3	68.7	5.87	41.5	65.3	5.62	41.7	61.7	5.18	41.8	58.1	4.69	42.0
		384	71.8	5.91	42.5	68.6	5.74	42.7	65.2	5.49	42.8	61.8	5.06	42.9	58.1	4.58	43.0

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	128	57.0	13.26	5.1	54.5	12.85	5.3	51.9	12.31	5.6	49.1	11.35	5.8	46.2	10.26	6.0
		256	57.3	13.19	7.5	54.8	12.82	7.7	52.2	12.25	7.8	49.4	11.30	7.9	46.3	10.21	8.0
		384	60.7	12.89	8.2	58.0	12.51	8.3	55.3	11.97	8.4	52.3	11.04	8.5	49.1	9.97	8.5
	15	128	62.7	11.56	9.3	60.1	11.25	9.5	57.1	10.76	9.8	54.0	9.91	10.1	50.9	8.97	10.3
		256	62.8	11.52	12.1	60.1	11.19	12.3	57.1	10.71	12.4	54.0	9.87	12.5	50.9	8.91	12.7
		384	62.7	11.27	13.1	60.1	10.94	13.2	57.1	10.46	13.3	54.0	9.65	13.3	50.8	8.72	13.4
	20	128	62.7	10.19	14.1	60.1	9.89	14.4	57.1	9.47	14.7	54.0	8.73	14.9	50.9	7.89	15.2
		256	62.7	10.15	17.1	60.1	9.86	17.2	57.1	9.42	17.3	54.0	8.69	17.5	50.8	7.85	17.6
		384	62.7	9.92	18.0	60.1	9.64	18.1	57.1	9.21	18.2	54.0	8.50	18.3	50.8	7.67	18.4
	25	128	62.7	8.69	18.9	60.1	8.42	19.2	57.1	8.06	19.5	54.0	7.44	19.8	50.8	6.72	20.1
		256	62.7	8.61	22.0	60.1	8.36	22.1	57.1	7.99	22.3	54.0	7.37	22.4	50.9	6.67	22.5
		384	62.7	8.45	23.0	60.1	8.20	23.1	57.1	7.84	23.2	54.0	7.24	23.3	50.8	6.54	23.3
	30	128	62.7	7.25	23.8	60.1	7.04	24.1	57.2	6.74	24.4	54.0	6.21	24.6	50.8	5.61	24.9
		256	62.7	7.19	26.9	60.1	6.99	27.0	57.1	6.68	27.2	54.0	6.16	27.3	50.8	5.57	27.5
		384	62.8	7.09	27.9	60.1	6.88	28.0	57.1	6.57	28.1	54.0	6.07	28.2	50.9	5.49	28.3
	35	128	62.7	6.64	28.7	60.1	6.45	29.0	57.1	6.17	29.3	54.0	5.68	29.6	50.9	5.14	29.9
		256	62.7	6.52	31.9	60.1	6.34	32.0	57.1	6.05	32.1	54.0	5.58	32.3	50.8	5.05	32.4
		384	62.7	6.45	32.9	60.1	6.26	33.0	57.1	5.98	33.1	54.0	5.52	33.2	50.8	4.98	33.3
	40	128	62.7	5.97	33.6	60.1	5.80	33.9	57.2	5.55	34.2	54.0	5.11	34.5	50.8	4.62	34.8
		256	62.7	5.86	36.8	60.1	5.69	37.0	57.2	5.45	37.1	54.0	5.02	37.3	50.9	4.54	37.4
		384	62.7	5.79	37.9	60.1	5.62	38.0	57.1	5.38	38.1	54.0	4.97	38.2	50.9	4.48	38.3
	45	128	62.7	5.08	38.5	60.1	4.93	38.8	57.2	4.71	39.1	54.0	4.35	39.4	50.9	3.93	39.7
		256	62.7	4.98	41.8	60.1	4.83	41.9	57.1	4.62	42.1	54.0	4.27	42.2	50.9	3.85	42.4
		384	62.7	4.91	42.8	60.1	4.77	42.9	57.1	4.57	43.0	54.0	4.22	43.1	50.8	3.81	43.2
60	10	128	48.9	10.94	5.7	46.8	10.62	6.0	44.5	10.17	6.2	42.1	9.38	6.3	39.5	8.47	6.5
		256	49.1	10.72	7.8	47.0	10.41	8.0	44.7	9.97	8.1	42.3	9.19	8.1	39.8	8.30	8.2
		384	52.0	10.64	8.5	49.7	10.33	8.5	47.4	9.90	8.6	44.8	9.14	8.7	42.1	8.24	8.7
	15	128	53.9	9.56	10.0	51.4	9.28	10.3	49.1	8.88	10.5	46.4	8.20	10.7	43.5	7.40	11.0
		256	53.9	9.37	12.5	51.4	9.10	12.6	49.1	8.72	12.7	46.4	8.03	12.9	43.5	7.26	13.0
		384	53.9	9.31	13.3	51.5	9.03	13.4	49.1	8.65	13.5	46.4	7.98	13.6	43.5	7.20	13.6
	20	128	53.9	8.41	14.9	51.5	8.17	15.1	49.1	7.82	15.4	46.4	7.21	15.6	43.5	6.52	15.9
		256	53.9	8.26	17.4	51.4	8.01	17.6	49.1	7.66	17.7	46.4	7.07	17.8	43.5	6.39	17.9
		384	53.9	8.19	18.3	51.4	7.96	18.4	49.1	7.62	18.5	46.4	7.02	18.5	43.5	6.34	18.6
	25	128	53.9	7.13	19.8	51.5	6.92	20.0	49.1	6.62	20.2	46.4	6.11	20.5	43.5	5.52	20.7
		256	53.9	7.02	22.4	51.4	6.83	22.5	49.1	6.52	22.6	46.4	6.02	22.7	43.5	5.44	22.9
		384	53.9	6.90	23.2	51.4	6.72	23.3	49.1	6.42	23.4	46.4	5.93	23.5	43.5	5.35	23.6
	30	128	53.9	5.92	24.6	51.4	5.76	24.9	49.1	5.51	25.1	46.4	5.07	25.4	43.5	4.59	25.6
		256	53.9	5.84	27.3	51.4	5.68	27.4	49.1	5.43	27.6	46.4	5.01	27.7	43.5	4.53	27.8
		384	53.9	5.79	28.2	51.5	5.61	28.3	49.1	5.38	28.4	46.4	4.96	28.5	43.5	4.48	28.5
	35	128	53.9	5.38	29.6	51.4	5.22	29.8	49.1	5.00	30.1	46.4	4.61	30.3	43.5	4.16	30.6
		256	53.9	5.37	32.3	51.4	5.21	32.4	49.1	4.99	32.5	46.4	4.60	32.7	43.5	4.16	32.8
		384	53.9	5.27	33.2	51.4	5.12	33.3	49.1	4.90	33.4	46.4	4.51	33.4	43.5	4.08	33.5
	40	128	53.9	4.84	34.5	51.4	4.70	34.8	49.1	4.49	35.0	46.4	4.15	35.3	43.5	3.74	35.5
		256	53.9	4.83	37.3	51.4	4.69	37.4	49.1	4.49	37.5	46.4	4.14	37.6	43.5	3.74	37.8
		384	53.9	4.74	38.2	51.4	4.60	38.3	49.1	4.40	38.3	46.4	4.06	38.4	43.5	3.67	38.5
	45	128	53.9	4.11	39.4	51.4	3.98	39.7	49.1	3.81	39.9	46.4	3.52	40.2	43.5	3.18	40.5
		256	53.9	4.10	42.2	51.4	3.98	42.3	49.1	3.81	42.5	46.4	3.52	42.6	43.5	3.17	42.7
		384	53.9	4.03	43.1	51.5	3.91	43.2	49.1	3.74	43.3	46.4	3.45	43.4	43.5	3.12	43.5
50	10	128	40.8	8.35	6.4	39.0	8.12	6.5	37.1	7.76	6.7	35.1	7.15	6.9	32.9	6.46	7.0
		256	40.9	8.28	8.2	39.2	8.02	8.3	37.3	7.67	8.3	35.3	7.09	8.4	33.1	6.40	8.5
		384	43.3	8.23	8.7	41.4	7.98	8.8	39.4	7.64	8.8	37.3	7.05	8.9	35.1	6.36	8.9
	15	128	44.9	7.30	10.8	42.9	7.08	11.0	40.9	6.77	11.2	38.7	6.25	11.4	36.4	5.64	11.6
		256	44.9	7.23	12.9	42.9	7.01	13.0	40.9	6.71	13.1	38.7	6.19	13.2	36.4	5.59	13.3
		384	44.9	7.19	13.6	42.9	6.98	13.7	40.9	6.67	13.7	38.7	6.16	13.8	36.4	5.56	13.8
	20	128	44.9	6.42	15.7	42.9	6.23	15.9	40.9	5.97	16.1	38.7	5.50	16.3	36.4	4.97	16.5
		256	44.9	6.36	17.8	42.9	6.18	17.9	40.9	5.91	18.0	38.7	5.45	18.1	36.4	4.92	18.2
		384	44.9	6.32	18.6	42.9	6.14	18.6	40.9	5.87	18.7	38.7	5.42	18.8	36.4	4.90	18.8
	25	128	44.9	5.47	20.6	42.9	5.32	20.8	40.9	5.08	21.0	38.7	4.69	21.2	36.4	4.23	21.4
		256	44.9	5.35	22.8	42.9	5.20	22.9	40.9	4.97	23.0	38.7	4.59	23.1	36.4	4.14	23.2
		384	44.9	5.38	23.5	42.9	5.22	23.6	40.9	4.99	23.7	38.7	4.60	23.7	36.4	4.16	23.8
	30	128	44.9	4.60	25.5	42.9	4.47	25.7	40.9	4.27	25.9	38.7	3.95	26.1	36.4	3.56	26.3
		256	44.9	4.51	27.7	42.9	4.37	27.8	40.9	4.18	27.9	38.7	3.86	28.0	36.4	3.49	28.2
		384	44.9	4.48	28.5	42.9	4.35	28.6	40.9	4.16	28.6	38.7	3.84	28.7	36.4	3.47	28.8
	35	128	44.9	4.17	30.4	42.9	4.05	30.6	40.9	3.88	30.9	38.7	3.58	31.1	36.4	3.23	31.3
		256	44.9	4.10	32.7	42.9	3.97	32.8	40.9	3.80	32.9	38.7	3.51	33.0	36.4	3.17	33.1
		384	44.9	4.03	33.5	42.9	3.92	33.5	40.9	3.74	33.6	38.7	3.46	33.7	36.4	3.12	33.8
	40	128	44.9	3.76	35.4	42.9	3.65	35.6	40.9	3.49	35.8	38.7	3.22	36.0	36.4	2.91	36.2
		256	44.9	3.68	37.7	42.9	3.57	37.8	40.9	3.42	37.9	38.7	3.16	38.0	36.4	2.85	38.1
		384	44.9	3.63	38.5	42.9	3.52	38.5	40.9	3.37	38.6	38.7	3.11	38.7	36.4	2.81	38.7
	45	128	44.9	3.19	40.3	42.9	3.10	40.5	40.9	2.96	40.8	38.7	2.73	41.0	36.4	2.47	41.2
		256	44.9	3.12	42.7	42.9	3.03	42.8	40.9	2.90	42.9	38.7	2.68	43.0	36.4	2.42	43.1
		384	44.9	3.08	43.4	42.9	2.99	43.5	40.9	2.86	43.6	38.7	2.64	43.7	36.4	2.38	43.7

1-10. AM280FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	135	78.4	5.54	18.9	86.3	6.59	19.9	92.8	7.23	20.6	99.4	7.68	21.4	102.0	7.76	21.7
		270	78.4	5.41	14.5	86.4	6.39	14.9	92.9	7.12	15.3	99.4	7.50	15.7	102.1	7.64	15.8
		405	78.5	5.35	13.0	86.2	6.30	13.3	93.0	6.92	13.5	99.3	7.27	13.8	102.2	7.46	13.9
	15	135	77.0	7.13	23.9	84.9	8.48	24.9	91.6	9.42	25.7	97.7	9.87	26.4	100.3	10.08	26.7
		270	77.1	7.03	19.5	84.9	8.29	19.9	91.5	9.25	20.3	97.7	9.72	20.7	100.4	9.92	20.9
		405	77.0	6.86	18.0	84.8	8.09	18.3	91.6	8.96	18.6	97.7	9.39	18.8	100.4	9.69	18.9
	20	135	76.0	8.52	29.0	83.8	9.99	30.0	90.4	11.13	30.8	96.2	11.69	31.5	99.0	11.92	31.8
		270	76.0	8.35	24.5	83.9	9.81	25.0	90.5	10.95	25.4	96.4	11.54	25.7	99.1	11.77	25.9
		405	75.9	8.07	23.0	83.8	9.52	23.3	90.3	10.66	23.6	96.2	11.10	23.8	99.0	11.44	23.9
	25	135	76.0	10.70	34.2	83.8	12.60	35.2	90.3	14.03	36.1	96.2	14.73	36.8	99.1	15.00	37.1
		270	76.0	10.53	29.6	83.9	12.41	30.1	90.4	13.77	30.5	96.3	14.54	30.9	99.2	14.77	31.0
		405	76.0	10.18	28.1	83.8	12.01	28.4	90.5	13.41	28.7	96.3	14.06	28.9	99.1	14.44	29.0
	30	135	76.0	12.54	39.4	83.8	14.77	40.5	90.4	16.45	41.3	96.3	17.25	42.1	99.1	17.60	42.4
		270	76.0	12.34	34.7	83.8	14.54	35.2	90.3	16.21	35.7	96.3	17.01	36.0	99.1	17.35	36.2
		405	76.0	11.95	33.1	83.8	14.06	33.5	90.4	15.67	33.8	96.4	16.46	34.0	99.1	16.89	34.1
	35	135	71.8	13.05	44.0	79.4	15.38	45.1	85.4	17.17	45.9	91.4	17.98	46.6	93.6	18.30	46.9
		270	71.9	12.79	39.5	79.3	15.09	40.0	85.4	16.81	40.4	91.5	17.73	40.8	93.5	18.10	40.9
		405	71.8	12.48	38.0	79.4	14.65	38.3	85.5	16.30	38.6	91.4	17.14	38.8	93.7	17.57	38.9
	40	135	60.0	13.60	47.8	66.2	16.02	48.7	71.3	17.85	49.5	76.3	18.74	50.1	78.4	19.10	50.4
		270	60.5	13.38	43.9	66.7	15.75	44.4	71.9	17.53	44.8	76.8	18.43	45.1	79.0	18.85	45.2
		405	61.4	12.96	42.6	67.5	15.20	42.9	72.8	17.03	43.2	78.0	17.86	43.4	80.2	18.38	43.5
	45	135	50.1	14.06	51.8	54.9	16.53	52.6	58.9	18.46	53.2	63.3	19.31	53.8	65.1	19.73	54.0
		270	50.6	13.83	48.4	55.3	16.29	48.8	59.6	18.11	49.1	63.8	19.10	49.4	65.5	19.48	49.5
		405	51.2	13.37	47.3	56.2	15.72	47.5	60.4	17.58	47.8	64.7	18.44	47.9	66.5	18.99	48.0
120	10	135	74.3	5.26	18.4	81.8	6.24	19.3	88.2	6.86	20.1	94.1	7.25	20.8	96.5	7.34	21.0
		270	74.3	5.19	14.2	81.8	6.12	14.7	88.2	6.74	15.0	94.1	7.09	15.4	96.6	7.24	15.5
		405	74.4	4.95	12.8	81.9	5.97	13.1	88.2	6.53	13.4	94.1	6.89	13.6	96.6	7.13	13.7
	15	135	73.5	6.84	23.5	80.7	8.08	24.4	87.1	9.03	25.2	93.1	9.44	25.9	95.5	9.61	26.2
		270	73.6	6.74	19.3	80.7	7.92	19.7	87.0	8.86	20.1	92.9	9.27	20.4	95.4	9.46	20.6
		405	73.4	6.52	17.8	80.8	7.73	18.1	87.1	8.56	18.4	93.0	8.99	18.6	95.5	9.28	18.7
	20	135	72.7	8.19	28.6	79.9	9.61	29.5	86.3	10.68	30.3	92.2	11.25	31.0	94.6	11.46	31.3
		270	72.7	8.01	24.3	79.8	9.43	24.7	86.2	10.55	25.1	92.2	11.08	25.5	94.6	11.26	25.6
		405	72.7	7.78	22.8	79.9	9.18	23.2	86.2	10.23	23.4	92.2	10.69	23.6	94.6	10.98	23.7
	25	135	72.7	10.28	33.8	79.8	12.07	34.8	86.3	13.42	35.6	92.1	14.12	36.3	94.5	14.39	36.6
		270	72.7	10.07	29.4	79.9	11.91	29.9	86.2	13.22	30.3	92.0	13.90	30.6	94.5	14.16	30.8
		405	72.6	9.74	27.9	79.9	11.50	28.2	86.3	12.87	28.5	92.1	13.47	28.7	94.5	13.79	28.8
	30	135	72.7	12.13	39.0	79.8	14.26	40.0	86.3	15.88	40.8	92.2	16.68	41.6	94.6	16.99	41.9
		270	72.6	11.91	34.5	79.9	13.99	35.0	86.3	15.68	35.4	92.1	16.40	35.8	94.5	16.73	35.9
		405	72.6	11.52	33.0	79.9	13.57	33.3	86.3	15.13	33.6	92.1	15.93	33.8	94.6	16.29	33.9
	35	135	69.8	12.76	43.8	76.9	15.06	44.8	83.2	16.82	45.6	88.4	17.59	46.3	91.0	17.93	46.6
		270	69.7	12.54	39.4	77.0	14.79	39.9	83.1	16.46	40.3	88.6	17.34	40.6	91.0	17.69	40.8
		405	69.7	12.19	37.9	77.0	14.36	38.2	83.1	15.95	38.5	88.5	16.74	38.7	90.9	17.19	38.8
	40	135	59.4	13.56	47.8	65.7	16.00	48.7	70.7	17.80	49.4	75.3	18.71	50.0	77.6	19.10	50.3
		270	60.0	13.36	43.9	66.0	15.72	44.3	71.3	17.50	44.7	76.0	18.40	45.0	78.2	18.78	45.1
		405	60.9	12.91	42.6	66.9	15.25	42.9	72.2	17.01	43.2	77.1	17.85	43.4	79.4	18.31	43.5
	45	135	50.5	14.26	51.9	56.0	16.78	52.7	60.2	18.77	53.4	64.3	19.61	53.9	66.1	20.07	54.1
		270	51.0	14.06	48.5	56.4	16.51	48.9	61.0	18.40	49.2	64.8	19.37	49.5	66.6	19.77	49.6
		405	51.7	13.56	47.3	57.2	16.05	47.6	61.8	17.86	47.8	65.8	18.79	48.0	67.5	19.19	48.1
110	10	135	70.1	4.93	18.0	77.0	5.90	18.8	83.1	6.47	19.5	88.7	6.86	20.1	90.9	6.93	20.4
		270	70.2	4.86	14.0	77.0	5.73	14.4	83.1	6.35	14.7	88.7	6.73	15.1	91.1	6.79	15.2
		405	70.2	4.72	12.7	77.0	5.58	12.9	83.2	6.23	13.2	88.7	6.50	13.4	91.0	6.68	13.5
	15	135	69.6	6.51	23.1	76.6	7.71	23.9	82.6	8.61	24.7	88.4	9.00	25.3	90.7	9.20	25.6
		270	69.5	6.42	19.0	76.4	7.55	19.5	82.7	8.44	19.8	88.3	8.88	20.2	90.7	9.02	20.3
		405	69.6	6.23	17.7	76.5	7.35	18.0	82.5	8.21	18.2	88.3	8.58	18.4	90.8	8.80	18.5
	20	135	69.3	7.87	28.2	76.3	9.22	29.1	82.3	10.28	29.8	87.6	10.78	30.4	90.1	10.98	30.7
		270	69.3	7.70	24.1	76.3	9.05	24.5	82.4	10.10	24.9	87.7	10.61	25.2	90.1	10.82	25.4
		405	69.2	7.48	22.7	76.1	8.79	23.0	82.2	9.83	23.3	87.8	10.28	23.5	90.2	10.50	23.6
	25	135	69.3	9.85	33.4	76.2	11.56	34.3	82.3	12.86	35.1	87.7	13.47	35.7	90.2	13.73	36.0
		270	69.2	9.68	29.2	76.1	11.38	29.6	82.3	12.65	30.0	87.6	13.28	30.4	90.1	13.51	30.5
		405	69.4	9.34	27.8	76.1	10.99	28.1	82.4	12.29	28.4	87.7	12.89	28.6	90.2	13.14	28.7
	30	135	69.3	11.68	38.6	76.2	13.75	39.6	82.4	15.31	40.4	87.6	16.09	41.0	90.2	16.37	41.3
		270	69.3	11.49	34.3	76.2	13.51	34.8	82.3	15.09	35.2	87.6	15.82	35.5	90.1	16.09	35.6
		405	69.2	11.12	32.8	76.2	13.10	33.2	82.3	14.62	33.4	87.7	15.31	33.6	90.1	15.67	33.7
	35	135	67.7	12.50	43.5	75.0	14.75	44.5	80.6	16.45	45.3	86.2	17.20	46.0	88.3	17.52	46.2
		270	67.7	12.26	39.2	74.8	14.45	39.7	80.4	16.12	40.1	86.1	16.94	40.5	88.3	17.28	40.6
		405	67.7	11.92	37.8	74.8	14.02	38.1	80.5	15.59	38.4	86.1	16.38	38.6	88.3	16.75	38.7
	40	135	59.0	13.57	47.7	65.0	15.99	48.6	69.9	17.80	49.3	74.9	18.67	49.9	77.1	19.06	50.2
		270	59.4	13.31	43.9	65.6	15.69	44.3	70.5	17.51	44.7	75.5	18.33	45.0	77.6	18.75	45.1
		405	60.4	12.91	42.6	66.3	15.20	42.9	71.3	16.98	43.1	76.6	17.82	43.3	78.7	18.20	43.4
	45	135	51.6	14.56	52.0	56.8	17.07	52.8	61.0	19.08	53.5	65.6	19.94	54.1	67.4	20.38	54.3
		270	52.1	14.24	48.5	57.2	16.80	48.9	61.7	18.71	49.3	66.1	19.71	49.6	67.9	20.05	49.7
		405	52.7	13.77	47.4	58.1	16.31	47.6	62.5	18.14	47.9	67.1	19.10	48.1	68.9	19.44	48.1

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	135	65.9	4.69	17.5	72.8	5.51	18.3	78.4	6.15	19.0	83.8	6.46	19.6	86.0	6.58	19.8
		270	65.9	4.61	13.7	72.8	5.42	14.2	78.4	6.05	14.5	83.8	6.34	14.8	86.0	6.46	14.9
		405	65.9	4.46	12.5	72.8	5.26	12.8	78.4	5.86	13.0	83.8	6.14	13.2	86.0	6.26	13.3
	15	135	65.9	6.25	22.7	72.8	7.37	23.5	78.4	8.22	24.2	83.8	8.62	24.8	86.0	8.77	25.1
		270	65.9	6.15	18.8	72.8	7.25	19.2	78.4	8.07	19.6	83.8	8.46	19.9	86.0	8.62	20.0
		405	65.9	5.96	17.5	72.8	7.02	17.8	78.4	7.83	18.1	83.8	8.19	18.3	86.0	8.36	18.3
	20	135	65.9	7.54	27.8	72.8	8.89	28.7	78.4	9.88	29.4	83.8	10.38	30.0	86.0	10.57	30.3
		270	65.9	7.41	23.9	72.8	8.73	24.3	78.4	9.71	24.7	83.8	10.19	25.0	86.0	10.40	25.1
		405	65.9	7.18	22.6	72.8	8.45	22.9	78.4	9.43	23.1	83.8	9.89	23.3	86.0	10.07	23.4
	25	135	65.9	9.40	33.0	72.8	11.05	33.9	78.4	12.32	34.6	83.8	12.93	35.3	86.0	13.18	35.5
		270	65.9	9.23	29.0	72.8	10.88	29.4	78.4	12.10	29.8	83.8	12.72	30.1	86.0	12.95	30.3
		405	65.9	8.96	27.7	72.8	10.53	27.9	78.4	11.76	28.2	83.8	12.33	28.4	86.0	12.54	28.5
	30	135	65.9	11.29	38.2	72.8	13.30	39.1	78.4	14.80	39.9	83.8	15.53	40.5	86.0	15.85	40.8
		270	65.9	11.09	34.1	72.8	13.07	34.6	78.4	14.61	34.9	83.8	15.26	35.3	86.0	15.55	35.4
		405	65.9	10.77	32.7	72.8	12.66	33.0	78.4	14.12	33.3	83.8	14.80	33.5	86.0	15.09	33.6
	35	135	65.9	12.26	43.3	72.8	14.44	44.3	78.4	16.11	45.0	83.8	16.89	45.7	86.0	17.21	46.0
		270	65.9	12.05	39.1	72.8	14.18	39.6	78.4	15.80	40.0	83.8	16.60	40.3	86.0	16.92	40.5
		405	65.9	11.69	37.7	72.8	13.75	38.1	78.4	15.33	38.3	83.8	16.07	38.5	86.0	16.37	38.6
	40	135	58.6	13.59	47.7	64.7	16.01	48.6	69.6	17.83	49.3	74.5	18.72	49.9	76.5	19.07	50.1
		270	59.0	13.37	43.8	65.2	15.73	44.3	70.1	17.53	44.7	75.1	18.38	45.0	77.1	18.74	45.1
		405	60.0	12.95	42.6	66.1	15.23	42.9	71.1	16.99	43.1	76.3	17.84	43.3	78.2	18.16	43.4
	45	135	52.6	14.81	52.2	58.0	17.40	53.0	62.3	19.43	53.7	66.9	20.34	54.3	68.7	20.75	54.5
		270	53.1	14.55	48.6	58.5	17.14	49.0	63.0	19.08	49.4	67.5	20.03	49.6	69.2	20.39	49.8
		405	53.8	14.10	47.4	59.4	16.61	47.7	63.8	18.50	47.9	68.5	19.41	48.1	70.2	19.75	48.2
90	10	135	59.3	4.43	16.8	65.4	5.23	17.5	70.4	5.82	18.1	75.5	6.10	18.7	77.4	6.22	18.9
		270	59.3	4.35	13.4	65.4	5.12	13.7	70.4	5.70	14.0	75.5	5.98	14.3	77.4	6.10	14.4
		405	59.3	4.24	12.2	65.4	5.00	12.5	70.4	5.56	12.7	75.5	5.84	12.9	77.4	5.94	12.9
	15	135	59.3	5.92	21.9	65.4	6.97	22.7	70.4	7.76	23.3	75.5	8.14	23.9	77.4	8.30	24.1
		270	59.3	5.81	18.5	65.4	6.84	18.8	70.4	7.62	19.1	75.5	7.98	19.4	77.4	8.14	19.5
		405	59.3	5.66	17.3	65.4	6.67	17.6	70.4	7.43	17.8	75.5	7.79	17.9	77.4	7.93	18.0
	20	135	59.3	7.14	27.1	65.4	8.41	27.8	70.4	9.36	28.5	75.5	9.83	29.1	77.4	10.00	29.3
		270	59.3	7.00	23.5	65.4	8.25	23.9	70.4	9.17	24.2	75.5	9.62	24.5	77.4	9.80	24.6
		405	59.3	6.82	22.3	65.4	8.03	22.6	70.4	8.95	22.8	75.5	9.38	23.0	77.4	9.57	23.1
	25	135	59.3	8.93	32.2	65.4	10.51	33.1	70.4	11.71	33.7	75.5	12.29	34.3	77.4	12.51	34.5
		270	59.3	8.77	28.6	65.4	10.32	29.0	70.4	11.49	29.3	75.5	12.07	29.6	77.4	12.29	29.8
		405	59.3	8.46	27.4	65.4	9.98	27.7	70.4	11.10	27.9	75.5	11.64	28.1	77.4	11.87	28.2
	30	135	59.3	10.69	37.4	65.4	12.60	38.3	70.4	14.04	39.0	75.5	14.73	39.6	77.4	15.00	39.8
		270	59.3	10.50	33.7	65.4	12.37	34.1	70.4	13.77	34.5	75.5	14.47	34.8	77.4	14.71	34.9
		405	59.3	10.22	32.5	65.4	12.05	32.7	70.4	13.44	33.0	75.5	14.09	33.2	77.4	14.35	33.2
	35	135	59.3	11.61	42.5	65.4	13.67	43.4	70.4	15.22	44.1	75.5	15.97	44.7	77.4	16.29	44.9
		270	59.3	11.40	38.8	65.4	13.42	39.2	70.4	14.94	39.5	75.5	15.69	39.8	77.4	15.97	40.0
		405	59.3	11.11	37.5	65.4	13.06	37.8	70.4	14.57	38.0	75.5	15.29	38.2	77.4	15.58	38.3
	40	135	52.8	12.86	47.0	58.2	15.16	47.8	62.5	16.86	48.4	67.1	17.69	49.0	68.8	18.02	49.2
		270	53.1	12.63	43.5	58.7	14.87	43.9	63.0	16.59	44.2	67.7	17.38	44.5	69.3	17.70	44.6
		405	53.9	12.31	42.3	59.5	14.50	42.6	64.0	16.13	42.8	68.6	16.95	43.0	70.4	17.25	43.1
	45	135	47.3	13.99	51.5	52.2	16.51	52.3	56.2	18.37	52.9	60.3	19.28	53.4	61.8	19.64	53.6
		270	47.7	13.74	48.3	52.7	16.20	48.7	56.6	18.04	49.0	60.7	18.91	49.2	62.2	19.26	49.3
		405	59.3	4.45	47.3	53.4	15.77	47.4	57.4	17.58	47.7	61.7	18.44	47.8	63.1	18.78	47.9
80	10	135	52.8	3.87	16.0	58.2	4.64	16.7	62.6	5.17	17.2	67.0	5.43	17.7	68.8	5.53	17.9
		270	52.8	3.76	13.0	58.2	4.57	13.3	62.6	5.09	13.6	67.0	5.33	13.8	68.8	5.44	13.9
		405	52.8	5.31	12.1	58.2	4.46	12.2	62.6	4.97	12.4	67.0	5.22	12.6	68.8	5.32	12.6
	15	135	52.8	5.18	21.2	58.2	6.20	21.8	62.6	6.90	22.4	67.0	7.24	22.9	68.8	7.37	23.1
		270	52.8	5.02	18.1	58.2	6.09	18.4	62.6	6.78	18.7	67.0	7.12	18.9	68.8	7.25	19.0
		405	52.8	6.40	17.1	58.2	5.96	17.3	62.6	6.63	17.5	67.0	6.96	17.6	68.8	7.10	17.7
	20	135	52.8	6.24	26.3	58.2	7.46	27.0	62.6	8.32	27.5	67.0	8.73	28.0	68.8	8.88	28.2
		270	52.8	6.04	23.1	58.2	7.34	23.5	62.6	8.19	23.8	67.0	8.57	24.0	68.8	8.75	24.1
		405	52.8	7.97	22.2	58.2	7.17	22.3	62.6	7.99	22.5	67.0	8.40	22.7	68.8	8.54	22.7
	25	135	52.8	7.84	31.4	58.2	9.40	32.2	62.6	10.48	32.8	67.0	11.00	33.3	68.8	11.20	33.5
		270	52.8	7.58	28.2	58.2	9.21	28.6	62.6	10.24	28.9	67.0	10.74	29.1	68.8	10.96	29.2
		405	52.8	9.54	27.2	58.2	8.91	27.4	62.6	9.93	27.6	67.0	10.41	27.7	68.8	10.60	27.8
	30	135	52.8	9.34	36.6	58.2	11.20	37.4	62.6	12.48	38.0	67.0	13.08	38.5	68.8	13.32	38.7
		270	52.8	9.10	33.3	58.2	11.07	33.7	62.6	12.32	34.0	67.0	12.92	34.2	68.8	13.17	34.4
		405	52.8	10.39	32.2	58.2	10.73	32.4	62.6	11.94	32.6	67.0	12.53	32.8	68.8	12.77	32.9
	35	135	52.8	10.21	41.7	58.2	12.22	42.5	62.6	13.62	43.1	67.0	14.26	43.6	68.8	14.54	43.8
		270	52.8	9.92	38.3	58.2	12.06	38.7	62.6	13.43	39.0	67.0	14.10	39.3	68.8	14.37	39.4
		405	46.9	11.46	37.1	58.2	11.60	37.5	62.6	12.93	37.7	67.0	13.58	37.9	68.8	13.82	37.9
	40	135	47.2	11.30	46.2	51.7	13.55	46.9	55.6	15.07	47.5	59.6	15.82	48.0	61.1	16.11	48.2
		270	47.9	11.00	43.1	52.1	13.37	43.5	56.0	14.89	43.8	60.1	15.63	44.0	61.7	15.91	44.1
		405	42.1	12.47	41.9	52.8	12.87	42.3	56.9	14.33	42.5	61.0	15.02	42.7	62.5	15.33	42.8
	45	135	42.4	12.29	50.8	46.4	14.72	51.5	49.9	16.41	52.0	53.6	17.21	52.5	54.9	17.56	52.7
		270	43.0	11.97	47.9	46.8	14.56	48.3	50.3	16.19	48.5	54.0	17.00	48.8	55.4	17.33	48.9
		405	47.5	3.74	46.8	47.4	14.00	47.2	51.1	15.60	47.4	54.8	16.36	47.5	56.2	16.67	47.6

1-10. AM280FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	135	46.2	3.27	15.3	51.0	3.85	15.8	54.7	4.29	16.3	58.7	4.50	16.7	60.2	4.58	16.9
		270	46.2	3.23	12.6	51.0	3.80	12.9	54.7	4.24	13.1	58.7	4.44	13.4	60.2	4.53	13.4
		405	46.2	3.11	11.7	51.0	3.66	11.9	54.7	4.08	12.1	58.7	4.28	12.2	60.2	4.36	12.3
	15	135	46.2	4.36	20.4	51.0	5.13	21.0	54.7	5.72	21.4	58.7	6.01	21.9	60.2	6.12	22.0
		270	46.2	4.31	17.7	51.0	5.08	18.0	54.7	5.66	18.2	58.7	5.93	18.4	60.2	6.05	18.5
		405	46.2	4.15	16.8	51.0	4.89	17.0	54.7	5.45	17.1	58.7	5.72	17.3	60.2	5.82	17.3
	20	135	46.2	5.26	25.5	51.0	6.19	26.1	54.7	6.90	26.5	58.7	7.24	27.0	60.2	7.37	27.2
		270	46.2	5.20	22.7	51.0	6.12	23.0	54.7	6.82	23.3	58.7	7.14	23.5	60.2	7.29	23.6
		405	46.2	5.01	21.8	51.0	5.90	22.0	54.7	6.57	22.2	58.7	6.88	22.3	60.2	7.02	22.4
	25	135	46.2	6.57	30.6	51.0	7.73	31.2	54.7	8.62	31.7	58.7	9.05	32.2	60.2	9.22	32.4
		270	46.2	6.48	27.8	51.0	7.62	28.1	54.7	8.49	28.4	58.7	8.91	28.6	60.2	9.07	28.7
		405	46.2	6.27	26.9	51.0	7.38	27.1	54.7	8.21	27.2	58.7	8.63	27.4	60.2	8.79	27.4
	30	135	46.2	7.89	35.7	51.0	9.30	36.4	54.7	10.36	36.9	58.7	10.87	37.4	60.2	11.08	37.6
		270	46.2	7.77	32.9	51.0	9.15	33.2	54.7	10.19	33.4	58.7	10.69	33.7	60.2	10.88	33.8
		405	46.2	7.55	31.9	51.0	8.89	32.1	54.7	9.90	32.3	58.7	10.38	32.4	60.2	10.59	32.5
	35	135	46.2	8.64	40.8	51.0	10.19	41.5	54.7	11.36	42.0	58.7	11.89	42.5	60.2	12.13	42.7
		270	46.2	8.42	37.9	51.0	9.92	38.2	54.7	11.06	38.5	58.7	11.59	38.7	60.2	11.81	38.8
		405	46.2	8.21	36.9	51.0	9.65	37.1	54.7	10.76	37.3	58.7	11.28	37.5	60.2	11.50	37.5
	40	135	41.0	9.57	45.4	45.3	11.28	46.0	48.6	12.58	46.5	52.2	13.18	46.9	53.5	13.44	47.1
		270	41.3	9.35	42.7	45.7	10.99	43.0	49.1	12.24	43.3	52.7	12.84	43.5	54.0	13.10	43.6
		405	41.9	9.09	41.8	46.3	10.71	42.0	49.7	11.93	42.2	53.4	12.51	42.3	54.8	12.74	42.4
	45	135	36.8	10.43	50.0	40.7	12.28	50.6	43.7	13.67	51.1	46.9	14.36	51.5	48.1	14.62	51.7
		270	37.1	10.16	47.5	41.0	11.97	47.8	44.0	13.33	48.0	47.2	13.99	48.3	48.4	14.24	48.3
		405	37.6	9.90	46.7	41.6	11.66	46.9	44.7	12.98	47.0	47.9	13.62	47.2	49.1	13.86	47.2
60	10	135	39.6	2.70	14.5	43.7	3.18	15.0	46.9	3.54	15.4	50.4	3.71	15.7	51.6	3.79	15.9
		270	39.6	2.62	12.2	43.7	3.09	12.5	46.9	3.45	12.7	50.4	3.62	12.9	51.6	3.68	12.9
		405	39.6	2.57	11.5	43.7	3.03	11.7	46.9	3.37	11.8	50.4	3.53	11.9	51.6	3.61	12.0
	15	135	39.6	3.60	19.6	43.7	4.24	20.1	46.9	4.72	20.5	50.4	4.95	20.9	51.6	5.06	21.0
		270	39.6	3.51	17.3	43.7	4.13	17.5	46.9	4.60	17.7	50.4	4.82	17.9	51.6	4.92	18.0
		405	39.6	3.43	16.5	43.7	4.04	16.7	46.9	4.50	16.8	50.4	4.72	17.0	51.6	4.82	17.0
	20	135	39.6	4.34	24.7	43.7	5.11	25.2	46.9	5.69	25.6	50.4	5.97	26.0	51.6	6.09	26.1
		270	39.6	4.23	22.3	43.6	4.97	22.6	46.9	5.54	22.8	50.4	5.82	23.0	51.6	5.93	23.1
		405	39.6	4.13	21.5	43.7	4.88	21.7	46.9	5.42	21.9	50.3	5.69	22.0	51.6	5.80	22.0
	25	135	39.6	5.40	29.8	43.7	6.36	30.3	46.9	7.10	30.7	50.4	7.43	31.1	51.6	7.57	31.3
		270	39.6	5.29	27.4	43.7	6.23	27.6	46.9	6.93	27.9	50.3	7.28	28.1	51.6	7.42	28.1
		405	39.6	5.13	26.6	43.7	6.04	26.8	46.9	6.73	26.9	50.4	7.05	27.0	51.6	7.18	27.1
	30	135	39.6	6.45	34.9	43.7	7.59	35.4	46.9	8.48	35.9	50.4	8.87	36.3	51.7	9.05	36.4
		270	39.6	6.32	32.4	43.6	7.44	32.7	46.9	8.30	32.9	50.4	8.69	33.1	51.7	8.87	33.2
		405	39.6	6.16	31.6	43.7	7.25	31.8	46.9	8.07	31.9	50.4	8.47	32.1	51.6	8.63	32.1
	35	135	39.6	7.00	39.9	43.7	8.24	40.5	46.9	9.19	41.0	50.4	9.63	41.4	51.6	9.82	41.5
		270	39.6	6.94	37.5	43.7	8.17	37.8	46.9	9.11	38.0	50.4	9.56	38.2	51.6	9.72	38.3
		405	39.6	6.71	36.6	43.7	7.92	36.8	46.9	8.81	37.0	50.4	9.25	37.1	51.6	9.42	37.2
	40	135	35.1	7.76	44.6	38.8	9.13	45.1	41.6	10.17	45.5	44.8	10.68	45.9	45.9	10.88	46.0
		270	35.4	7.68	42.3	39.1	9.04	42.6	42.1	10.09	42.8	45.1	10.57	43.0	46.3	10.78	43.0
		405	35.9	7.44	41.5	39.7	8.76	41.7	42.6	9.77	41.9	45.8	10.24	42.0	46.9	10.44	42.0
	45	135	31.5	8.44	49.2	34.8	9.94	49.8	37.5	11.06	50.2	40.2	11.62	50.5	41.1	11.83	50.6
		270	31.9	8.36	47.1	35.2	9.84	47.4	37.8	10.97	47.6	40.4	11.51	47.8	41.6	11.74	47.8
		405	32.3	8.09	46.4	35.6	9.54	46.6	38.3	10.64	46.7	41.1	11.13	46.8	42.1	11.36	46.9
50	10	135	32.9	2.06	13.7	36.4	2.42	14.1	39.1	2.70	14.4	42.0	2.83	14.8	43.0	2.88	14.9
		270	32.9	2.02	11.9	36.4	2.38	12.1	39.1	2.66	12.2	42.0	2.79	12.4	43.0	2.84	12.4
		405	32.9	1.98	11.2	36.4	2.34	11.4	39.1	2.61	11.5	42.0	2.73	11.6	43.0	2.79	11.6
	15	135	32.9	2.75	18.8	36.4	3.24	19.2	39.1	3.61	19.5	42.0	3.78	19.9	43.0	3.86	20.0
		270	32.9	2.70	16.9	36.4	3.18	17.1	39.1	3.54	17.3	42.0	3.72	17.4	43.0	3.78	17.5
		405	32.9	2.65	16.3	36.4	3.12	16.4	39.1	3.48	16.5	42.0	3.65	16.6	43.0	3.71	16.7
	20	135	32.9	3.31	23.8	36.4	3.90	24.3	39.1	4.35	24.6	42.0	4.56	24.9	43.0	4.64	25.1
		270	32.9	3.25	21.9	36.4	3.83	22.1	39.1	4.27	22.3	42.0	4.48	22.5	43.0	4.57	22.5
		405	32.9	3.19	21.3	36.4	3.76	21.4	39.1	4.19	21.5	42.0	4.40	21.6	43.0	4.48	21.7
	25	135	32.9	4.15	28.9	36.4	4.89	29.4	39.1	5.44	29.7	42.0	5.72	30.1	43.0	5.82	30.2
		270	32.9	4.03	27.0	36.4	4.74	27.2	39.1	5.28	27.4	42.0	5.54	27.5	43.0	5.65	27.6
		405	32.9	3.99	26.3	36.4	4.69	26.5	39.1	5.23	26.6	42.0	5.48	26.7	43.0	5.59	26.7
	30	135	32.9	5.00	34.0	36.4	5.90	34.5	39.1	6.57	34.8	42.0	6.89	35.2	43.0	7.02	35.3
		270	32.9	4.87	32.0	36.4	5.73	32.2	39.1	6.38	32.4	42.0	6.69	32.6	43.0	6.82	32.6
		405	32.9	4.77	31.3	36.4	5.62	31.5	39.1	6.26	31.6	42.0	6.57	31.7	43.0	6.69	31.8
	35	135	32.9	5.44	39.1	36.4	6.39	39.5	39.1	7.13	39.9	42.0	7.47	40.2	43.0	7.62	40.4
		270	32.9	5.29	37.0	36.4	6.22	37.3	39.0	6.93	37.4	42.0	7.27	37.6	43.0	7.40	37.7
		405	32.9	5.14	36.3	36.4	6.06	36.5	39.1	6.75	36.6	42.0	7.07	36.7	43.0	7.20	36.8
	40	135	29.3	6.02	43.7	32.4	7.08	44.2	34.8	7.90	44.5	37.3	8.29	44.8	38.3	8.44	45.0
		270	29.6	5.86	41.9	32.6	6.89	42.1	35.0	7.69	42.3	37.6	8.06	42.4	38.5	8.21	42.5
		405	30.0	5.69	41.3	33.1	6.70	41.4	35.5	7.47	41.5	38.1	7.84	41.6	39.1	7.98	41.7
	45	135	26.3	6.56	48.5	29.0	7.72	48.9	31.2	8.60	49.2	33.5	9.02	49.5	34.3	9.18	49.6
		270	26.5	6.37	46.7	29.3	7.50	47.0	31.5	8.37	47.1	33.7	8.77	47.3	34.6	8.95	47.3
		405	26.9	6.19	46.2	29.7	7.29	46.3	31.9	8.14	46.4	34.3	8.53	46.5	35.1	8.69	46.6

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	135	100.4	20.91	1.6	98.1	20.12	1.7	93.9	19.56	2.1	88.3	18.25	2.6	84.8	16.71	2.8
		270	102.4	20.17	5.6	99.7	19.81	5.8	95.8	19.29	5.9	90.2	17.89	6.2	86.4	16.46	6.3
		405	108.2	20.37	6.9	106.3	19.89	6.9	102.2	19.10	7.1	96.4	17.83	7.2	92.4	16.67	7.3
	15	135	110.7	18.53	5.2	107.9	17.68	5.4	103.6	17.12	5.8	97.2	15.95	6.4	93.2	14.64	6.7
		270	113.6	17.27	9.9	111.0	17.16	10.0	107.0	16.88	10.2	100.5	15.52	10.5	95.8	14.23	10.7
		405	112.9	18.02	11.6	111.7	17.71	11.7	109.0	16.92	11.7	102.0	15.62	11.9	97.9	14.99	12.1
	20	135	113.6	17.58	9.8	111.7	16.82	9.9	107.4	16.16	10.3	101.0	14.74	10.8	96.3	14.02	11.3
		270	115.8	16.60	14.7	114.8	16.58	14.8	110.8	16.03	15.0	104.3	15.10	15.3	99.9	14.46	15.5
		405	115.5	16.78	16.5	114.3	16.47	16.5	112.9	16.28	16.6	105.5	15.23	16.8	100.9	14.67	16.9
	25	135	117.8	16.33	14.2	114.4	16.08	14.6	112.1	15.71	14.8	106.0	14.81	15.3	101.9	14.03	15.7
		270	116.1	15.88	19.7	114.3	16.13	19.8	112.2	15.59	19.9	106.1	14.77	20.1	101.9	13.97	20.3
		405	115.0	15.78	21.5	114.4	15.42	21.5	112.2	15.45	21.6	106.2	14.63	21.8	102.0	13.37	21.9
	30	135	115.3	14.68	19.3	114.3	14.80	19.4	112.1	14.92	19.7	106.2	13.75	20.2	101.8	13.23	20.6
		270	115.4	14.33	24.6	114.3	14.86	24.7	112.2	14.62	24.8	106.1	13.75	25.1	102.0	12.60	25.3
		405	115.3	14.21	26.4	114.3	14.02	26.5	112.3	14.30	26.5	106.3	13.17	26.7	101.9	12.89	26.9
	35	135	115.4	13.79	24.2	114.4	14.26	24.4	112.2	14.78	24.7	106.2	13.46	25.2	101.9	12.43	25.5
		270	115.4	13.83	29.6	114.5	14.47	29.7	112.3	14.55	29.8	106.1	13.55	30.1	101.9	12.40	30.2
		405	115.6	13.61	31.4	114.3	13.97	31.5	112.3	14.20	31.5	106.1	12.93	31.7	101.9	11.87	31.8
	40	135	115.5	12.84	29.1	114.3	13.35	29.3	112.3	14.30	29.6	106.0	13.12	30.1	102.1	12.17	30.5
		270	115.4	12.88	34.6	114.2	13.54	34.7	112.3	13.87	34.8	106.1	12.97	35.1	101.9	11.96	35.2
		405	115.3	12.77	36.4	114.4	13.00	36.4	112.4	13.97	36.5	106.2	12.74	36.7	102.0	11.75	36.8
	45	135	115.4	11.32	34.0	114.3	11.88	34.1	112.1	13.29	34.5	106.0	12.24	35.0	102.0	11.39	35.4
		270	115.4	11.42	39.5	114.4	12.08	39.6	112.3	12.61	39.7	106.1	11.78	40.0	101.9	11.02	40.2
		405	115.4	11.47	41.3	114.4	11.43	41.4	112.3	13.21	41.5	106.1	11.92	41.7	101.9	11.21	41.8
120	10	135	95.8	20.74	2.0	93.4	20.04	2.2	89.3	19.45	2.6	84.0	17.98	3.0	80.3	16.47	3.2
		270	97.2	20.49	5.9	94.8	19.94	6.0	90.2	19.31	6.2	85.5	17.76	6.4	81.5	16.17	6.5
		405	102.9	20.13	7.1	99.5	19.62	7.2	96.4	19.09	7.3	91.0	17.65	7.4	86.9	16.12	7.5
	15	135	105.6	18.17	5.7	102.5	17.53	6.0	98.5	16.89	6.3	92.7	15.69	6.8	88.1	14.40	7.2
		270	107.1	17.84	10.3	105.1	17.48	10.3	100.8	16.86	10.5	94.8	15.53	10.8	90.1	14.03	11.0
		405	106.8	17.58	11.8	104.1	17.15	11.9	101.8	16.92	12.0	96.0	15.62	12.2	91.1	14.14	12.3
	20	135	107.4	16.85	10.4	105.2	16.17	10.6	100.9	15.44	10.9	95.2	14.29	11.4	90.2	13.59	11.9
		270	108.8	16.37	15.1	107.4	16.24	15.2	103.3	15.63	15.3	97.2	14.57	15.6	92.8	13.67	15.8
		405	108.3	16.34	16.7	105.6	15.95	16.8	104.7	15.73	16.9	98.4	14.72	17.0	93.4	13.92	17.2
	25	135	110.6	15.46	14.9	106.7	14.90	15.3	104.1	14.55	15.5	98.4	13.63	16.0	94.2	12.86	16.4
		270	109.3	15.00	20.0	106.8	14.94	20.1	103.9	14.63	20.3	98.3	13.55	20.5	94.3	12.82	20.7
		405	109.1	14.39	21.6	106.9	14.27	21.7	104.0	14.39	21.8	98.4	13.78	22.0	94.4	12.23	22.1
	30	135	109.0	13.57	19.9	106.7	13.67	20.1	104.0	13.60	20.4	98.2	12.36	20.9	94.2	11.84	21.3
		270	109.1	13.28	24.9	106.9	13.52	25.0	104.1	13.39	25.2	98.3	12.32	25.4	94.3	11.25	25.6
		405	109.0	12.81	26.6	106.8	12.82	26.7	104.1	13.03	26.8	98.3	12.13	26.9	94.3	11.53	27.1
	35	135	109.1	12.74	24.8	106.8	12.91	25.0	104.1	13.23	25.4	98.2	12.02	25.8	94.3	11.05	26.2
		270	109.0	12.46	29.9	106.7	12.88	30.0	104.2	12.76	30.1	98.4	11.79	30.4	94.3	10.79	30.6
		405	108.9	12.04	31.6	106.7	12.56	31.7	104.0	12.82	31.8	98.3	11.59	31.9	94.3	10.62	32.0
	40	135	109.1	11.81	29.7	106.8	11.89	29.9	104.0	12.50	30.3	98.4	11.40	30.8	94.3	10.53	31.1
		270	109.0	11.35	34.8	106.7	11.82	35.0	104.1	12.04	35.1	98.3	11.22	35.4	94.2	10.28	35.5
		405	109.1	11.34	36.5	106.8	11.37	36.6	104.1	12.16	36.7	98.4	11.01	36.9	94.4	10.11	37.0
	45	135	108.9	10.45	34.5	106.8	10.38	34.8	104.1	11.32	35.2	98.4	10.35	35.7	94.2	9.58	36.0
		270	109.1	9.80	39.7	106.8	10.23	39.9	104.2	10.87	40.0	98.2	10.10	40.3	94.3	9.38	40.5
		405	109.2	10.21	41.5	106.7	9.78	41.6	104.1	11.04	41.7	98.3	9.91	41.9	94.4	9.23	42.0
110	10	135	91.5	20.96	2.5	88.8	20.17	2.7	84.5	19.51	3.1	79.9	17.98	3.4	75.6	16.50	3.7
		270	92.6	20.57	6.2	89.6	19.94	6.3	85.2	19.27	6.5	80.9	17.79	6.7	76.4	16.17	6.8
		405	97.8	20.30	7.3	95.1	19.61	7.3	90.9	18.96	7.5	85.7	17.51	7.6	81.2	16.13	7.7
	15	135	100.8	18.29	6.2	97.4	17.69	6.5	93.2	16.99	6.9	88.1	15.69	7.3	83.1	14.39	7.7
		270	101.7	17.68	10.5	99.0	17.46	10.7	94.4	16.86	10.9	88.8	15.53	11.1	84.1	14.01	11.3
		405	101.5	17.64	12.0	98.7	17.16	12.1	95.1	16.59	12.2	89.4	15.28	12.4	84.5	14.17	12.5
	20	135	101.9	16.35	10.9	98.8	15.91	11.2	94.6	15.20	11.6	88.8	14.05	12.1	84.2	13.17	12.5
		270	102.6	16.00	15.4	99.8	15.70	15.5	95.7	15.13	15.7	90.2	14.12	16.0	85.2	13.02	16.2
		405	102.6	16.18	16.9	99.7	15.62	17.0	96.7	15.23	17.1	90.9	13.90	17.3	86.0	13.20	17.4
	25	135	103.5	14.41	15.5	99.6	13.98	15.9	96.4	13.71	16.2	90.8	12.67	16.7	86.2	11.71	17.1
		270	102.8	14.14	20.3	99.7	13.91	20.4	96.3	13.61	20.6	90.9	12.59	20.8	86.3	11.62	21.0
		405	102.8	14.35	21.9	99.8	13.92	22.0	96.3	13.37	22.1	90.8	12.80	22.2	86.3	11.09	22.3
	30	135	102.7	12.11	20.4	99.7	12.33	20.7	96.3	12.09	21.1	90.8	11.20	21.5	86.3	10.26	21.9
		270	102.7	12.03	25.2	99.6	12.22	25.4	96.5	11.86	25.5	90.7	11.11	25.8	86.3	9.88	25.9
		405	102.6	12.05	26.8	99.6	11.66	26.9	96.4	11.53	27.0	90.9	10.63	27.2	86.2	10.11	27.3
	35	135	102.8	11.27	25.3	99.7	11.29	25.6	96.3	11.46	26.0	90.8	10.33	26.5	86.3	9.44	26.8
		270	102.8	11.25	30.1	99.6	11.51	30.3	96.2	11.20	30.5	90.8	10.33	30.7	86.3	9.37	30.9
		405	102.7	10.64	31.7	99.5	10.96	31.9	96.3	10.90	32.0	90.8	10.14	32.1	86.2	9.20	32.3
	40	135	102.8	10.20	30.2	99.6	10.51	30.5	96.3	10.73	30.9	90.8	9.71	31.4	86.3	8.88	31.8
		270	102.7	10.19	35.1	99.7	10.45	35.3	96.3	10.24	35.4	90.7	9.72	35.7	86.4	8.86	35.9
		405	102.6	10.13	36.7	99.7	9.91	36.8	96.3	10.34	37.0	90.7	9.16	37.1	86.2	8.34	37.2
	45	135	102.8	8.74	35.0	99.7	9.23	35.4	96.4	9.59	35.8	90.7	8.71	36.3	86.2	7.97	36.7
		270	102.7	8.72	40.0	99.8	8.98	40.2	96.3	8.88	40.4	90.8	8.64	40.6	86.3	7.98	40.8
		405	102.7	9.28	41.7	99.7	8.47	41.8	96.3	9.42	41.9	90.7	7.79	42.1	86.3	7.13	42.2

1-10. AM280FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	135	87.7	21.09	2.9	83.9	20.47	3.3	79.9	19.62	3.6	75.5	18.10	3.9	71.1	16.33	4.2
		270	88.2	20.91	6.4	84.3	20.29	6.6	80.2	19.42	6.8	75.9	17.89	6.9	71.4	16.16	7.1
		405	93.3	20.54	7.4	89.4	19.95	7.5	85.0	19.08	7.7	80.4	17.60	7.8	75.5	15.91	7.9
	15	135	96.5	18.42	6.7	92.4	17.90	7.1	88.2	17.11	7.5	83.2	15.80	7.8	78.1	14.27	8.2
		270	96.5	18.26	10.8	92.4	17.72	11.0	88.2	16.98	11.2	83.2	15.62	11.4	78.1	14.12	11.6
		405	96.5	17.93	12.2	92.4	17.43	12.3	88.2	16.68	12.5	83.2	15.37	12.6	78.1	13.90	12.7
	20	135	96.5	16.24	11.5	92.4	15.76	11.9	88.2	15.07	12.2	83.2	13.90	12.6	78.1	12.56	13.0
		270	96.5	16.09	15.7	92.4	15.61	15.9	88.2	14.98	16.1	83.2	13.77	16.3	78.1	12.43	16.5
		405	96.5	15.81	17.1	92.4	15.33	17.3	88.2	14.69	17.4	83.2	13.53	17.5	78.1	12.22	17.7
	25	135	96.5	13.78	16.2	92.4	13.38	16.6	88.2	12.78	17.0	83.2	11.79	17.4	78.1	10.65	17.8
		270	96.5	13.62	20.6	92.4	13.22	20.8	88.2	12.66	21.0	83.2	11.68	21.2	78.1	10.54	21.4
		405	96.5	13.39	22.1	92.4	13.01	22.2	88.2	12.45	22.3	83.2	11.49	22.5	78.1	10.37	22.6
	30	135	96.5	11.52	21.0	92.4	11.19	21.4	88.2	10.69	21.8	83.2	9.86	22.2	78.1	8.92	22.7
		270	96.5	11.41	25.5	92.4	11.08	25.7	88.2	10.60	25.9	83.2	9.77	26.1	78.1	8.82	26.3
		405	96.5	11.21	27.0	92.4	10.89	27.1	88.2	10.43	27.2	83.2	9.62	27.4	78.1	8.67	27.5
	35	135	96.5	10.47	25.9	92.4	10.17	26.3	88.2	9.72	26.7	83.2	8.97	27.1	78.1	8.09	27.6
		270	96.5	10.37	30.4	92.4	10.06	30.6	88.2	9.63	30.8	83.2	8.88	31.1	78.1	8.03	31.3
		405	96.5	10.19	31.9	92.4	9.90	32.1	88.2	9.47	32.2	83.2	8.74	32.4	78.1	7.89	32.5
	40	135	96.5	9.41	30.8	92.4	9.15	31.2	88.2	8.74	31.6	83.2	8.06	32.0	78.1	7.29	32.5
		270	96.5	9.32	35.4	92.4	9.06	35.6	88.2	8.67	35.8	83.2	8.00	36.0	78.1	7.21	36.2
		405	96.5	9.17	36.9	92.4	8.91	37.0	88.2	8.51	37.2	83.2	7.85	37.3	78.1	7.09	37.5
	45	135	96.5	8.00	35.6	92.4	7.76	36.0	88.2	7.42	36.4	83.2	6.86	36.9	78.1	6.18	37.4
		270	96.5	7.92	40.3	92.4	7.68	40.5	88.2	7.35	40.7	83.2	6.79	40.9	78.1	6.12	41.2
		405	96.5	7.78	41.9	92.4	7.55	42.0	88.2	7.23	42.1	83.2	6.67	42.3	78.1	6.03	42.4
90	10	135	79.0	19.96	3.7	75.5	19.38	4.0	71.8	18.54	4.3	68.1	17.12	4.6	63.9	15.45	4.9
		270	79.4	19.71	6.8	75.8	19.14	7.0	72.3	18.31	7.1	68.4	16.91	7.3	64.2	15.27	7.4
		405	84.0	19.50	7.7	80.4	18.93	7.8	76.5	18.11	7.9	72.3	16.71	8.0	67.9	15.09	8.1
	15	135	86.9	17.45	7.6	83.1	16.96	8.0	79.2	16.21	8.3	74.9	14.96	8.6	70.4	13.52	9.0
		270	86.9	17.24	11.3	83.1	16.71	11.5	79.2	15.99	11.6	74.9	14.77	11.8	70.4	13.33	12.0
		405	86.9	17.03	12.5	83.1	16.53	12.6	79.2	15.82	12.8	74.9	14.59	12.9	70.4	13.18	13.0
	20	135	86.9	15.35	12.4	83.1	14.93	12.8	79.2	14.27	13.1	74.9	13.17	13.4	70.4	11.88	13.8
		270	86.9	15.18	16.2	83.1	14.72	16.4	79.2	14.08	16.5	74.9	13.00	16.7	70.4	11.74	16.9
		405	86.9	14.99	17.5	83.1	14.56	17.6	79.2	13.93	17.7	74.9	12.85	17.8	70.4	11.61	17.9
	25	135	86.9	13.10	17.2	83.1	12.71	17.5	79.2	12.15	17.9	74.9	11.21	18.2	70.4	10.11	18.6
		270	86.9	12.94	21.1	83.1	12.55	21.3	79.2	12.00	21.4	74.9	11.07	21.6	70.4	10.00	21.8
		405	86.9	12.67	22.4	83.1	12.29	22.5	79.2	11.77	22.6	74.9	10.86	22.7	70.4	9.81	22.9
	30	135	86.9	10.92	21.9	83.1	10.60	22.3	79.2	10.15	22.7	74.9	9.36	23.0	70.4	8.45	23.4
		270	86.9	10.79	26.0	83.1	10.48	26.1	79.2	10.01	26.3	74.9	9.24	26.5	70.4	8.35	26.7
		405	86.9	10.68	27.3	83.1	10.35	27.4	79.2	9.92	27.5	74.9	9.15	27.7	70.4	8.26	27.8
	35	135	86.9	9.90	26.8	83.1	9.61	27.2	79.2	9.19	27.6	74.9	8.50	28.0	70.4	7.67	28.3
		270	86.9	9.78	30.9	83.1	9.50	31.1	79.2	9.09	31.3	74.9	8.40	31.5	70.4	7.58	31.7
		405	86.9	9.67	32.3	83.1	9.39	32.4	79.2	8.99	32.5	74.9	8.30	32.6	70.4	7.49	32.8
	40	135	86.9	8.91	31.7	83.1	8.65	32.1	79.2	8.27	32.5	74.9	7.63	32.9	70.4	6.89	33.3
		270	86.9	8.82	35.9	83.1	8.56	36.0	79.2	8.19	36.2	74.9	7.55	36.4	70.4	6.82	36.6
		405	86.9	8.70	37.2	83.1	8.46	37.4	79.2	8.09	37.5	74.9	7.46	37.6	70.4	6.75	37.7
	45	135	86.9	7.57	36.6	83.1	7.34	37.0	79.2	7.03	37.3	74.9	6.48	37.7	70.4	5.85	38.1
		270	86.9	7.49	40.8	83.1	7.26	41.0	79.2	6.96	41.2	74.9	6.42	41.4	70.4	5.80	41.6
		405	86.9	7.40	42.2	83.1	7.18	42.3	79.2	6.87	42.4	74.9	6.33	42.6	70.4	5.73	42.7
80	10	135	70.3	17.75	4.4	67.0	17.23	4.7	63.8	16.48	5.0	60.4	15.23	5.2	56.8	13.75	5.4
		270	70.5	17.56	7.2	67.5	17.07	7.3	64.1	16.31	7.5	60.8	15.06	7.6	57.1	13.61	7.7
		405	74.7	17.42	8.0	71.5	16.90	8.1	68.0	16.20	8.2	64.3	14.93	8.3	60.4	13.50	8.3
	15	135	77.2	15.51	8.4	73.9	15.07	8.8	70.4	14.42	9.1	66.4	13.28	9.4	62.6	11.99	9.6
		270	77.2	15.35	11.7	73.9	14.91	11.9	70.4	14.28	12.0	66.4	13.16	12.2	62.6	11.90	12.3
		405	77.2	15.23	12.8	73.9	14.78	12.9	70.4	14.14	13.0	66.4	13.06	13.1	62.6	11.77	13.2
	20	135	77.2	13.64	13.3	73.9	13.25	13.6	70.4	12.67	13.9	66.4	11.70	14.2	62.6	10.56	14.5
		270	77.2	13.53	16.6	73.9	13.11	16.8	70.4	12.57	16.9	66.4	11.57	17.1	62.6	10.47	17.2
		405	77.2	13.40	17.7	73.9	13.01	17.8	70.4	12.46	18.0	66.4	11.48	18.1	62.6	10.38	18.2
	25	135	77.2	11.71	18.0	73.9	11.36	18.4	70.4	10.87	18.7	66.4	10.03	19.0	62.6	9.06	19.3
		270	77.2	11.53	21.5	73.9	11.20	21.7	70.4	10.70	21.8	66.4	9.89	22.0	62.6	8.92	22.2
		405	77.2	11.32	22.7	73.9	11.00	22.8	70.4	10.53	22.9	66.4	9.72	23.0	62.6	8.77	23.1
	30	135	77.2	9.70	22.8	73.9	9.42	23.2	70.4	9.01	23.5	66.4	8.32	23.8	62.6	7.52	24.2
		270	77.2	9.66	26.4	73.9	9.37	26.6	70.4	8.96	26.7	66.4	8.27	26.9	62.6	7.47	27.1
		405	77.2	9.50	27.6	73.9	9.22	27.7	70.4	8.82	27.8	66.4	8.13	27.9	62.6	7.35	28.0
	35	135	77.2	8.85	27.7	73.9	8.60	28.1	70.4	8.22	28.4	66.4	7.58	28.8	62.6	6.85	29.1
		270	77.2	8.81	31.4	73.9	8.54	31.5	70.4	8.17	31.7	66.4	7.54	31.9	62.6	6.81	32.0
		405	77.2	8.60	32.6	73.9	8.35	32.7	70.4	7.99	32.8	66.4	7.37	32.9	62.6	6.66	33.0
	40	135	77.2	7.97	32.6	73.9	7.73	33.0	70.4	7.40	33.3	66.4	6.82	33.7	62.6	6.16	34.0
		270	77.2	7.92	36.3	73.9	7.69	36.5	70.4	7.35	36.7	66.4	6.78	36.8	62.6	6.13	37.0
		405	77.2	7.74	37.5	73.9	7.52	37.7	70.4	7.18	37.8	66.4	6.62	37.9	62.6	5.98	38.0
	45	135	77.2	6.75	37.5	73.9	6.57	37.8	70.4	6.28	38.2	66.4	5.80	38.6	62.6	5.24	38.9
		270	77.2	6.72	41.3	73.9	6.53	41.4	70.4	6.24	41.6	66.4	5.75	41.8	62.6	5.20	42.0
		405	77.2	6.57	42.5	73.9	6.37	42.6	70.4	6.10	42.7	66.4	5.63	42.8	62.6	5.09	43.0

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	135	61.4	14.70	5.0	58.8	14.26	5.3	56.0	13.67	5.5	52.9	12.61	5.7	49.7	11.38	5.9
		270	61.7	14.63	7.5	59.1	14.23	7.6	56.2	13.61	7.7	53.2	12.54	7.8	49.9	11.33	8.0
		405	65.4	14.32	8.2	62.5	13.89	8.3	59.5	13.30	8.4	56.4	12.26	8.4	52.9	11.08	8.5
	15	135	67.6	12.86	9.2	64.7	12.49	9.5	61.6	11.95	9.7	58.2	11.01	10.0	54.7	9.95	10.2
		270	67.6	12.80	12.1	64.7	12.43	12.2	61.6	11.90	12.4	58.2	10.95	12.5	54.7	9.91	12.6
		405	67.6	12.51	13.0	64.7	12.15	13.1	61.6	11.61	13.2	58.2	10.71	13.3	54.7	9.68	13.4
	20	135	67.6	11.31	14.0	64.7	10.98	14.3	61.6	10.52	14.6	58.2	9.70	14.9	54.7	8.76	15.1
		270	67.6	11.27	17.0	64.7	10.93	17.1	61.6	10.45	17.3	58.2	9.66	17.4	54.7	8.72	17.6
		405	67.6	11.01	18.0	64.7	10.70	18.1	61.6	10.23	18.2	58.2	9.43	18.3	54.7	8.52	18.4
	25	135	67.6	9.65	18.8	64.7	9.35	19.1	61.6	8.96	19.4	58.2	8.26	19.7	54.7	7.47	20.0
		270	67.6	9.55	21.9	64.7	9.28	22.1	61.6	8.87	22.2	58.2	8.19	22.3	54.7	7.39	22.5
		405	67.6	9.38	22.9	64.7	9.10	23.0	61.6	8.72	23.1	58.2	8.04	23.2	54.7	7.26	23.3
	30	135	67.6	8.06	23.7	64.7	7.83	24.0	61.6	7.48	24.3	58.2	6.89	24.6	54.7	6.23	24.9
		270	67.6	7.99	26.8	64.7	7.76	27.0	61.6	7.42	27.1	58.2	6.85	27.3	54.7	6.18	27.4
		405	67.6	7.87	27.9	64.7	7.64	28.0	61.6	7.30	28.1	58.2	6.74	28.2	54.7	6.09	28.3
	35	135	67.6	7.37	28.6	64.7	7.17	28.9	61.6	6.84	29.2	58.2	6.31	29.5	54.7	5.71	29.8
		270	67.6	7.24	31.8	64.7	7.04	31.9	61.6	6.72	32.1	58.2	6.20	32.2	54.7	5.60	32.4
		405	67.6	7.16	32.9	64.7	6.95	33.0	61.6	6.64	33.1	58.2	6.13	33.2	54.7	5.53	33.3
	40	135	67.6	6.64	33.5	64.7	6.44	33.8	61.6	6.17	34.1	58.2	5.69	34.4	54.7	5.14	34.7
		270	67.6	6.51	36.8	64.7	6.32	36.9	61.6	6.05	37.1	58.2	5.57	37.2	54.7	5.05	37.4
		405	67.6	6.44	37.8	64.7	6.25	37.9	61.6	5.98	38.0	58.2	5.51	38.1	54.7	4.98	38.2
	45	135	67.6	5.64	38.4	64.7	5.47	38.7	61.6	5.24	39.0	58.2	4.82	39.3	54.7	4.36	39.7
		270	67.6	5.53	41.7	64.7	5.37	41.9	61.6	5.13	42.0	58.2	4.74	42.2	54.7	4.28	42.3
		405	67.6	5.46	42.8	64.7	5.30	42.9	61.6	5.08	43.0	58.2	4.68	43.1	54.7	4.23	43.2
60	10	135	52.7	12.15	5.7	50.3	11.80	5.9	47.9	11.29	6.1	45.4	10.40	6.3	42.6	9.40	6.5
		270	52.9	11.91	7.8	50.5	11.57	7.9	48.2	11.08	8.0	45.5	10.21	8.1	42.8	9.23	8.2
		405	56.0	11.83	8.4	53.6	11.49	8.5	51.0	10.99	8.6	48.2	10.13	8.7	45.4	9.14	8.7
	15	135	58.0	10.61	10.0	55.4	10.30	10.2	52.8	9.87	10.4	50.0	9.09	10.7	46.9	8.22	10.9
		270	58.0	10.41	12.5	55.4	10.11	12.6	52.8	9.68	12.7	50.0	8.92	12.8	46.9	8.06	12.9
		405	58.0	10.35	13.3	55.4	10.04	13.4	52.8	9.60	13.5	50.0	8.85	13.5	46.9	8.00	13.6
	20	135	58.0	9.34	14.8	55.4	9.08	15.1	52.8	8.69	15.3	50.0	8.00	15.5	46.9	7.24	15.8
		270	58.0	9.16	17.4	55.4	8.90	17.5	52.8	8.50	17.6	50.0	7.84	17.8	46.9	7.09	17.9
		405	58.0	9.10	18.3	55.4	8.83	18.4	52.8	8.44	18.4	50.0	7.79	18.5	46.9	7.04	18.6
	25	135	58.0	7.91	19.7	55.4	7.69	19.9	52.8	7.36	20.2	50.0	6.78	20.4	46.9	6.13	20.7
		270	58.0	7.81	22.3	55.4	7.59	22.5	52.8	7.24	22.6	50.0	6.69	22.7	46.9	6.04	22.8
		405	58.0	7.68	23.2	55.4	7.44	23.3	52.8	7.12	23.4	50.0	6.57	23.5	46.9	5.94	23.6
	30	135	58.0	6.58	24.5	55.4	6.40	24.8	52.8	6.12	25.0	50.0	5.64	25.3	46.9	5.09	25.6
		270	58.0	6.49	27.3	55.4	6.30	27.4	52.8	6.03	27.5	50.0	5.56	27.6	46.9	5.02	27.8
		405	58.0	6.43	28.2	55.4	6.24	28.3	52.8	5.97	28.3	50.0	5.50	28.4	46.9	4.97	28.5
	35	135	58.0	5.97	29.5	55.4	5.80	29.7	52.8	5.54	30.0	50.0	5.12	30.2	46.9	4.62	30.5
		270	58.0	5.97	32.2	55.4	5.78	32.4	52.8	5.54	32.5	50.0	5.11	32.6	46.9	4.62	32.8
		405	58.0	5.85	33.2	55.4	5.69	33.2	52.8	5.44	33.3	50.0	5.02	33.4	46.9	4.53	33.5
	40	135	58.0	5.37	34.4	55.4	5.21	34.7	52.8	4.98	34.9	50.0	4.61	35.2	46.9	4.16	35.5
		270	58.0	5.36	37.2	55.4	5.21	37.3	52.8	4.99	37.5	50.0	4.59	37.6	46.9	4.15	37.7
		405	58.0	5.26	38.1	55.4	5.12	38.2	52.8	4.89	38.3	50.0	4.52	38.4	46.9	4.07	38.5
	45	135	58.0	4.56	39.3	55.4	4.42	39.6	52.8	4.23	39.8	50.0	3.91	40.1	46.9	3.53	40.4
		270	58.0	4.55	42.2	55.4	4.43	42.3	52.8	4.23	42.4	50.0	3.90	42.6	46.9	3.52	42.7
		405	58.0	4.47	43.1	55.4	4.34	43.2	52.8	4.15	43.3	50.0	3.83	43.4	46.9	3.46	43.5
50	10	135	43.9	9.27	6.3	42.0	9.01	6.5	40.0	8.62	6.7	37.8	7.94	6.8	35.5	7.18	7.0
		270	44.1	9.19	8.1	42.2	8.92	8.2	40.1	8.53	8.3	37.9	7.86	8.4	35.6	7.11	8.5
		405	46.7	9.13	8.7	44.6	8.87	8.7	42.5	8.47	8.8	40.2	7.83	8.9	37.8	7.06	8.9
	15	135	48.3	8.11	10.7	46.2	7.85	10.9	44.0	7.53	11.1	41.6	6.94	11.3	39.1	6.27	11.5
		270	48.3	8.03	12.9	46.2	7.78	13.0	44.0	7.45	13.1	41.6	6.86	13.2	39.1	6.20	13.3
		405	48.3	7.98	13.6	46.2	7.74	13.6	44.0	7.40	13.7	41.6	6.83	13.8	39.1	6.17	13.8
	20	135	48.3	7.13	15.6	46.2	6.92	15.8	44.0	6.63	16.0	41.6	6.11	16.2	39.1	5.51	16.4
		270	48.3	7.06	17.8	46.2	6.86	17.9	44.0	6.56	18.0	41.6	6.04	18.1	39.1	5.47	18.2
		405	48.3	7.03	18.5	46.2	6.82	18.6	44.0	6.53	18.7	41.6	6.02	18.7	39.1	5.43	18.8
	25	135	48.3	6.07	20.5	46.2	5.90	20.7	44.0	5.64	20.9	41.6	5.20	21.1	39.1	4.70	21.3
		270	48.3	5.94	22.8	46.2	5.76	22.9	44.0	5.52	23.0	41.6	5.10	23.1	39.1	4.60	23.2
		405	48.3	5.97	23.5	46.2	5.80	23.6	44.0	5.55	23.6	41.6	5.12	23.7	39.1	4.62	23.8
	30	135	48.3	5.11	25.4	46.2	4.96	25.6	44.0	4.75	25.8	41.6	4.38	26.0	39.1	3.96	26.3
		270	48.3	5.00	27.7	46.2	4.85	27.8	44.0	4.64	27.9	41.6	4.28	28.0	39.1	3.87	28.1
		405	48.3	4.98	28.5	46.2	4.83	28.5	44.0	4.61	28.6	41.6	4.26	28.7	39.1	3.85	28.8
	35	135	48.3	4.64	30.4	46.2	4.50	30.6	44.0	4.30	30.8	41.6	3.97	31.0	39.1	3.59	31.2
		270	48.3	4.54	32.7	46.2	4.41	32.8	44.0	4.21	32.9	41.6	3.89	33.0	39.1	3.52	33.1
		405	48.3	4.48	33.4	46.2	4.35	33.5	44.0	4.16	33.6	41.6	3.84	33.7	39.1	3.47	33.7
	40	135	48.3	4.17	35.3	46.2	4.05	35.5	44.0	3.87	35.7	41.6	3.58	36.0	39.1	3.22	36.2
		270	48.3	4.09	37.7	46.2	3.97	37.8	44.0	3.80	37.9	41.6	3.50	38.0	39.1	3.17	38.1
		405	48.3	4.03	38.4	46.2	3.91	38.5	44.0	3.74	38.6	41.6	3.46	38.7	39.1	3.12	38.7
	45	135	48.3	3.54	40.2	46.2	3.44	40.5	44.0	3.29	40.7	41.6	3.04	40.9	39.1	2.74	41.1
		270	48.3	3.47	42.6	46.2	3.37	42.7	44.0	3.22	42.8	41.6	2.97	42.9	39.1	2.69	43.1
		405	48.3	3.42	43.4	46.2	3.32	43.5	44.0	3.18	43.6	41.6	2.93	43.6	39.1	2.65	43.7

1-11. AM300FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	143	84.0	6.00	19.0	92.6	7.14	20.0	99.5	7.83	20.8	106.6	8.32	21.5	109.2	8.40	21.8
		286	84.0	5.86	14.5	92.5	6.92	15.0	99.5	7.71	15.4	106.6	8.11	15.7	109.4	8.28	15.9
		429	84.0	5.79	13.0	92.4	6.82	13.3	99.6	7.48	13.6	106.5	7.87	13.8	109.5	8.08	13.9
	15	143	82.5	7.73	24.0	90.9	9.17	25.0	98.2	10.19	25.9	104.8	10.69	26.6	107.4	10.90	26.9
		286	82.6	7.61	19.5	90.9	8.98	20.0	98.1	10.02	20.4	104.8	10.51	20.8	107.5	10.75	20.9
		429	82.5	7.42	18.0	90.9	8.76	18.3	98.2	9.71	18.6	104.8	10.17	18.8	107.5	10.50	18.9
	20	143	81.4	9.23	29.1	89.8	10.81	30.1	96.9	12.06	30.9	103.3	12.65	31.6	106.0	12.91	31.9
		286	81.4	9.04	24.5	89.8	10.63	25.0	96.8	11.86	25.4	103.4	12.49	25.8	106.1	12.75	26.0
		429	81.4	8.73	23.0	89.7	10.31	23.3	96.8	11.55	23.6	103.2	12.02	23.8	106.0	12.39	24.0
	25	143	81.3	11.58	34.3	89.8	13.64	35.4	96.8	15.19	36.2	103.3	15.95	37.0	106.1	16.23	37.3
		286	81.3	11.41	29.6	89.9	13.44	30.2	96.9	14.91	30.6	103.3	15.74	31.0	106.2	15.99	31.1
		429	81.4	11.02	28.1	89.9	13.01	28.4	96.9	14.52	28.7	103.4	15.24	29.0	106.1	15.64	29.1
	30	143	81.4	13.58	39.5	89.7	16.00	40.6	96.8	17.81	41.5	103.3	18.68	42.2	106.1	19.04	42.5
		286	81.5	13.36	34.8	89.8	15.74	35.3	96.8	17.54	35.7	103.4	18.41	36.1	106.2	18.80	36.3
		429	81.4	12.93	33.2	89.8	15.22	33.5	96.9	16.97	33.8	103.5	17.82	34.1	106.1	18.30	34.2
	35	143	77.0	14.13	44.1	85.1	16.64	45.2	91.6	18.59	46.0	98.1	19.47	46.8	100.3	19.81	47.0
		286	76.9	13.87	39.6	85.0	16.35	40.1	91.6	18.21	40.5	98.2	19.20	40.9	100.2	19.60	41.0
		429	77.0	13.52	38.0	85.0	15.86	38.4	91.6	17.66	38.7	98.1	18.55	38.9	100.3	19.03	39.0
	40	143	64.3	14.74	47.9	70.8	17.35	48.8	76.3	19.31	49.6	81.7	20.27	50.2	84.0	20.69	50.5
		286	64.8	14.49	44.0	71.5	17.06	44.4	77.0	18.97	44.8	82.3	19.96	45.1	84.6	20.40	45.3
		429	65.8	14.04	42.7	72.4	16.48	43.0	78.0	18.44	43.2	83.7	19.35	43.4	85.9	19.92	43.5
	45	143	53.7	15.22	51.9	58.9	17.91	52.7	63.2	19.99	53.3	67.8	20.90	53.9	69.8	21.33	54.1
		286	54.2	14.97	48.5	59.3	17.62	48.9	63.9	19.62	49.2	68.3	20.70	49.5	70.1	21.10	49.6
		429	54.9	14.47	47.3	60.2	17.03	47.6	64.7	19.04	47.8	69.4	19.97	48.0	71.2	20.56	48.1
120	10	143	79.6	5.70	18.5	87.6	6.75	19.5	94.5	7.44	20.2	100.9	7.85	20.9	103.3	7.94	21.2
		286	79.6	5.62	14.3	87.7	6.62	14.7	94.5	7.29	15.1	100.9	7.68	15.4	103.5	7.83	15.6
		429	79.6	5.36	12.8	87.8	6.47	13.1	94.5	7.07	13.4	100.9	7.46	13.6	103.6	7.72	13.7
	15	143	78.7	7.41	23.6	86.4	8.74	24.5	93.3	9.77	25.3	99.8	10.23	26.0	102.3	10.40	26.3
		286	78.7	7.29	19.3	86.4	8.58	19.8	93.2	9.58	20.2	99.7	10.04	20.5	102.1	10.25	20.6
		429	78.6	7.06	17.9	86.5	8.38	18.2	93.3	9.28	18.4	99.8	9.73	18.7	102.2	10.05	18.8
	20	143	77.8	8.87	28.7	85.6	10.39	29.6	92.4	11.57	30.4	98.9	12.18	31.1	101.4	12.41	31.4
		286	77.8	8.66	24.3	85.5	10.21	24.8	92.4	11.41	25.2	98.9	12.00	25.6	101.3	12.20	25.7
		429	77.9	8.42	22.9	85.6	9.94	23.2	92.4	11.08	23.5	98.9	11.57	23.7	101.3	11.90	23.8
	25	143	77.8	11.12	33.9	85.5	13.07	34.9	92.4	14.53	35.7	98.8	15.28	36.4	101.3	15.58	36.7
		286	77.9	10.91	29.4	85.6	12.89	29.9	92.3	14.32	30.3	98.7	15.03	30.7	101.3	15.34	30.8
		429	77.8	10.54	28.0	85.7	12.45	28.3	92.5	13.94	28.6	98.8	14.57	28.8	101.3	14.93	28.9
	30	143	77.8	13.13	39.1	85.6	15.44	40.1	92.4	17.19	41.0	98.9	18.07	41.7	101.3	18.39	42.0
		286	77.8	12.89	34.5	85.6	15.15	35.0	92.4	16.97	35.5	98.8	17.76	35.8	101.2	18.12	36.0
		429	77.8	12.47	33.0	85.6	14.69	33.4	92.4	16.39	33.6	98.8	17.24	33.9	101.4	17.64	34.0
	35	143	74.8	13.82	43.9	82.4	16.30	44.9	89.1	18.21	45.8	95.0	19.05	46.4	97.4	19.42	46.7
		286	74.7	13.59	39.4	82.5	16.03	39.9	89.0	17.83	40.4	95.0	18.77	40.7	97.5	19.14	40.8
		429	74.7	13.20	37.9	82.5	15.56	38.3	89.1	17.29	38.6	94.8	18.11	38.8	97.4	18.60	38.9
	40	143	63.7	14.69	47.9	70.3	17.33	48.8	75.7	19.29	49.5	80.7	20.26	50.1	83.2	20.68	50.4
		286	64.3	14.46	43.9	70.8	17.03	44.4	76.3	18.93	44.8	81.5	19.91	45.1	83.9	20.33	45.2
		429	65.2	14.00	42.6	71.7	16.52	42.9	77.5	18.41	43.2	82.7	19.34	43.4	85.0	19.83	43.5
	45	143	54.2	15.43	52.0	60.1	18.18	52.8	64.6	20.34	53.5	68.9	21.24	54.0	70.8	21.71	54.3
		286	54.7	15.22	48.5	60.4	17.87	48.9	65.3	19.93	49.3	69.4	20.97	49.5	71.4	21.41	49.7
		429	55.5	14.67	47.3	61.3	17.39	47.6	66.1	19.34	47.9	70.5	20.35	48.0	72.3	20.78	48.1
110	10	143	75.1	5.34	18.1	82.5	6.39	18.9	89.1	7.00	19.6	95.3	7.43	20.3	97.3	7.49	20.5
		286	75.2	5.26	14.0	82.5	6.20	14.4	89.1	6.88	14.8	95.1	7.29	15.1	97.5	7.34	15.3
		429	75.2	5.11	12.7	82.5	6.04	13.0	89.1	6.74	13.2	95.2	7.04	13.4	97.5	7.23	13.5
	15	143	74.6	7.05	23.2	82.0	8.35	24.1	88.6	9.31	24.8	94.8	9.75	25.5	97.0	9.95	25.7
		286	74.4	6.95	19.1	81.9	8.17	19.5	88.6	9.14	19.9	94.8	9.61	20.2	97.1	9.77	20.4
		429	74.5	6.75	17.7	81.9	7.96	18.0	88.4	8.89	18.3	94.7	9.29	18.5	97.2	9.53	18.6
	20	143	74.2	8.53	28.3	81.7	9.98	29.2	88.1	11.13	30.0	94.1	11.67	30.6	96.5	11.90	30.9
		286	74.2	8.34	24.1	81.7	9.80	24.6	88.2	10.94	25.0	94.1	11.50	25.3	96.6	11.71	25.4
		429	74.2	8.10	22.7	81.6	9.53	23.0	88.1	10.65	23.3	94.1	11.13	23.5	96.5	11.36	23.6
	25	143	74.2	10.64	33.5	81.6	12.51	34.4	88.2	13.92	35.2	94.1	14.59	35.9	96.6	14.86	36.2
		286	74.1	10.48	29.2	81.6	12.32	29.7	88.1	13.69	30.1	94.0	14.37	30.4	96.5	14.62	30.6
		429	74.3	10.11	27.8	81.6	11.91	28.1	88.2	13.31	28.4	94.0	13.96	28.6	96.6	14.23	28.7
	30	143	74.2	12.65	38.7	81.7	14.89	39.7	88.3	16.57	40.5	94.1	17.42	41.2	96.6	17.72	41.5
		286	74.2	12.44	34.3	81.6	14.64	34.8	88.2	16.33	35.2	94.1	17.12	35.6	96.5	17.42	35.7
		429	74.2	12.03	32.9	81.6	14.18	33.2	88.1	15.83	33.5	94.1	16.58	33.7	96.5	16.98	33.8
	35	143	72.5	13.53	43.6	80.4	15.96	44.7	86.3	17.81	45.4	92.4	18.63	46.1	94.6	18.97	46.4
		286	72.5	13.28	39.3	80.2	15.66	39.8	86.2	17.46	40.2	92.3	18.34	40.5	94.6	18.70	40.7
		429	72.5	12.91	37.9	80.2	15.19	38.2	86.3	16.90	38.4	92.4	17.73	38.7	94.6	18.14	38.8
	40	143	63.2	14.70	47.8	69.7	17.33	48.7	74.9	19.25	49.4	80.2	20.21	50.1	82.6	20.63	50.3
		286	63.6	14.41	43.9	70.2	17.01	44.4	75.5	18.95	44.7	80.9	19.84	45.0	83.2	20.30	45.2
		429	64.7	14.00	42.6	71.1	16.47	42.9	76.5	18.38	43.2	82.1	19.32	43.4	84.3	19.72	43.5
	45	143	55.3	15.74	52.1	60.9	18.50	53.0	65.5	20.65	53.6	70.3	21.59	54.2	72.2	22.05	54.4
		286	55.8	15.42	48.6	61.3	18.18	49.0	66.1	20.27	49.3	70.8	21.34	49.6	72.7	21.73	49.7
		429	56.5	14.91	47.4	62.2	17.67	47.7	67.0	19.64	47.9	71.9	20.69	48.1	73.8	21.06	48.2

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	143	70.6	5.08	17.6	78.0	5.97	18.4	84.0	6.66	19.1	89.9	6.99	19.7	92.1	7.12	19.9
		286	70.6	4.99	13.8	78.0	5.87	14.2	84.0	6.55	14.5	89.9	6.86	14.8	92.1	6.99	15.0
		429	70.6	4.83	12.5	78.0	5.69	12.8	84.0	6.35	13.0	89.9	6.65	13.2	92.1	6.77	13.3
	15	143	70.6	6.77	22.8	78.0	7.98	23.6	84.0	8.89	24.3	89.9	9.33	24.9	92.1	9.49	25.2
		286	70.6	6.65	18.9	78.0	7.85	19.3	84.0	8.74	19.6	89.9	9.16	20.0	92.1	9.33	20.1
		429	70.6	6.46	17.6	78.0	7.61	17.9	84.0	8.48	18.1	89.9	8.87	18.3	92.1	9.06	18.4
	20	143	70.6	8.17	27.9	78.0	9.62	28.8	84.0	10.71	29.5	89.9	11.24	30.1	92.1	11.45	30.4
		286	70.6	8.02	23.9	78.0	9.45	24.4	84.0	10.52	24.7	89.9	11.04	25.1	92.1	11.26	25.2
		429	70.6	7.77	22.6	78.0	9.16	22.9	84.0	10.22	23.1	89.9	10.71	23.4	92.1	10.90	23.4
	25	143	70.6	10.17	33.1	78.0	11.97	34.0	84.0	13.35	34.8	89.9	14.00	35.4	92.1	14.27	35.7
		286	70.6	10.00	29.0	78.0	11.78	29.5	84.0	13.11	29.9	89.9	13.76	30.2	92.1	14.03	30.3
		429	70.6	9.69	27.7	78.0	11.40	28.0	84.0	12.73	28.2	89.9	13.34	28.4	92.1	13.58	28.5
	30	143	70.6	12.23	38.3	78.0	14.40	39.3	84.0	16.03	40.0	89.9	16.82	40.7	92.1	17.16	41.0
		286	70.6	12.01	34.1	78.0	14.16	34.6	84.0	15.82	35.0	89.9	16.52	35.3	92.1	16.84	35.5
		429	70.6	11.66	32.7	78.0	13.71	33.1	84.0	15.29	33.3	89.9	16.02	33.5	92.1	16.34	33.6
	35	143	70.6	13.27	43.4	78.0	15.63	44.4	84.0	17.44	45.2	89.9	18.30	45.8	92.1	18.63	46.1
		286	70.6	13.05	39.2	78.0	15.36	39.7	84.0	17.11	40.1	89.9	17.98	40.4	92.1	18.31	40.5
		429	70.6	12.66	37.8	78.0	14.90	38.1	84.0	16.60	38.4	89.9	17.40	38.6	92.1	17.72	38.7
	40	143	62.8	14.72	47.8	69.3	17.35	48.7	74.5	19.30	49.4	79.9	20.26	50.0	82.0	20.65	50.3
		286	63.3	14.47	43.9	69.9	17.04	44.4	75.1	18.97	44.7	80.6	19.91	45.0	82.6	20.29	45.2
		429	64.3	14.03	42.6	70.8	16.51	42.9	76.2	18.40	43.2	81.8	19.32	43.4	83.7	19.68	43.5
	45	143	56.4	16.03	52.3	62.2	18.85	53.1	66.8	21.04	53.8	71.7	22.03	54.4	73.6	22.45	54.6
		286	56.9	15.75	48.6	62.7	18.55	49.1	67.5	20.66	49.4	72.2	21.70	49.7	74.1	22.08	49.8
		429	57.6	15.26	47.4	63.6	18.00	47.7	68.4	20.03	48.0	73.4	21.03	48.2	75.2	21.39	48.2
90	10	143	63.6	4.80	16.9	70.1	5.66	17.6	75.4	6.30	18.2	80.8	6.61	18.8	83.0	6.73	19.0
		286	63.6	4.71	13.4	70.1	5.55	13.8	75.4	6.17	14.1	80.8	6.48	14.4	83.0	6.61	14.5
		429	63.6	4.59	12.3	70.1	5.41	12.5	75.4	6.01	12.7	80.8	6.32	12.9	83.0	6.44	13.0
	15	143	63.6	6.42	22.0	70.1	7.55	22.8	75.4	8.40	23.4	80.8	8.82	24.0	83.0	8.99	24.2
		286	63.6	6.29	18.5	70.1	7.40	18.9	75.4	8.25	19.2	80.8	8.65	19.5	83.0	8.81	19.6
		429	63.6	6.12	17.3	70.1	7.22	17.6	75.4	8.04	17.8	80.8	8.43	18.0	83.0	8.59	18.1
	20	143	63.6	7.73	27.1	70.1	9.11	27.9	75.4	10.14	28.6	80.8	10.64	29.2	83.0	10.83	29.4
		286	63.6	7.58	23.6	70.1	8.92	24.0	75.4	9.93	24.3	80.8	10.42	24.6	83.0	10.62	24.7
		429	63.6	7.38	22.4	70.1	8.69	22.6	75.4	9.68	22.8	80.8	10.16	23.0	83.0	10.36	23.1
	25	143	63.6	9.67	32.3	70.1	11.38	33.2	75.4	12.68	33.8	80.8	13.31	34.4	83.0	13.55	34.7
		286	63.6	9.50	28.7	70.1	11.17	29.1	75.4	12.44	29.4	80.8	13.07	29.7	83.0	13.31	29.8
		429	63.6	9.16	27.4	70.1	10.79	27.7	75.4	12.02	27.9	80.8	12.61	28.1	83.0	12.86	28.2
	30	143	63.6	11.58	37.5	70.1	13.65	38.4	75.4	15.20	39.1	80.8	15.94	39.7	83.0	16.24	39.9
		286	63.6	11.37	33.8	70.1	13.41	34.2	75.4	14.92	34.5	80.8	15.66	34.8	83.0	15.93	35.0
		429	63.6	11.08	32.5	70.1	13.06	32.8	75.4	14.55	33.0	80.8	15.25	33.2	83.0	15.53	33.3
	35	143	63.6	12.58	42.6	70.1	14.81	43.5	75.4	16.48	44.2	80.8	17.30	44.8	83.0	17.64	45.1
		286	63.6	12.34	38.8	70.1	14.53	39.2	75.4	16.18	39.6	80.8	16.99	39.9	83.0	17.28	40.0
		429	63.6	12.02	37.5	70.1	14.16	37.8	75.4	15.78	38.0	80.8	16.55	38.3	83.0	16.87	38.3
	40	143	56.5	13.93	47.1	62.4	16.41	47.9	67.0	18.26	48.5	71.9	19.17	49.1	73.7	19.51	49.3
		286	56.9	13.67	43.5	62.9	16.10	44.0	67.5	17.95	44.3	72.6	18.82	44.6	74.3	19.18	44.7
		429	57.8	13.33	42.4	63.7	15.69	42.7	68.6	17.47	42.9	73.5	18.35	43.1	75.4	18.69	43.1
	45	143	50.7	15.15	51.6	56.0	17.86	52.4	60.2	19.88	53.0	64.6	20.88	53.6	66.3	21.26	53.8
		286	51.1	14.87	48.3	56.5	17.54	48.7	60.7	19.54	49.0	65.1	20.49	49.3	66.7	20.86	49.4
		429	63.5	4.82	47.3	57.2	17.08	47.5	61.5	19.04	47.7	66.1	19.96	47.9	67.7	20.32	47.9
80	10	143	56.5	4.20	16.1	62.4	5.02	16.8	67.0	5.60	17.3	71.8	5.88	17.8	73.7	5.98	18.0
		286	56.5	4.07	13.0	62.4	4.94	13.4	67.0	5.51	13.6	71.8	5.78	13.9	73.7	5.89	14.0
		429	56.5	5.75	12.1	62.4	4.83	12.2	67.0	5.38	12.4	71.8	5.65	12.6	73.7	5.76	12.7
	15	143	56.5	5.60	21.2	62.4	6.72	21.9	67.0	7.47	22.5	71.8	7.84	23.0	73.7	7.99	23.2
		286	56.5	5.43	18.1	62.4	6.59	18.5	67.0	7.35	18.7	71.8	7.70	19.0	73.7	7.86	19.1
		429	56.5	6.93	17.1	62.4	6.45	17.3	67.0	7.18	17.5	71.8	7.53	17.7	73.7	7.68	17.7
	20	143	56.5	6.75	26.3	62.4	8.08	27.1	67.0	9.00	27.6	71.8	9.45	28.1	73.7	9.63	28.4
		286	56.5	6.54	23.2	62.4	7.94	23.5	67.0	8.86	23.8	71.8	9.29	24.1	73.7	9.46	24.2
		429	56.5	8.63	22.2	62.4	7.77	22.3	67.0	8.66	22.5	71.8	9.08	22.7	73.7	9.25	22.8
	25	143	56.5	8.49	31.5	62.4	10.18	32.3	67.0	11.35	32.9	71.8	11.91	33.4	73.7	12.12	33.6
		286	56.5	8.21	28.2	62.4	9.97	28.6	67.0	11.09	28.9	71.8	11.64	29.2	73.7	11.86	29.3
		429	56.5	10.32	27.2	62.4	9.65	27.4	67.0	10.76	27.6	71.8	11.28	27.8	73.7	11.48	27.8
	30	143	56.5	10.11	36.7	62.4	12.13	37.5	67.0	13.51	38.1	71.8	14.16	38.6	73.7	14.43	38.8
		286	56.5	9.85	33.3	62.4	11.99	33.7	67.0	13.35	34.0	71.8	14.00	34.3	73.7	14.27	34.4
		429	56.5	11.25	32.3	62.4	11.62	32.5	67.0	12.93	32.7	71.8	13.57	32.9	73.7	13.83	32.9
	35	143	56.5	11.05	41.8	62.4	13.23	42.6	67.0	14.74	43.2	71.8	15.45	43.7	73.7	15.76	44.0
		286	56.5	10.75	38.4	62.4	13.06	38.8	67.0	14.54	39.1	71.8	15.27	39.4	73.7	15.55	39.5
		429	50.3	12.41	37.1	62.4	12.57	37.5	67.0	14.00	37.7	71.8	14.70	37.9	73.7	14.96	38.0
	40	143	50.6	12.24	46.3	55.4	14.67	47.0	59.5	16.31	47.6	63.9	17.13	48.1	65.5	17.43	48.3
		286	51.3	11.91	43.2	55.9	14.47	43.5	60.0	16.12	43.8	64.4	16.92	44.1	66.2	17.22	44.2
		429	45.1	13.51	42.0	56.6	13.94	42.4	61.0	15.51	42.6	65.4	16.26	42.7	67.0	16.60	42.8
	45	143	45.5	13.31	50.9	49.7	15.95	51.6	53.4	17.77	52.1	57.4	18.65	52.6	58.8	19.01	52.8
		286	46.1	12.96	48.0	50.2	15.77	48.3	53.9	17.54	48.6	57.8	18.41	48.8	59.4	18.77	48.9
		429	50.8	4.06	46.8	50.9	15.16	47.2	54.8	16.90	47.4	58.7	17.72	47.6	60.2	18.04	47.6

1-11. AM300FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	143	49.5	3.54	15.3	54.6	4.16	15.9	58.6	4.65	16.3	62.9	4.87	16.8	64.5	4.96	17.0
		286	49.5	3.50	12.7	54.6	4.11	12.9	58.6	4.59	13.2	62.9	4.81	13.4	64.5	4.91	13.5
		429	49.5	3.37	11.8	54.6	3.96	12.0	58.6	4.42	12.1	62.9	4.64	12.3	64.5	4.73	12.3
	15	143	49.5	4.72	20.4	54.6	5.56	21.0	58.6	6.19	21.5	62.9	6.50	22.0	64.5	6.62	22.1
		286	49.5	4.67	17.7	54.6	5.50	18.0	58.6	6.13	18.2	62.9	6.42	18.5	64.5	6.55	18.6
		429	49.5	4.49	16.8	54.6	5.29	17.0	58.6	5.90	17.2	62.9	6.19	17.3	64.5	6.30	17.4
	20	143	49.5	5.69	25.5	54.6	6.70	26.1	58.6	7.46	26.6	62.9	7.83	27.1	64.5	7.98	27.3
		286	49.5	5.63	22.8	54.6	6.62	23.1	58.6	7.39	23.3	62.9	7.74	23.5	64.5	7.90	23.6
		429	49.5	5.42	21.8	54.6	6.39	22.0	58.6	7.12	22.2	62.9	7.46	22.4	64.5	7.60	22.4
	25	143	49.5	7.12	30.7	54.6	8.38	31.3	58.6	9.33	31.8	62.9	9.79	32.3	64.5	9.98	32.5
		286	49.5	7.01	27.8	54.6	8.24	28.1	58.6	9.19	28.4	62.9	9.65	28.6	64.5	9.82	28.7
		429	49.5	6.78	26.9	54.6	7.99	27.1	58.6	8.90	27.3	62.9	9.35	27.4	64.5	9.52	27.5
	30	143	49.5	8.55	35.8	54.6	10.07	36.5	58.6	11.22	37.0	62.9	11.77	37.5	64.5	11.99	37.7
		286	49.5	8.41	32.9	54.6	9.91	33.2	58.6	11.04	33.5	62.9	11.57	33.7	64.5	11.78	33.8
		429	49.5	8.17	31.9	54.6	9.63	32.1	58.6	10.72	32.3	62.9	11.24	32.5	64.5	11.47	32.5
	35	143	49.5	9.35	40.9	54.6	11.04	41.6	58.6	12.29	42.1	62.9	12.88	42.6	64.5	13.14	42.8
		286	49.5	9.12	37.9	54.6	10.74	38.3	58.6	11.98	38.5	62.9	12.55	38.8	64.5	12.79	38.9
		429	49.5	8.88	37.0	54.6	10.46	37.2	58.6	11.65	37.3	62.9	12.22	37.5	64.5	12.45	37.6
	40	143	43.9	10.37	45.4	48.5	12.22	46.1	52.0	13.62	46.6	55.9	14.27	47.0	57.3	14.55	47.2
		286	44.2	10.11	42.7	48.9	11.89	43.0	52.6	13.26	43.3	56.4	13.91	43.5	57.8	14.19	43.6
		429	44.9	9.84	41.8	49.6	11.59	42.0	53.3	12.92	42.2	57.2	13.54	42.4	58.7	13.80	42.4
	45	143	39.4	11.29	50.1	43.5	13.29	50.7	46.7	14.81	51.2	50.2	15.55	51.6	51.5	15.83	51.7
		286	39.8	11.01	47.5	43.9	12.96	47.9	47.2	14.44	48.1	50.6	15.14	48.3	51.9	15.43	48.4
		429	40.3	10.72	46.7	44.6	12.62	46.9	47.9	14.06	47.1	51.4	14.74	47.2	52.6	15.02	47.3
60	10	143	42.4	2.92	14.5	46.8	3.44	15.0	50.3	3.84	15.4	54.0	4.02	15.8	55.3	4.10	16.0
		286	42.4	2.84	12.3	46.8	3.35	12.5	50.3	3.73	12.7	54.0	3.92	12.9	55.3	3.99	13.0
		429	42.4	2.78	11.5	46.8	3.28	11.7	50.3	3.65	11.8	54.0	3.83	11.9	55.3	3.91	12.0
	15	143	42.4	3.90	19.6	46.8	4.59	20.1	50.3	5.11	20.6	54.0	5.37	21.0	55.3	5.47	21.1
		286	42.4	3.80	17.3	46.8	4.47	17.6	50.3	4.98	17.8	54.0	5.22	18.0	55.3	5.32	18.0
		429	42.4	3.72	16.5	46.8	4.38	16.7	50.3	4.87	16.8	54.0	5.11	17.0	55.3	5.22	17.0
	20	143	42.4	4.70	24.7	46.8	5.53	25.2	50.3	6.16	25.7	54.0	6.47	26.1	55.3	6.60	26.2
		286	42.4	4.58	22.4	46.8	5.39	22.6	50.3	6.00	22.8	54.0	6.30	23.0	55.3	6.42	23.1
		429	42.4	4.47	21.6	46.8	5.28	21.7	50.3	5.87	21.9	54.0	6.16	22.0	55.3	6.28	22.1
	25	143	42.4	5.85	29.8	46.8	6.89	30.4	50.3	7.68	30.8	54.0	8.05	31.2	55.3	8.21	31.4
		286	42.4	5.73	27.4	46.8	6.75	27.7	50.3	7.50	27.9	54.0	7.88	28.1	55.3	8.03	28.2
		429	42.4	5.55	26.6	46.8	6.54	26.8	50.3	7.28	26.9	54.0	7.64	27.1	55.3	7.78	27.1
	30	143	42.4	6.99	35.0	46.8	8.22	35.5	50.3	9.17	36.0	54.0	9.60	36.4	55.3	9.80	36.5
		286	42.4	6.84	32.5	46.8	8.06	32.7	50.3	8.98	33.0	54.0	9.41	33.2	55.3	9.60	33.3
		429	42.4	6.67	31.6	46.8	7.85	31.8	50.3	8.74	32.0	54.0	9.18	32.1	55.3	9.34	32.2
	35	143	42.4	7.58	40.0	46.8	8.92	40.6	50.3	9.94	41.0	54.0	10.43	41.5	55.3	10.63	41.6
		286	42.4	7.52	37.5	46.8	8.85	37.8	50.3	9.86	38.0	54.0	10.35	38.2	55.3	10.53	38.3
		429	42.4	7.27	36.7	46.8	8.57	36.8	50.3	9.54	37.0	54.0	10.01	37.1	55.3	10.20	37.2
	40	143	37.6	8.40	44.6	41.5	9.89	45.2	44.6	11.01	45.6	48.0	11.56	46.0	49.2	11.78	46.1
		286	38.0	8.31	42.3	41.9	9.79	42.6	45.1	10.92	42.8	48.3	11.44	43.0	49.6	11.68	43.1
		429	38.5	8.07	41.6	42.5	9.48	41.7	45.7	10.57	41.9	49.0	11.09	42.0	50.2	11.30	42.1
	45	143	33.8	9.14	49.3	37.3	10.77	49.8	40.2	11.97	50.2	43.0	12.58	50.6	44.1	12.81	50.7
		286	34.1	9.05	47.2	37.7	10.66	47.4	40.5	11.89	47.6	43.3	12.47	47.8	44.5	12.71	47.9
		429	34.6	8.77	46.4	38.1	10.33	46.6	41.0	11.51	46.8	44.0	12.06	46.9	45.1	12.30	46.9
50	10	143	35.3	2.23	13.8	39.0	2.62	14.2	41.9	2.93	14.5	45.0	3.07	14.8	46.1	3.12	14.9
		286	35.3	2.19	11.9	39.0	2.58	12.1	41.9	2.88	12.2	45.0	3.02	12.4	46.1	3.07	12.5
		429	35.3	2.15	11.3	39.0	2.53	11.4	41.9	2.82	11.5	45.0	2.95	11.6	46.1	3.02	11.6
	15	143	35.3	2.97	18.8	39.0	3.51	19.3	41.9	3.91	19.6	45.0	4.09	19.9	46.1	4.17	20.0
		286	35.3	2.93	16.9	39.0	3.44	17.1	41.9	3.84	17.3	45.0	4.03	17.5	46.1	4.10	17.5
		429	35.3	2.87	16.3	39.0	3.38	16.4	41.9	3.77	16.5	45.0	3.95	16.6	46.1	4.02	16.7
	20	143	35.3	3.59	23.9	39.0	4.22	24.3	41.9	4.71	24.7	45.0	4.93	25.0	46.1	5.03	25.1
		286	35.3	3.52	21.9	39.0	4.15	22.2	41.9	4.62	22.3	45.0	4.85	22.5	46.1	4.95	22.6
		429	35.3	3.46	21.3	39.0	4.07	21.4	41.9	4.54	21.6	45.0	4.76	21.7	46.1	4.85	21.7
	25	143	35.3	4.49	29.0	39.0	5.29	29.4	41.9	5.89	29.8	45.0	6.19	30.1	46.1	6.29	30.3
		286	35.3	4.36	27.0	39.0	5.14	27.2	41.9	5.72	27.4	45.0	6.00	27.6	46.1	6.11	27.6
		429	35.3	4.32	26.3	39.0	5.08	26.5	41.9	5.66	26.6	45.0	5.94	26.7	46.1	6.05	26.7
	30	143	35.3	5.42	34.1	39.0	6.39	34.5	41.9	7.12	34.9	45.0	7.46	35.3	46.1	7.60	35.4
		286	35.3	5.27	32.0	39.0	6.20	32.3	41.9	6.91	32.4	45.0	7.25	32.6	46.1	7.38	32.7
		429	35.3	5.17	31.4	39.0	6.09	31.5	41.9	6.78	31.6	45.0	7.11	31.7	46.1	7.24	31.8
	35	143	35.3	5.89	39.1	39.0	6.92	39.6	41.9	7.72	40.0	45.0	8.09	40.3	46.1	8.24	40.4
		286	35.3	5.73	37.1	39.0	6.74	37.3	41.9	7.51	37.5	45.0	7.87	37.6	46.1	8.02	37.7
		429	35.3	5.56	36.4	39.0	6.56	36.5	41.9	7.31	36.6	45.0	7.66	36.8	46.1	7.80	36.8
	40	143	31.3	6.52	43.8	34.7	7.67	44.2	37.3	8.56	44.6	39.9	8.97	44.9	41.0	9.13	45.0
		286	31.7	6.34	41.9	34.9	7.46	42.1	37.5	8.33	42.3	40.2	8.73	42.5	41.3	8.88	42.5
		429	32.1	6.16	41.3	35.4	7.26	41.4	38.1	8.09	41.5	40.9	8.49	41.6	41.9	8.64	41.7
	45	143	28.2	7.10	48.5	31.1	8.36	49.0	33.4	9.31	49.3	35.9	9.76	49.6	36.7	9.94	49.7
		286	28.4	6.90	46.8	31.4	8.12	47.0	33.7	9.05	47.1	36.1	9.50	47.3	37.1	9.69	47.3
		429	28.8	6.71	46.2	31.8	7.90	46.3	34.2	8.81	46.4	36.7	9.24	46.5	37.6	9.41	46.6

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	143	107.6	22.48	1.5	105.2	21.66	1.6	100.5	21.04	2.0	94.7	19.63	2.5	90.8	17.98	2.7
		286	109.9	21.71	5.6	106.8	21.28	5.7	102.6	20.73	5.9	96.6	19.25	6.1	92.7	17.69	6.2
		429	116.0	21.90	6.9	113.8	21.37	6.9	109.5	20.55	7.0	103.2	19.17	7.2	99.0	17.93	7.3
	15	143	118.8	19.94	5.1	115.6	19.01	5.3	111.0	18.42	5.7	104.0	17.14	6.3	99.9	15.74	6.6
		286	121.9	18.58	9.8	118.9	18.48	10.0	114.6	18.15	10.2	107.7	16.69	10.4	102.7	15.31	10.6
		429	121.1	19.38	11.6	119.6	19.04	11.6	116.7	18.21	11.7	109.4	16.79	11.9	104.9	16.10	12.0
	20	143	122.0	18.92	9.7	119.6	18.10	9.8	115.1	17.38	10.2	108.1	15.86	10.8	103.3	15.09	11.2
		286	124.1	17.85	14.7	123.0	17.82	14.7	118.7	17.24	14.9	111.7	16.24	15.2	107.0	15.57	15.4
		429	124.0	18.04	16.5	122.4	17.71	16.5	120.9	17.51	16.5	113.0	16.38	16.8	108.1	15.77	16.9
	25	143	126.3	17.55	14.1	122.6	17.30	14.4	120.1	16.89	14.7	113.6	15.92	15.2	109.2	15.08	15.6
		286	124.6	17.08	19.6	122.4	17.34	19.7	120.3	16.77	19.8	113.7	15.87	20.1	109.2	15.02	20.3
		429	123.3	16.97	21.4	122.6	16.56	21.5	120.1	16.61	21.5	113.6	15.74	21.7	109.3	14.36	21.8
	30	143	123.6	15.78	19.2	122.5	15.91	19.3	120.2	16.06	19.6	113.7	14.79	20.1	109.2	14.23	20.5
		286	123.7	15.41	24.6	122.6	15.98	24.7	120.1	15.71	24.8	113.6	14.79	25.0	109.4	13.55	25.2
		429	123.7	15.27	26.4	122.4	15.07	26.4	120.3	15.38	26.5	113.8	14.18	26.7	109.1	13.87	26.8
	35	143	123.7	14.85	24.1	122.6	15.32	24.3	120.2	15.89	24.5	113.6	14.49	25.1	109.3	13.38	25.4
		286	123.7	14.87	29.5	122.6	15.55	29.6	120.3	15.66	29.8	113.6	14.56	30.0	109.2	13.33	30.2
		429	123.9	14.63	31.3	122.4	15.02	31.4	120.3	15.27	31.5	113.6	13.91	31.7	109.3	12.77	31.8
	40	143	123.9	13.82	29.0	122.5	14.37	29.2	120.4	15.37	29.5	113.5	14.11	30.0	109.4	13.09	30.3
		286	123.7	13.85	34.5	122.4	14.56	34.6	120.3	14.92	34.7	113.6	13.94	35.0	109.3	12.86	35.2
		429	123.7	13.73	36.3	122.5	13.97	36.4	120.4	15.02	36.5	113.7	13.70	36.7	109.3	12.63	36.8
	45	143	123.7	12.19	33.8	122.5	12.76	34.0	120.2	14.30	34.4	113.5	13.16	34.9	109.3	12.27	35.3
		286	123.7	12.27	39.4	122.6	13.00	39.5	120.3	13.56	39.7	113.7	12.67	39.9	109.2	11.86	40.1
		429	123.7	12.34	41.3	122.5	12.30	41.3	120.3	14.20	41.5	113.7	12.82	41.6	109.3	12.05	41.8
120	10	143	102.6	22.28	2.0	100.2	21.58	2.1	95.7	20.91	2.5	90.1	19.32	2.9	86.0	17.71	3.2
		286	104.2	22.04	5.9	101.6	21.46	6.0	96.7	20.76	6.2	91.5	19.11	6.4	87.3	17.39	6.5
		429	110.2	21.66	7.0	106.5	21.10	7.1	103.3	20.54	7.2	97.4	18.98	7.4	93.2	17.33	7.5
	15	143	113.2	19.56	5.6	109.8	18.83	5.9	105.6	18.17	6.2	99.3	16.88	6.7	94.5	15.48	7.1
		286	115.0	19.20	10.2	112.7	18.80	10.3	108.0	18.12	10.5	101.5	16.70	10.7	96.5	15.10	10.9
		429	114.6	18.89	11.8	111.5	18.43	11.9	109.1	18.20	12.0	102.7	16.78	12.1	97.6	15.21	12.2
	20	143	115.2	18.14	10.3	112.7	17.39	10.4	108.2	16.60	10.8	101.9	15.36	11.3	96.7	14.63	11.8
		286	116.7	17.60	15.0	115.1	17.44	15.1	110.7	16.80	15.3	104.1	15.68	15.6	99.4	14.71	15.8
		429	116.2	17.57	16.7	113.2	17.16	16.8	112.2	16.91	16.8	105.3	15.83	17.0	100.1	14.96	17.2
	25	143	118.6	16.61	14.8	114.4	16.03	15.1	111.6	15.66	15.4	105.3	14.65	15.9	101.0	13.83	16.3
		286	117.2	16.14	19.9	114.5	16.07	20.1	111.4	15.73	20.2	105.2	14.56	20.5	101.0	13.79	20.6
		429	117.0	15.48	21.6	114.5	15.34	21.7	111.4	15.47	21.8	105.4	14.80	22.0	101.1	13.15	22.1
	30	143	116.9	14.61	19.7	114.4	14.68	20.0	111.4	14.63	20.3	105.2	13.29	20.8	101.0	12.73	21.2
		286	117.0	14.27	24.9	114.5	14.53	25.0	111.5	14.39	25.1	105.3	13.25	25.4	101.2	12.09	25.5
		429	116.9	13.77	26.6	114.4	13.78	26.6	111.6	14.02	26.7	105.3	13.05	26.9	101.1	12.40	27.0
	35	143	117.1	13.69	24.6	114.4	13.87	24.9	111.5	14.23	25.3	105.2	12.94	25.7	101.1	11.89	26.1
		286	116.9	13.41	29.8	114.3	13.85	30.0	111.6	13.72	30.1	105.4	12.68	30.4	101.0	11.60	30.5
		429	116.9	12.95	31.5	114.4	13.49	31.6	111.4	13.78	31.7	105.3	12.47	31.9	101.1	11.41	32.0
	40	143	117.0	12.71	29.5	114.3	12.80	29.8	111.5	13.45	30.2	105.3	12.26	30.7	101.0	11.34	31.0
		286	116.9	12.20	34.8	114.4	12.72	34.9	111.5	12.95	35.1	105.2	12.06	35.3	101.0	11.05	35.5
		429	117.0	12.18	36.5	114.4	12.22	36.6	111.5	13.07	36.7	105.4	11.84	36.9	101.1	10.87	37.0
	45	143	116.8	11.23	34.4	114.5	11.16	34.6	111.4	12.16	35.0	105.4	11.13	35.6	101.0	10.31	35.9
		286	117.0	10.52	39.7	114.5	11.00	39.8	111.6	11.69	40.0	105.2	10.87	40.3	101.1	10.09	40.4
		429	117.1	10.98	41.5	114.3	10.53	41.5	111.5	11.88	41.7	105.4	10.66	41.8	101.2	9.93	42.0
110	10	143	98.1	22.53	2.4	95.3	21.70	2.6	90.5	20.99	3.0	85.6	19.33	3.4	81.0	17.75	3.7
		286	99.3	22.13	6.1	96.0	21.45	6.3	91.3	20.73	6.5	86.6	19.12	6.6	81.9	17.39	6.8
		429	104.7	21.84	7.2	101.8	21.08	7.3	97.4	20.39	7.4	91.8	18.81	7.6	87.0	17.35	7.7
	15	143	108.1	19.69	6.1	104.4	19.02	6.4	99.8	18.29	6.8	94.3	16.87	7.2	89.1	15.49	7.6
		286	109.1	19.03	10.5	106.1	18.77	10.6	101.2	18.12	10.8	95.2	16.70	11.1	90.2	15.08	11.2
		429	108.9	18.96	12.0	105.8	18.44	12.1	102.0	17.85	12.2	95.7	16.42	12.4	90.5	15.23	12.5
	20	143	109.3	17.58	10.8	105.9	17.12	11.1	101.4	16.35	11.5	95.1	15.11	12.0	90.3	14.17	12.4
		286	110.0	17.20	15.3	107.0	16.89	15.5	102.6	16.27	15.7	96.6	15.19	15.9	91.2	14.01	16.1
		429	110.1	17.40	16.9	106.8	16.79	17.0	103.6	16.38	17.1	97.2	14.94	17.3	92.2	14.19	17.4
	25	143	111.1	15.49	15.4	106.8	15.05	15.8	103.2	14.74	16.1	97.2	13.62	16.6	92.4	12.60	17.0
		286	110.3	15.21	20.2	106.8	14.95	20.4	103.2	14.63	20.6	97.3	13.53	20.8	92.5	12.51	21.0
		429	110.1	15.43	21.8	106.9	14.96	21.9	103.2	14.39	22.0	97.2	13.76	22.2	92.5	11.92	22.3
	30	143	110.2	13.03	20.3	106.7	13.25	20.6	103.2	13.01	21.0	97.3	12.05	21.5	92.5	11.03	21.8
		286	110.1	12.94	25.1	106.8	13.14	25.3	103.3	12.75	25.5	97.3	11.95	25.7	92.4	10.62	25.9
		429	110.1	12.95	26.8	106.8	12.54	26.9	103.3	12.41	27.0	97.3	11.44	27.1	92.4	10.89	27.3
	35	143	110.3	12.14	25.2	106.8	12.14	25.5	103.2	12.33	25.9	97.3	11.12	26.4	92.5	10.15	26.7
		286	110.3	12.10	30.1	106.7	12.38	30.3	103.1	12.04	30.4	97.3	11.10	30.7	92.5	10.07	30.9
		429	110.2	11.44	31.7	106.6	11.77	31.8	103.2	11.72	31.9	97.2	10.91	32.1	92.4	9.90	32.2
	40	143	110.3	10.98	30.0	106.7	11.31	30.4	103.2	11.54	30.8	97.1	10.43	31.3	92.5	9.55	31.7
		286	110.1	10.95	35.0	106.8	11.24	35.2	103.2	11.02	35.4	97.2	10.45	35.7	92.5	9.53	35.8
		429	110.1	10.90	36.7	106.8	10.65	36.8	103.2	11.12	36.9	97.1	9.85	37.1	92.4	8.97	37.2
	45	143	110.2	9.40	34.9	106.8	9.91	35.3	103.2	10.32	35.7	97.2	9.37	36.2	92.5	8.57	36.6
		286	110.1	9.36	39.9	106.9	9.66	40.1	103.1	9.55	40.3	97.3	9.30	40.6	92.4	8.58	40.8
		429	110.1	9.98	41.7	106.9	9.11	41.7	103.2	10.13	41.9	97.2	8.38	42.0	92.5	7.68	42.2

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2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	143	93.9	22.67	2.9	90.0	22.03	3.2	85.6	21.10	3.5	80.9	19.46	3.8	76.1	17.57	4.1
		286	94.5	22.49	6.4	90.3	21.83	6.6	85.9	20.88	6.7	81.3	19.24	6.9	76.5	17.37	7.0
		429	100.0	22.10	7.4	95.7	21.44	7.5	91.1	20.52	7.6	86.1	18.92	7.8	81.0	17.10	7.9
	15	143	103.5	19.83	6.6	99.0	19.23	7.0	94.5	18.41	7.4	89.1	16.98	7.8	83.7	15.35	8.1
		286	103.5	19.65	10.8	99.0	19.06	11.0	94.5	18.26	11.2	89.1	16.80	11.4	83.7	15.19	11.6
		429	103.5	19.28	12.2	99.0	18.74	12.3	94.5	17.94	12.4	89.1	16.53	12.6	83.7	14.94	12.7
	20	143	103.5	17.47	11.4	99.0	16.95	11.8	94.5	16.21	12.2	89.1	14.94	12.6	83.7	13.52	13.0
		286	103.5	17.30	15.7	99.0	16.79	15.9	94.5	16.11	16.1	89.1	14.81	16.3	83.7	13.37	16.5
		429	103.5	17.00	17.1	99.0	16.50	17.2	94.5	15.79	17.4	89.1	14.54	17.5	83.7	13.14	17.6
	25	143	103.5	14.81	16.1	99.0	14.39	16.5	94.5	13.75	16.9	89.1	12.68	17.3	83.7	11.45	17.8
		286	103.5	14.65	20.5	99.0	14.22	20.8	94.5	13.61	20.9	89.1	12.55	21.2	83.7	11.34	21.4
		429	103.5	14.40	22.0	99.0	13.98	22.2	94.5	13.38	22.3	89.1	12.35	22.4	83.7	11.15	22.6
	30	143	103.5	12.38	20.9	99.0	12.03	21.3	94.5	11.50	21.7	89.1	10.60	22.1	83.7	9.60	22.6
		286	103.5	12.27	25.4	99.0	11.92	25.6	94.5	11.40	25.8	89.1	10.50	26.1	83.7	9.48	26.3
		429	103.5	12.05	26.9	99.0	11.71	27.1	94.5	11.21	27.2	89.1	10.34	27.4	83.7	9.33	27.5
	35	143	103.5	11.26	25.8	99.0	10.94	26.2	94.5	10.45	26.6	89.1	9.65	27.0	83.7	8.70	27.5
		286	103.5	11.15	30.4	99.0	10.82	30.6	94.5	10.36	30.8	89.1	9.56	31.0	83.7	8.63	31.2
		429	103.5	10.96	31.9	99.0	10.64	32.0	94.5	10.18	32.2	89.1	9.40	32.3	83.7	8.48	32.5
	40	143	103.5	10.13	30.6	99.0	9.84	31.1	94.5	9.40	31.5	89.1	8.67	31.9	83.7	7.84	32.4
		286	103.5	10.02	35.3	99.0	9.74	35.5	94.5	9.32	35.7	89.1	8.60	36.0	83.7	7.76	36.2
		429	103.5	9.85	36.9	99.0	9.58	37.0	94.5	9.15	37.1	89.1	8.44	37.3	83.7	7.62	37.5
	45	143	103.5	8.61	35.5	99.0	8.34	35.9	94.5	7.98	36.3	89.1	7.38	36.8	83.7	6.65	37.3
		286	103.5	8.51	40.2	99.0	8.26	40.5	94.5	7.90	40.7	89.1	7.30	40.9	83.7	6.59	41.1
		429	103.5	8.37	41.8	99.0	8.12	42.0	94.5	7.78	42.1	89.1	7.17	42.3	83.7	6.48	42.4
90	10	143	84.7	21.47	3.7	80.9	20.84	4.0	77.0	19.93	4.3	72.9	18.42	4.5	68.5	16.62	4.8
		286	85.1	21.20	6.8	81.2	20.58	7.0	77.4	19.69	7.1	73.2	18.19	7.2	68.8	16.42	7.4
		429	89.9	20.98	7.7	86.1	20.37	7.8	81.9	19.47	7.9	77.5	17.97	8.0	72.8	16.23	8.1
	15	143	93.2	18.78	7.5	89.1	18.25	7.9	84.9	17.42	8.2	80.2	16.09	8.6	75.4	14.55	8.9
		286	93.2	18.54	11.3	89.1	17.98	11.4	84.9	17.21	11.6	80.2	15.88	11.8	75.4	14.33	11.9
		429	93.2	18.32	12.5	89.1	17.77	12.6	84.9	17.02	12.7	80.2	15.70	12.8	75.4	14.18	13.0
	20	143	93.2	16.50	12.3	89.1	16.05	12.7	84.9	15.36	13.0	80.2	14.17	13.4	75.4	12.78	13.7
		286	93.2	16.32	16.1	89.1	15.84	16.3	84.9	15.14	16.5	80.2	13.97	16.7	75.4	12.63	16.9
		429	93.2	16.12	17.4	89.1	15.65	17.5	84.9	14.99	17.7	80.2	13.81	17.8	75.4	12.49	17.9
	25	143	93.2	14.08	17.1	89.1	13.67	17.4	84.9	13.07	17.8	80.2	12.05	18.2	75.4	10.88	18.5
		286	93.2	13.91	21.0	89.1	13.50	21.2	84.9	12.91	21.4	80.2	11.91	21.6	75.4	10.75	21.8
		429	93.2	13.62	22.3	89.1	13.22	22.5	84.9	12.66	22.6	80.2	11.68	22.7	75.4	10.55	22.8
	30	143	93.2	11.75	21.8	89.1	11.40	22.2	84.9	10.91	22.6	80.2	10.07	23.0	75.4	9.10	23.4
		286	93.2	11.61	25.9	89.1	11.27	26.1	84.9	10.77	26.3	80.2	9.94	26.5	75.4	8.98	26.7
		429	93.2	11.48	27.3	89.1	11.14	27.4	84.9	10.67	27.5	80.2	9.84	27.6	75.4	8.88	27.8
	35	143	93.2	10.65	26.7	89.1	10.34	27.1	84.9	9.88	27.5	80.2	9.13	27.9	75.4	8.24	28.3
		286	93.2	10.53	30.9	89.1	10.22	31.0	84.9	9.78	31.2	80.2	9.04	31.4	75.4	8.15	31.6
		429	93.2	10.41	32.2	89.1	10.10	32.4	84.9	9.67	32.5	80.2	8.93	32.6	75.4	8.05	32.7
	40	143	93.2	9.59	31.6	89.1	9.31	32.0	84.9	8.89	32.4	80.2	8.20	32.8	75.4	7.42	33.2
		286	93.2	9.48	35.8	89.1	9.21	36.0	84.9	8.80	36.2	80.2	8.12	36.4	75.4	7.34	36.6
		429	93.2	9.36	37.2	89.1	9.09	37.3	84.9	8.70	37.5	80.2	8.03	37.6	75.4	7.26	37.7
	45	143	93.2	8.14	36.5	89.1	7.89	36.9	84.9	7.56	37.2	80.2	6.97	37.7	75.4	6.29	38.1
		286	93.2	8.05	40.7	89.1	7.81	40.9	84.9	7.48	41.1	80.2	6.90	41.3	75.4	6.23	41.5
		429	93.2	7.96	42.2	89.1	7.72	42.3	84.9	7.38	42.4	80.2	6.81	42.5	75.4	6.16	42.7
80	10	143	75.3	19.10	4.4	71.8	18.53	4.7	68.4	17.73	4.9	64.8	16.38	5.2	60.8	14.78	5.4
		286	75.5	18.88	7.2	72.3	18.36	7.3	68.7	17.54	7.4	65.1	16.20	7.6	61.1	14.63	7.7
		429	80.0	18.73	8.0	76.5	18.18	8.1	72.9	17.42	8.1	68.9	16.06	8.2	64.7	14.52	8.3
	15	143	82.7	16.67	8.4	79.2	16.19	8.7	75.4	15.49	9.0	71.1	14.29	9.3	67.0	12.90	9.6
		286	82.7	16.51	11.7	79.2	16.04	11.8	75.4	15.35	12.0	71.1	14.15	12.1	67.0	12.79	12.3
		429	82.7	16.38	12.8	79.2	15.89	12.9	75.4	15.21	13.0	71.1	14.05	13.1	67.0	12.67	13.2
	20	143	82.7	14.67	13.2	79.2	14.25	13.5	75.4	13.62	13.8	71.1	12.58	14.1	67.0	11.35	14.4
		286	82.6	14.55	16.6	79.2	14.12	16.7	75.4	13.51	16.9	71.1	12.44	17.1	67.0	11.26	17.2
		429	82.7	14.41	17.7	79.2	13.99	17.8	75.4	13.41	17.9	71.1	12.35	18.0	67.0	11.16	18.1
	25	143	82.7	12.59	18.0	79.2	12.22	18.3	75.4	11.70	18.6	71.1	10.79	19.0	67.0	9.75	19.3
		286	82.7	12.40	21.5	79.2	12.04	21.6	75.4	11.52	21.8	71.1	10.64	22.0	67.0	9.60	22.1
		429	82.7	12.17	22.6	79.2	11.83	22.7	75.4	11.32	22.9	71.1	10.45	23.0	67.0	9.42	23.1
	30	143	82.6	10.43	22.8	79.2	10.13	23.1	75.4	9.69	23.4	71.1	8.94	23.8	67.0	8.08	24.1
		286	82.7	10.39	26.4	79.2	10.08	26.5	75.4	9.64	26.7	71.1	8.90	26.9	67.0	8.03	27.0
		429	82.7	10.22	27.6	79.2	9.91	27.7	75.4	9.48	27.8	71.1	8.74	27.9	67.0	7.90	28.0
	35	143	82.7	9.51	27.7	79.2	9.24	28.0	75.4	8.84	28.3	71.1	8.15	28.7	67.0	7.36	29.0
		286	82.7	9.47	31.3	79.2	9.18	31.5	75.4	8.79	31.7	71.1	8.12	31.8	67.0	7.32	32.0
		429	82.7	9.24	32.5	79.2	8.97	32.7	75.4	8.59	32.8	71.1	7.93	32.9	67.0	7.16	33.0
	40	143	82.7	8.57	32.6	79.2	8.31	32.9	75.4	7.96	33.2	71.1	7.34	33.6	67.0	6.63	33.9
		286	82.7	8.51	36.3	79.2	8.27	36.4	75.4	7.91	36.6	71.1	7.29	36.8	67.0	6.59	37.0
		429	82.7	8.32	37.5	79.2	8.08	37.6	75.4	7.73	37.7	71.1	7.12	37.9	67.0	6.43	38.0
	45	143	82.7	7.27	37.4	79.2	7.06	37.8	75.4	6.76	38.1	71.1	6.23	38.5	67.0	5.63	38.8
		286	82.7	7.23	41.2	79.2	7.02	41.4	75.4	6.71	41.6	71.1	6.19	41.7	67.0	5.59	41.9
		429	82.7	7.06	42.5	79.2	6.85	42.6	75.4	6.56	42.7	71.1	6.05	42.8	67.0	5.47	42.9

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	143	65.8	15.81	5.0	63.0	15.35	5.2	59.9	14.70	5.5	56.7	13.56	5.7	53.2	12.23	5.9
		286	66.1	15.74	7.5	63.2	15.30	7.6	60.2	14.63	7.7	57.0	13.49	7.8	53.5	12.18	7.9
		429	70.1	15.39	8.2	66.9	14.95	8.3	63.8	14.31	8.3	60.4	13.17	8.4	56.6	11.92	8.5
	15	143	72.4	13.83	9.1	69.3	13.43	9.4	66.0	12.85	9.7	62.4	11.85	9.9	58.7	10.70	10.2
		286	72.4	13.77	12.1	69.3	13.36	12.2	66.0	12.78	12.3	62.4	11.78	12.5	58.7	10.66	12.6
		429	72.4	13.46	13.0	69.3	13.07	13.1	66.0	12.49	13.2	62.4	11.51	13.3	58.7	10.41	13.4
	20	143	72.4	12.15	14.0	69.3	11.81	14.2	66.0	11.31	14.5	62.4	10.44	14.8	58.7	9.42	15.1
		286	72.4	12.11	17.0	69.3	11.76	17.1	66.0	11.24	17.3	62.4	10.38	17.4	58.7	9.37	17.5
		429	72.4	11.85	18.0	69.3	11.51	18.1	66.0	10.99	18.2	62.4	10.14	18.3	58.7	9.17	18.3
	25	143	72.4	10.37	18.8	69.3	10.06	19.1	66.0	9.63	19.4	62.4	8.88	19.6	58.7	8.03	19.9
		286	72.4	10.27	21.9	69.3	9.98	22.0	65.9	9.54	22.2	62.4	8.80	22.3	58.7	7.95	22.5
		429	72.4	10.09	22.9	69.3	9.78	23.0	66.0	9.37	23.1	62.4	8.64	23.2	58.7	7.81	23.3
	30	143	72.4	8.67	23.6	69.3	8.42	23.9	66.0	8.05	24.2	62.4	7.42	24.5	58.7	6.70	24.8
		286	72.4	8.59	26.8	69.3	8.35	26.9	66.0	7.98	27.1	62.4	7.36	27.2	58.7	6.65	27.4
		429	72.4	8.46	27.9	69.3	8.21	28.0	66.0	7.86	28.1	62.4	7.25	28.2	58.7	6.55	28.3
	35	143	72.4	7.93	28.5	69.3	7.70	28.8	66.0	7.36	29.1	62.4	6.79	29.4	58.7	6.14	29.7
		286	72.4	7.78	31.8	69.3	7.56	31.9	65.9	7.22	32.1	62.4	6.67	32.2	58.7	6.02	32.4
		429	72.4	7.70	32.8	69.3	7.47	32.9	66.0	7.14	33.0	62.4	6.59	33.1	58.7	5.95	33.2
	40	143	72.4	7.14	33.5	69.3	6.93	33.7	66.0	6.63	34.0	62.4	6.12	34.4	58.7	5.52	34.7
		286	72.4	7.01	36.7	69.3	6.79	36.9	66.0	6.51	37.0	62.4	5.99	37.2	58.7	5.43	37.3
		429	72.4	6.92	37.8	69.3	6.72	37.9	66.0	6.43	38.0	62.4	5.93	38.1	58.7	5.35	38.2
	45	143	72.4	6.06	38.4	69.3	5.89	38.6	66.0	5.63	39.0	62.4	5.19	39.3	58.7	4.69	39.6
		286	72.4	5.95	41.7	69.3	5.78	41.8	66.0	5.52	42.0	62.4	5.09	42.1	58.7	4.61	42.3
		429	72.4	5.88	42.8	69.3	5.70	42.9	66.0	5.46	43.0	62.4	5.04	43.1	58.7	4.55	43.2
60	10	143	56.4	13.06	5.7	53.9	12.69	5.9	51.4	12.15	6.1	48.6	11.19	6.3	45.7	10.11	6.4
		286	56.6	12.81	7.8	54.2	12.43	7.9	51.6	11.91	8.0	48.8	10.98	8.1	45.8	9.92	8.2
		429	60.0	12.72	8.4	57.4	12.35	8.5	54.6	11.82	8.6	51.7	10.90	8.6	48.6	9.83	8.7
	15	143	62.1	11.41	9.9	59.4	11.08	10.2	56.6	10.61	10.4	53.5	9.78	10.6	50.2	8.84	10.9
		286	62.1	11.20	12.4	59.4	10.87	12.6	56.6	10.41	12.7	53.5	9.60	12.8	50.2	8.67	12.9
		429	62.1	11.12	13.3	59.4	10.79	13.4	56.6	10.32	13.5	53.5	9.52	13.5	50.2	8.60	13.6
	20	143	62.1	10.05	14.8	59.4	9.76	15.0	56.6	9.35	15.3	53.5	8.60	15.5	50.2	7.78	15.7
		286	62.1	9.85	17.4	59.4	9.57	17.5	56.6	9.14	17.6	53.5	8.44	17.7	50.2	7.62	17.9
		429	62.1	9.78	18.3	59.4	9.50	18.3	56.6	9.08	18.4	53.5	8.38	18.5	50.2	7.57	18.6
	25	143	62.1	8.50	19.6	59.4	8.27	19.9	56.6	7.91	20.1	53.5	7.29	20.4	50.2	6.59	20.6
		286	62.1	8.40	22.3	59.4	8.16	22.4	56.6	7.79	22.6	53.5	7.19	22.7	50.2	6.50	22.8
		429	62.1	8.25	23.2	59.4	8.01	23.3	56.6	7.66	23.4	53.5	7.06	23.4	50.2	6.39	23.5
	30	143	62.1	7.08	24.5	59.4	6.88	24.7	56.6	6.57	25.0	53.5	6.07	25.2	50.2	5.48	25.5
		286	62.1	6.98	27.2	59.4	6.78	27.4	56.6	6.49	27.5	53.5	5.98	27.6	50.2	5.40	27.8
		429	62.1	6.91	28.2	59.4	6.71	28.2	56.6	6.42	28.3	53.5	5.91	28.4	50.2	5.34	28.5
	35	143	62.1	6.42	29.4	59.4	6.24	29.7	56.6	5.96	29.9	53.5	5.51	30.2	50.2	4.97	30.5
		286	62.1	6.42	32.2	59.4	6.22	32.3	56.6	5.96	32.5	53.5	5.49	32.6	50.2	4.97	32.7
		429	62.1	6.30	33.1	59.4	6.11	33.2	56.6	5.85	33.3	53.5	5.40	33.4	50.2	4.87	33.5
	40	143	62.1	5.77	34.4	59.4	5.60	34.6	56.6	5.36	34.9	53.5	4.95	35.1	50.2	4.48	35.4
		286	62.1	5.76	37.2	59.4	5.60	37.3	56.6	5.36	37.4	53.5	4.94	37.6	50.2	4.47	37.7
		429	62.1	5.66	38.1	59.4	5.50	38.2	56.6	5.25	38.3	53.5	4.86	38.4	50.2	4.38	38.5
	45	143	62.1	4.90	39.3	59.4	4.76	39.5	56.6	4.55	39.8	53.5	4.21	40.1	50.2	3.79	40.3
		286	62.1	4.89	42.1	59.4	4.76	42.3	56.6	4.55	42.4	53.5	4.19	42.5	50.2	3.79	42.7
		429	62.1	4.81	43.1	59.4	4.66	43.2	56.6	4.46	43.3	53.5	4.12	43.4	50.2	3.72	43.4
50	10	143	47.0	9.97	6.3	44.9	9.69	6.5	42.8	9.27	6.6	40.5	8.54	6.8	38.0	7.72	7.0
		286	47.2	9.88	8.1	45.2	9.59	8.2	43.0	9.18	8.3	40.6	8.45	8.4	38.2	7.65	8.5
		429	50.0	9.81	8.7	47.8	9.53	8.7	45.5	9.11	8.8	43.1	8.41	8.8	40.5	7.59	8.9
	15	143	51.8	8.72	10.7	49.5	8.45	10.9	47.1	8.09	11.1	44.6	7.46	11.3	41.9	6.75	11.5
		286	51.8	8.63	12.8	49.5	8.36	12.9	47.1	8.01	13.0	44.6	7.39	13.1	41.9	6.67	13.2
		429	51.8	8.58	13.6	49.5	8.33	13.6	47.1	7.96	13.7	44.6	7.35	13.8	41.9	6.64	13.8
	20	143	51.8	7.66	15.6	49.5	7.44	15.8	47.1	7.13	16.0	44.6	6.57	16.2	41.9	5.93	16.4
		286	51.8	7.59	17.8	49.5	7.38	17.9	47.1	7.05	18.0	44.6	6.50	18.1	41.9	5.88	18.2
		429	51.8	7.56	18.5	49.5	7.34	18.6	47.1	7.02	18.7	44.6	6.48	18.7	41.9	5.84	18.8
	25	143	51.8	6.53	20.5	49.5	6.34	20.7	47.1	6.07	20.9	44.6	5.60	21.1	41.9	5.06	21.3
		286	51.8	6.39	22.7	49.5	6.20	22.8	47.1	5.93	22.9	44.6	5.48	23.0	41.9	4.95	23.1
		429	51.8	6.42	23.5	49.5	6.24	23.6	47.1	5.97	23.6	44.6	5.50	23.7	41.9	4.96	23.8
	30	143	51.8	5.50	25.4	49.5	5.34	25.6	47.1	5.11	25.8	44.6	4.71	26.0	41.9	4.26	26.2
		286	51.8	5.38	27.7	49.5	5.22	27.8	47.1	4.99	27.9	44.6	4.61	28.0	41.9	4.17	28.1
		429	51.8	5.35	28.4	49.5	5.19	28.5	47.1	4.96	28.6	44.6	4.58	28.7	41.9	4.14	28.7
	35	143	51.8	4.99	30.3	49.5	4.85	30.5	47.1	4.63	30.7	44.6	4.28	31.0	41.9	3.86	31.2
		286	51.8	4.89	32.6	49.5	4.74	32.8	47.1	4.53	32.9	44.6	4.19	33.0	41.9	3.78	33.1
		429	51.8	4.81	33.4	49.5	4.67	33.5	47.1	4.47	33.6	44.6	4.13	33.6	41.9	3.73	33.7
	40	143	51.8	4.48	35.3	49.5	4.36	35.5	47.1	4.16	35.7	44.6	3.85	35.9	41.9	3.47	36.1
		286	51.8	4.39	37.6	49.5	4.27	37.7	47.1	4.08	37.8	44.6	3.76	38.0	41.9	3.40	38.1
		429	51.8	4.34	38.4	49.5	4.21	38.5	47.1	4.02	38.6	44.6	3.72	38.6	41.9	3.35	38.7
	45	143	51.8	3.81	40.2	49.5	3.69	40.4	47.1	3.54	40.6	44.6	3.27	40.9	41.9	2.95	41.1
		286	51.8	3.73	42.6	49.5	3.62	42.7	47.1	3.46	42.8	44.6	3.20	42.9	41.9	2.89	43.0
		429	51.8	3.68	43.4	49.5	3.57	43.5	47.1	3.41	43.5	44.6	3.15	43.6	41.9	2.85	43.7

1-12. AM320FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	152	89.8	6.54	19.1	98.7	7.77	20.0	106.0	8.52	20.8	113.8	9.07	21.6	116.6	9.15	21.9
		304	89.7	6.39	14.5	98.7	7.54	15.0	106.1	8.41	15.4	113.7	8.84	15.8	116.8	9.02	15.9
		456	89.7	6.31	13.0	98.5	7.42	13.3	106.2	8.16	13.6	113.6	8.57	13.8	116.8	8.80	13.9
	15	152	88.1	8.42	24.1	96.9	9.99	25.1	104.7	11.11	25.9	111.7	11.63	26.6	114.7	11.87	26.9
		304	88.2	8.29	19.5	97.0	9.78	20.0	104.6	10.91	20.4	111.8	11.46	20.8	114.7	11.70	21.0
		456	88.1	8.08	18.0	97.0	9.55	18.3	104.7	10.57	18.6	111.8	11.08	18.9	114.8	11.42	19.0
	20	152	86.9	10.05	29.1	95.8	11.78	30.1	103.3	13.13	31.0	110.1	13.79	31.7	113.2	14.05	32.0
		304	87.0	9.85	24.6	95.8	11.57	25.1	103.3	12.92	25.5	110.3	13.60	25.8	113.3	13.88	26.0
		456	86.9	9.51	23.0	95.7	11.23	23.4	103.2	12.57	23.6	110.1	13.09	23.9	113.2	13.49	24.0
	25	152	86.8	12.61	34.4	95.7	14.86	35.4	103.3	16.55	36.3	110.1	17.36	37.0	113.2	17.70	37.3
		304	86.9	12.43	29.7	95.8	14.62	30.2	103.4	16.24	30.6	110.1	17.14	31.0	113.2	17.43	31.2
		456	86.9	12.01	28.1	95.8	14.19	28.5	103.3	15.81	28.7	110.2	16.60	29.0	113.3	17.05	29.1
	30	152	87.0	14.80	39.6	95.7	17.40	40.7	103.3	19.40	41.6	110.3	20.33	42.3	113.3	20.76	42.6
		304	87.0	14.55	34.8	95.8	17.14	35.3	103.3	19.11	35.8	110.2	20.08	36.1	113.4	20.45	36.3
		456	86.9	14.08	33.2	95.8	16.57	33.5	103.3	18.49	33.8	110.3	19.39	34.1	113.3	19.92	34.2
	35	152	82.2	15.39	44.2	90.7	18.14	45.3	97.7	20.26	46.1	104.6	21.21	46.9	107.0	21.57	47.1
		304	82.2	15.09	39.6	90.7	17.80	40.1	97.6	19.84	40.5	104.7	20.92	40.9	106.9	21.35	41.0
		456	82.1	14.72	38.0	90.7	17.27	38.4	97.8	19.21	38.7	104.6	20.22	38.9	107.1	20.74	39.0
	40	152	68.6	16.05	48.0	75.6	18.90	48.9	81.5	21.03	49.7	87.2	22.08	50.3	89.6	22.54	50.6
		304	69.2	15.78	44.0	76.2	18.58	44.5	82.2	20.67	44.8	87.7	21.71	45.2	90.3	22.24	45.3
		456	70.2	15.29	42.7	77.2	17.95	43.0	83.2	20.08	43.2	89.2	21.06	43.5	91.7	21.66	43.6
	45	152	57.2	16.59	52.0	62.8	19.51	52.8	67.5	21.75	53.4	72.4	22.78	54.0	74.4	23.24	54.2
		304	57.7	16.30	48.5	63.2	19.21	48.9	68.2	21.37	49.2	72.9	22.50	49.5	74.8	22.98	49.6
		456	58.5	15.76	47.3	64.3	18.54	47.6	69.1	20.74	47.8	74.0	21.76	48.0	76.0	22.41	48.1
120	10	152	84.9	6.21	18.6	93.5	7.36	19.5	100.8	8.09	20.3	107.6	8.55	21.0	110.4	8.65	21.2
		304	85.0	6.12	14.3	93.5	7.21	14.7	100.8	7.95	15.1	107.7	8.36	15.5	110.4	8.54	15.6
		456	85.0	5.85	12.9	93.5	7.05	13.2	100.9	7.70	13.4	107.6	8.13	13.6	110.5	8.42	13.7
	15	152	84.1	8.08	23.7	92.2	9.52	24.6	99.6	10.64	25.4	106.5	11.13	26.1	109.2	11.32	26.4
		304	84.1	7.94	19.3	92.3	9.35	19.8	99.4	10.44	20.2	106.3	10.94	20.5	109.1	11.15	20.7
		456	84.0	7.69	17.9	92.3	9.12	18.2	99.6	10.09	18.4	106.5	10.61	18.7	109.2	10.94	18.8
	20	152	83.1	9.66	28.7	91.3	11.33	29.7	98.5	12.60	30.5	105.5	13.28	31.2	108.2	13.50	31.5
		304	83.1	9.44	24.4	91.2	11.10	24.8	98.5	12.44	25.2	105.5	13.07	25.6	108.1	13.28	25.7
		456	83.2	9.17	22.9	91.3	10.82	23.2	98.5	12.07	23.5	105.5	12.60	23.7	108.1	12.96	23.8
	25	152	83.2	12.11	34.0	91.2	14.23	34.9	98.6	15.83	35.8	105.4	16.65	36.5	108.1	16.97	36.8
		304	83.2	11.89	29.5	91.3	14.03	30.0	98.5	15.59	30.4	105.3	16.38	30.7	108.1	16.70	30.9
		456	83.1	11.48	28.0	91.3	13.58	28.3	98.6	15.17	28.6	105.4	15.88	28.8	108.1	16.26	28.9
	30	152	83.2	14.30	39.2	91.3	16.82	40.2	98.6	18.72	41.1	105.4	19.68	41.8	108.1	20.05	42.1
		304	83.1	14.05	34.6	91.3	16.51	35.1	98.6	18.49	35.5	105.4	19.35	35.9	108.1	19.73	36.0
		456	83.0	13.57	33.0	91.4	15.99	33.4	98.6	17.86	33.7	105.3	18.77	33.9	108.1	19.21	34.0
	35	152	79.9	15.05	44.0	87.9	17.78	45.0	95.1	19.85	45.8	101.3	20.74	46.5	104.0	21.15	46.8
		304	79.7	14.80	39.5	88.0	17.45	40.0	94.9	19.43	40.4	101.3	20.46	40.7	104.0	20.87	40.9
		456	79.8	14.38	38.0	87.9	16.93	38.3	95.0	18.81	38.6	101.2	19.76	38.8	103.9	20.29	38.9
	40	152	68.0	16.00	47.9	74.9	18.88	48.8	80.8	21.00	49.6	86.2	22.04	50.2	88.6	22.51	50.5
		304	68.7	15.75	44.0	75.6	18.55	44.4	81.4	20.63	44.8	86.8	21.69	45.1	89.4	22.15	45.3
		456	69.5	15.24	42.7	76.5	17.98	43.0	82.7	20.04	43.2	88.2	21.07	43.4	90.7	21.59	43.5
	45	152	57.8	16.82	52.0	64.0	19.80	52.9	69.0	22.13	53.6	73.6	23.15	54.1	75.5	23.66	54.3
		304	58.3	16.59	48.5	64.4	19.48	49.0	69.6	21.71	49.3	74.1	22.84	49.6	76.1	23.32	49.7
		456	59.1	15.98	47.4	65.4	18.92	47.7	70.7	21.07	47.9	75.2	22.16	48.1	77.1	22.61	48.1
110	10	152	80.2	5.81	18.1	88.0	6.96	19.0	95.0	7.62	19.7	101.6	8.10	20.3	103.9	8.16	20.6
		304	80.3	5.73	14.1	88.0	6.75	14.5	95.1	7.49	14.8	101.5	7.94	15.2	104.0	8.00	15.3
		456	80.3	5.56	12.7	88.0	6.58	13.0	95.1	7.35	13.2	101.5	7.67	13.4	103.9	7.89	13.5
	15	152	79.6	7.69	23.2	87.4	9.09	24.1	94.5	10.15	24.9	101.1	10.61	25.5	103.6	10.84	25.8
		304	79.5	7.57	19.1	87.4	8.91	19.5	94.5	9.96	19.9	101.1	10.47	20.3	103.6	10.64	20.4
		456	79.6	7.35	17.7	87.4	8.67	18.0	94.4	9.68	18.3	101.0	10.12	18.5	103.7	10.38	18.6
	20	152	79.3	9.28	28.3	87.2	10.88	29.2	94.1	12.12	30.0	100.3	12.71	30.7	103.0	12.95	30.9
		304	79.2	9.08	24.2	87.1	10.67	24.6	94.1	11.91	25.0	100.4	12.52	25.3	103.0	12.76	25.5
		456	79.2	8.82	22.8	87.0	10.37	23.1	93.9	11.60	23.3	100.4	12.13	23.5	103.1	12.38	23.6
	25	152	79.3	11.60	33.6	87.0	13.62	34.5	94.1	15.17	35.3	100.3	15.90	36.0	103.1	16.19	36.2
		304	79.2	11.41	29.3	87.0	13.42	29.7	94.0	14.91	30.1	100.3	15.67	30.5	103.0	15.93	30.6
		456	79.3	11.00	27.8	87.0	12.97	28.1	94.1	14.49	28.4	100.3	15.21	28.6	103.1	15.50	28.7
	30	152	79.3	13.78	38.8	87.1	16.20	39.7	94.1	18.06	40.6	100.3	18.96	41.2	103.1	19.31	41.5
		304	79.3	13.56	34.4	87.0	15.94	34.9	94.0	17.80	35.3	100.3	18.65	35.6	103.0	18.97	35.8
		456	79.2	13.10	32.9	87.0	15.44	33.2	94.0	17.23	33.5	100.4	18.05	33.7	103.0	18.47	33.8
	35	152	77.4	14.73	43.7	85.7	17.39	44.7	92.1	19.41	45.5	98.7	20.29	46.2	100.9	20.68	46.5
		304	77.5	14.47	39.3	85.5	17.06	39.8	91.9	19.01	40.2	98.4	19.99	40.6	101.0	20.38	40.7
		456	77.5	14.06	37.9	85.6	16.53	38.2	92.0	18.38	38.5	98.6	19.34	38.7	100.9	19.77	38.8
	40	152	67.4	16.01	47.9	74.3	18.87	48.8	79.9	20.96	49.5	85.6	22.01	50.1	88.2	22.47	50.4
		304	67.9	15.70	43.9	74.9	18.53	44.4	80.5	20.64	44.8	86.2	21.60	45.1	88.6	22.10	45.2
		456	69.0	15.24	42.6	75.8	17.94	42.9	81.6	20.00	43.2	87.5	21.03	43.4	90.0	21.45	43.5
	45	152	59.0	17.17	52.2	64.9	20.13	53.0	69.8	22.48	53.7	75.1	23.53	54.3	77.0	24.01	54.5
		304	59.5	16.81	48.6	65.4	19.81	49.0	70.4	22.08	49.4	75.6	23.23	49.7	77.6	23.65	49.8
		456	60.3	16.22	47.4	66.4	19.23	47.7	71.5	21.41	47.9	76.8	22.52	48.1	78.8	22.92	48.2

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	152	75.4	5.53	17.6	83.2	6.50	18.5	89.6	7.25	19.1	95.9	7.62	19.8	98.3	7.75	20.0
		304	75.4	5.43	13.8	83.2	6.39	14.2	89.6	7.13	14.6	95.9	7.47	14.9	98.3	7.62	15.0
		456	75.4	5.27	12.5	83.2	6.20	12.8	89.6	6.92	13.0	95.9	7.25	13.2	98.3	7.38	13.3
	15	152	75.4	7.37	22.8	83.2	8.69	23.7	89.6	9.68	24.4	95.9	10.16	25.0	98.3	10.34	25.2
		304	75.4	7.25	18.9	83.2	8.55	19.3	89.6	9.52	19.7	95.9	9.98	20.0	98.3	10.16	20.1
		456	75.4	7.03	17.6	83.2	8.28	17.9	89.6	9.23	18.1	95.9	9.67	18.3	98.3	9.86	18.4
	20	152	75.4	8.89	27.9	83.2	10.49	28.8	89.6	11.66	29.5	95.9	12.25	30.2	98.3	12.46	30.4
		304	75.4	8.74	24.0	83.2	10.29	24.4	89.6	11.45	24.8	95.9	12.02	25.1	98.3	12.26	25.2
		456	75.4	8.47	22.6	83.2	9.97	22.9	89.6	11.12	23.2	95.9	11.66	23.4	98.3	11.87	23.5
	25	152	75.4	11.08	33.2	83.2	13.03	34.1	89.6	14.54	34.8	95.9	15.24	35.5	98.3	15.55	35.7
		304	75.4	10.89	29.1	83.2	12.83	29.5	89.6	14.27	29.9	95.9	14.99	30.2	98.3	15.28	30.4
		456	75.4	10.56	27.7	83.2	12.43	28.0	89.6	13.86	28.3	95.9	14.54	28.5	98.3	14.80	28.6
	30	152	75.4	13.32	38.4	83.2	15.68	39.3	89.6	17.46	40.1	95.9	18.32	40.8	98.3	18.69	41.0
		304	75.4	13.08	34.2	83.2	15.41	34.6	89.6	17.23	35.0	95.9	18.01	35.4	98.3	18.34	35.5
		456	75.4	12.68	32.8	83.2	14.93	33.1	89.6	16.65	33.3	95.9	17.44	33.6	98.3	17.79	33.6
	35	152	75.4	14.45	43.5	83.2	17.05	44.5	89.6	19.01	45.2	95.9	19.92	45.9	98.3	20.30	46.2
		304	75.4	14.21	39.2	83.2	16.73	39.7	89.6	18.64	40.1	95.9	19.59	40.4	98.3	19.96	40.6
		456	75.4	13.79	37.8	83.2	16.22	38.1	89.6	18.07	38.4	95.9	18.97	38.6	98.3	19.32	38.7
	40	152	67.0	16.03	47.8	73.9	18.89	48.7	79.5	21.01	49.5	85.2	22.06	50.1	87.4	22.48	50.4
		304	67.5	15.77	43.9	74.5	18.56	44.4	80.1	20.67	44.8	85.9	21.67	45.1	88.1	22.10	45.2
		456	68.5	15.28	42.6	75.5	17.98	42.9	81.3	20.04	43.2	87.2	21.05	43.4	89.4	21.41	43.5
	45	152	60.1	17.47	52.3	66.3	20.52	53.2	71.3	22.91	53.9	76.5	24.01	54.5	78.5	24.45	54.7
		304	60.6	17.16	48.7	66.8	20.21	49.1	71.9	22.50	49.5	77.1	23.61	49.7	79.1	24.06	49.9
		456	61.5	16.62	47.5	67.9	19.60	47.7	73.0	21.83	48.0	78.3	22.89	48.2	80.2	23.29	48.3
90	10	152	67.8	5.23	16.9	74.8	6.16	17.6	80.5	6.86	18.2	86.2	7.19	18.8	88.5	7.34	19.0
		304	67.8	5.13	13.4	74.8	6.04	13.8	80.5	6.72	14.1	86.2	7.05	14.4	88.5	7.20	14.5
		456	67.8	5.00	12.3	74.8	5.90	12.5	80.5	6.56	12.7	86.2	6.88	12.9	88.5	7.01	13.0
	15	152	67.8	6.99	22.1	74.8	8.22	22.8	80.5	9.16	23.5	86.2	9.61	24.0	88.5	9.79	24.3
		304	67.8	6.85	18.5	74.8	8.06	18.9	80.5	8.98	19.2	86.2	9.42	19.5	88.5	9.60	19.6
		456	67.8	6.67	17.3	74.8	7.86	17.6	80.5	8.76	17.8	86.2	9.18	18.0	88.5	9.35	18.1
	20	152	67.8	8.42	27.2	74.8	9.92	28.0	80.5	11.04	28.6	86.2	11.59	29.2	88.5	11.79	29.5
		304	67.8	8.26	23.6	74.8	9.72	24.0	80.5	10.82	24.3	86.2	11.35	24.6	88.5	11.56	24.7
		456	67.8	8.04	22.4	74.8	9.47	22.6	80.5	10.55	22.9	86.2	11.07	23.1	88.5	11.29	23.1
	25	152	67.8	10.54	32.4	74.8	12.39	33.2	80.5	13.81	33.9	86.2	14.50	34.5	88.5	14.76	34.7
		304	67.8	10.34	28.7	74.8	12.16	29.1	80.5	13.55	29.4	86.2	14.23	29.7	88.5	14.50	29.9
		456	67.8	9.97	27.4	74.8	11.76	27.7	80.5	13.10	27.9	86.2	13.74	28.1	88.5	14.01	28.2
	30	152	67.8	12.62	37.6	74.8	14.87	38.5	80.5	16.54	39.2	86.2	17.37	39.8	88.5	17.70	40.0
		304	67.8	12.39	33.8	74.8	14.59	34.2	80.5	16.24	34.6	86.2	17.06	34.9	88.5	17.34	35.0
		456	67.8	12.07	32.5	74.8	14.21	32.8	80.5	15.83	33.0	86.2	16.61	33.2	88.5	16.92	33.3
	35	152	67.8	13.69	42.7	74.8	16.12	43.6	80.5	17.95	44.3	86.2	18.84	44.9	88.5	19.21	45.2
		304	67.8	13.43	38.8	74.8	15.83	39.3	80.5	17.63	39.6	86.2	18.51	39.9	88.5	18.84	40.1
		456	67.8	13.10	37.5	74.8	15.42	37.8	80.5	17.19	38.1	86.2	18.03	38.3	88.5	18.38	38.4
	40	152	60.3	15.16	47.1	66.5	17.87	48.0	71.4	19.90	48.6	76.7	20.88	49.2	78.7	21.27	49.4
		304	60.7	14.89	43.6	67.1	17.54	44.0	72.0	19.56	44.3	77.4	20.49	44.6	79.2	20.87	44.7
		456	61.6	14.52	42.4	68.0	17.10	42.7	73.1	19.03	42.9	78.4	19.99	43.1	80.4	20.34	43.2
	45	152	54.1	16.51	51.7	59.7	19.47	52.5	64.2	21.66	53.1	68.8	22.74	53.6	70.7	23.17	53.9
		304	54.6	16.19	48.3	60.2	19.11	48.7	64.7	21.29	49.1	69.4	22.30	49.3	71.1	22.72	49.4
		456	67.7	5.25	47.3	61.1	18.61	47.5	65.6	20.73	47.7	70.4	21.74	47.9	72.1	22.14	48.0
80	10	152	60.3	4.57	16.1	66.5	5.47	16.8	71.5	6.10	17.3	76.6	6.40	17.8	78.6	6.51	18.0
		304	60.3	4.43	13.1	66.5	5.38	13.4	71.5	6.00	13.7	76.6	6.29	13.9	78.6	6.41	14.0
		456	60.3	6.26	12.1	66.5	5.27	12.3	71.5	5.86	12.4	76.6	6.16	12.6	78.6	6.27	12.7
	15	152	60.3	6.10	21.3	66.5	7.32	22.0	71.5	8.14	22.5	76.6	8.54	23.0	78.6	8.70	23.2
		304	60.3	5.92	18.1	66.5	7.18	18.5	71.5	8.00	18.7	76.6	8.39	19.0	78.6	8.55	19.1
		456	60.3	7.55	17.1	66.5	7.03	17.3	71.5	7.82	17.5	76.6	8.21	17.7	78.6	8.37	17.7
	20	152	60.3	7.36	26.4	66.5	8.80	27.1	71.5	9.81	27.7	76.6	10.30	28.2	78.6	10.48	28.4
		304	60.3	7.13	23.2	66.5	8.65	23.5	71.5	9.65	23.8	76.6	10.11	24.1	78.6	10.31	24.2
		456	60.3	9.41	22.2	66.5	8.46	22.4	71.5	9.42	22.5	76.6	9.90	22.7	78.6	10.08	22.8
	25	152	60.3	9.25	31.6	66.5	11.08	32.3	71.5	12.35	32.9	76.6	12.97	33.4	78.6	13.20	33.7
		304	60.3	8.94	28.3	66.5	10.86	28.6	71.5	12.07	28.9	76.6	12.68	29.2	78.6	12.92	29.3
		456	60.3	11.25	27.2	66.5	10.51	27.4	71.5	11.72	27.6	76.6	12.28	27.8	78.6	12.51	27.9
	30	152	60.2	11.01	36.7	66.5	13.21	37.5	71.5	14.71	38.1	76.6	15.42	38.7	78.6	15.71	38.9
		304	60.3	10.73	33.3	66.5	13.04	33.8	71.5	14.53	34.1	76.6	15.24	34.3	78.6	15.53	34.4
		456	60.3	12.26	32.3	66.5	12.64	32.5	71.5	14.08	32.7	76.6	14.78	32.9	78.6	15.07	32.9
	35	152	60.3	12.04	41.8	66.5	14.41	42.6	71.5	16.05	43.3	76.6	16.83	43.8	78.6	17.16	44.0
		304	60.3	11.70	38.4	66.5	14.22	38.8	71.5	15.84	39.1	76.6	16.62	39.4	78.6	16.95	39.5
		456	53.6	13.51	37.1	66.5	13.69	37.5	71.5	15.24	37.7	76.6	16.01	37.9	78.6	16.31	38.0
	40	152	54.0	13.32	46.3	59.1	15.98	47.1	63.5	17.77	47.7	68.2	18.64	48.2	69.8	19.00	48.4
		304	54.8	12.97	43.2	59.5	15.76	43.6	64.0	17.55	43.8	68.7	18.42	44.1	70.5	18.76	44.2
		456	48.1	14.71	42.0	60.4	15.18	42.4	65.1	16.90	42.6	69.7	17.73	42.7	71.5	18.08	42.8
	45	152	48.5	14.49	50.9	53.1	17.36	51.6	57.0	19.34	52.2	61.2	20.30	52.7	62.8	20.71	52.9
		304	49.2	14.12	48.0	53.5	17.16	48.3	57.5	19.10	48.6	61.7	20.04	48.9	63.3	20.44	49.0
		456	54.2	4.42	46.8	54.3	16.51	47.2	58.4	18.41	47.4	62.6	19.29	47.6	64.2	19.65	47.6

1-12. AM320FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	152	52.8	3.85	15.3	58.2	4.54	15.9	62.5	5.06	16.4	67.0	5.30	16.8	68.8	5.41	17.0
		304	52.8	3.81	12.7	58.2	4.48	13.0	62.5	5.00	13.2	67.0	5.24	13.4	68.8	5.35	13.5
		456	52.8	3.67	11.8	58.2	4.32	12.0	62.5	4.81	12.1	67.0	5.05	12.3	68.8	5.15	12.3
	15	152	52.8	5.14	20.5	58.2	6.05	21.1	62.5	6.75	21.5	67.0	7.09	22.0	68.8	7.21	22.2
		304	52.8	5.09	17.7	58.2	5.99	18.0	62.5	6.67	18.3	67.0	6.99	18.5	68.8	7.13	18.6
		456	52.8	4.90	16.8	58.2	5.77	17.0	62.5	6.43	17.2	67.0	6.75	17.3	68.8	6.86	17.4
	20	152	52.8	6.20	25.6	58.2	7.29	26.2	62.5	8.14	26.7	67.0	8.53	27.1	68.8	8.69	27.3
		304	52.8	6.13	22.8	58.2	7.21	23.1	62.5	8.05	23.3	67.0	8.42	23.6	68.8	8.60	23.6
		456	52.8	5.90	21.8	58.2	6.96	22.0	62.5	7.75	22.2	67.0	8.12	22.4	68.8	8.27	22.4
	25	152	52.8	7.75	30.7	58.2	9.13	31.4	62.5	10.17	31.9	67.0	10.67	32.3	68.8	10.86	32.5
		304	52.8	7.64	27.8	58.2	8.98	28.2	62.5	10.01	28.4	67.0	10.50	28.7	68.8	10.70	28.7
		456	52.8	7.39	26.9	58.2	8.70	27.1	62.5	9.68	27.3	67.0	10.18	27.4	68.8	10.36	27.5
	30	152	52.8	9.30	35.9	58.2	10.97	36.5	62.5	12.22	37.0	67.0	12.82	37.5	68.8	13.06	37.7
		304	52.8	9.16	32.9	58.2	10.78	33.3	62.5	12.01	33.5	67.0	12.61	33.8	68.8	12.83	33.8
		456	52.8	8.90	31.9	58.2	10.48	32.2	62.5	11.67	32.3	67.0	12.25	32.5	68.8	12.49	32.6
	35	152	52.8	10.19	40.9	58.2	12.02	41.6	62.5	13.39	42.2	67.0	14.03	42.6	68.8	14.31	42.8
		304	52.8	9.93	38.0	58.2	11.70	38.3	62.5	13.05	38.6	67.0	13.67	38.8	68.8	13.94	38.9
		456	52.8	9.68	37.0	58.2	11.39	37.2	62.5	12.70	37.4	67.0	13.31	37.5	68.8	13.56	37.6
	40	152	46.8	11.29	45.5	51.8	13.31	46.1	55.5	14.83	46.6	59.7	15.55	47.1	61.1	15.86	47.3
		304	47.2	11.01	42.7	52.2	12.96	43.1	56.1	14.43	43.3	60.1	15.15	43.6	61.7	15.45	43.6
		456	47.9	10.71	41.8	52.9	12.63	42.1	56.8	14.08	42.2	61.0	14.74	42.4	62.6	15.04	42.4
	45	152	42.0	12.30	50.1	46.5	14.48	50.7	49.9	16.13	51.2	53.5	16.92	51.6	54.9	17.24	51.8
		304	42.4	11.98	47.6	46.9	14.11	47.9	50.3	15.72	48.1	54.0	16.50	48.3	55.3	16.79	48.4
		456	43.0	11.68	46.7	47.6	13.75	46.9	51.1	15.31	47.1	54.8	16.06	47.2	56.1	16.34	47.3
60	10	152	45.2	3.18	14.6	49.9	3.75	15.1	53.6	4.18	15.4	57.6	4.38	15.8	59.0	4.47	16.0
		304	45.2	3.10	12.3	49.9	3.65	12.5	53.6	4.07	12.7	57.6	4.27	12.9	59.0	4.34	13.0
		456	45.2	3.03	11.5	49.9	3.57	11.7	53.6	3.98	11.8	57.6	4.17	11.9	59.0	4.25	12.0
	15	152	45.2	4.25	19.7	49.9	5.00	20.2	53.6	5.57	20.6	57.6	5.85	21.0	59.0	5.96	21.1
		304	45.2	4.13	17.3	49.9	4.87	17.6	53.6	5.43	17.8	57.6	5.69	18.0	59.0	5.80	18.1
		456	45.2	4.05	16.5	49.9	4.77	16.7	53.6	5.31	16.9	57.6	5.56	17.0	59.0	5.68	17.0
	20	152	45.2	5.11	24.7	49.9	6.03	25.3	53.6	6.71	25.7	57.6	7.04	26.1	59.0	7.18	26.2
		304	45.2	4.99	22.4	49.9	5.87	22.6	53.6	6.53	22.8	57.6	6.86	23.0	59.0	6.99	23.1
		456	45.2	4.87	21.6	49.9	5.75	21.7	53.6	6.39	21.9	57.6	6.71	22.0	59.0	6.84	22.1
	25	152	45.2	6.37	29.9	49.9	7.50	30.4	53.6	8.36	30.8	57.6	8.76	31.3	59.0	8.93	31.4
		304	45.2	6.24	27.4	49.9	7.35	27.7	53.6	8.18	27.9	57.6	8.58	28.1	59.0	8.74	28.2
		456	45.2	6.05	26.6	49.9	7.12	26.8	53.6	7.94	26.9	57.6	8.32	27.1	59.0	8.47	27.1
	30	152	45.2	7.61	35.0	49.9	8.95	35.5	53.6	9.99	36.0	57.6	10.46	36.4	59.0	10.67	36.6
		304	45.2	7.45	32.5	49.9	8.77	32.8	53.6	9.78	33.0	57.6	10.25	33.2	59.0	10.46	33.3
		456	45.2	7.27	31.6	49.9	8.55	31.8	53.6	9.53	32.0	57.6	10.00	32.1	59.0	10.18	32.2
	35	152	45.2	8.25	40.0	49.9	9.71	40.6	53.6	10.83	41.1	57.6	11.36	41.5	59.0	11.58	41.7
		304	45.2	8.19	37.5	49.9	9.64	37.8	53.6	10.75	38.0	57.6	11.27	38.2	59.0	11.47	38.3
		456	45.2	7.91	36.7	49.9	9.33	36.9	53.6	10.39	37.0	57.6	10.91	37.2	59.0	11.11	37.2
	40	152	40.1	9.15	44.6	44.3	10.77	45.2	47.6	11.99	45.6	51.1	12.59	46.0	52.5	12.83	46.2
		304	40.5	9.06	42.3	44.7	10.67	42.6	48.1	11.90	42.8	51.5	12.46	43.0	52.9	12.72	43.1
		456	41.1	8.78	41.6	45.3	10.33	41.7	48.7	11.52	41.9	52.3	12.07	42.0	53.6	12.31	42.1
	45	152	36.0	9.95	49.3	39.8	11.73	49.9	42.8	13.04	50.3	45.9	13.70	50.6	47.0	13.96	50.8
		304	36.4	9.86	47.2	40.2	11.60	47.4	43.2	12.95	47.6	46.2	13.58	47.8	47.5	13.83	47.9
		456	36.9	9.55	46.5	40.7	11.25	46.6	43.8	12.54	46.8	47.0	13.14	46.9	48.1	13.39	46.9
50	10	152	37.6	2.43	13.8	41.6	2.86	14.2	44.6	3.19	14.5	48.0	3.34	14.8	49.1	3.40	15.0
		304	37.6	2.38	11.9	41.6	2.81	12.1	44.6	3.14	12.3	48.0	3.29	12.4	49.1	3.35	12.5
		456	37.6	2.34	11.3	41.6	2.75	11.4	44.6	3.07	11.5	48.0	3.22	11.6	49.1	3.29	11.6
	15	152	37.6	3.24	18.9	41.6	3.82	19.3	44.6	4.25	19.6	48.0	4.46	19.9	49.1	4.54	20.1
		304	37.6	3.19	16.9	41.6	3.75	17.1	44.6	4.18	17.3	48.0	4.39	17.5	49.1	4.46	17.5
		456	37.6	3.13	16.3	41.6	3.68	16.4	44.6	4.10	16.5	48.0	4.30	16.6	49.1	4.38	16.7
	20	152	37.6	3.91	23.9	41.6	4.60	24.4	44.6	5.13	24.7	48.0	5.38	25.0	49.1	5.48	25.1
		304	37.6	3.84	22.0	41.6	4.52	22.2	44.6	5.04	22.3	48.0	5.29	22.5	49.1	5.39	22.6
		456	37.6	3.77	21.3	41.6	4.43	21.4	44.6	4.94	21.6	48.0	5.18	21.7	49.1	5.28	21.7
	25	152	37.6	4.90	29.0	41.6	5.76	29.5	44.6	6.42	29.8	48.0	6.74	30.2	49.1	6.85	30.3
		304	37.6	4.75	27.0	41.6	5.59	27.2	44.6	6.22	27.4	48.0	6.54	27.6	49.1	6.66	27.6
		456	37.6	4.71	26.3	41.6	5.53	26.5	44.6	6.17	26.6	48.0	6.47	26.7	49.1	6.59	26.8
	30	152	37.6	5.90	34.1	41.6	6.96	34.6	44.6	7.75	34.9	48.0	8.13	35.3	49.1	8.28	35.4
		304	37.6	5.74	32.0	41.6	6.75	32.3	44.6	7.52	32.5	48.0	7.89	32.6	49.1	8.04	32.7
		456	37.6	5.63	31.4	41.6	6.63	31.5	44.6	7.38	31.6	48.0	7.75	31.8	49.1	7.89	31.8
	35	152	37.6	6.41	39.2	41.6	7.54	39.6	44.6	8.41	40.0	48.0	8.81	40.4	49.1	8.98	40.5
		304	37.6	6.23	37.1	41.6	7.34	37.3	44.6	8.18	37.5	48.0	8.58	37.7	49.1	8.74	37.7
		456	37.6	6.06	36.4	41.6	7.14	36.5	44.6	7.96	36.7	48.0	8.34	36.8	49.1	8.49	36.8
	40	152	33.5	7.09	43.8	37.0	8.35	44.3	39.7	9.32	44.6	42.6	9.77	44.9	43.7	9.95	45.1
		304	33.8	6.91	41.9	37.3	8.13	42.1	40.0	9.07	42.3	42.9	9.51	42.5	44.1	9.68	42.5
		456	34.2	6.72	41.3	37.8	7.91	41.4	40.6	8.81	41.6	43.6	9.24	41.7	44.6	9.41	41.7
	45	152	30.1	7.73	48.6	33.2	9.11	49.0	35.7	10.14	49.3	38.2	10.63	49.6	39.2	10.82	49.7
		304	30.3	7.52	46.8	33.5	8.84	47.0	36.0	9.86	47.2	38.5	10.34	47.3	39.6	10.55	47.4
		456	30.8	7.30	46.2	33.9	8.60	46.3	36.5	9.59	46.4	39.1	10.06	46.5	40.2	10.25	46.6

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	152	114.8	24.24	1.5	112.3	23.34	1.6	107.3	22.68	2.0	100.9	21.15	2.5	96.8	19.37	2.7
		304	117.2	23.42	5.6	114.0	22.95	5.7	109.4	22.36	5.9	103.0	20.75	6.1	98.8	19.08	6.2
		456	123.7	23.63	6.9	121.4	23.05	6.9	116.9	22.15	7.0	110.2	20.68	7.2	105.6	19.32	7.3
	15	152	126.7	21.50	5.1	123.4	20.50	5.3	118.4	19.85	5.7	111.1	18.48	6.3	106.5	16.97	6.6
		304	129.9	20.05	9.8	126.8	19.93	10.0	122.3	19.55	10.2	115.0	18.02	10.4	109.6	16.50	10.6
		456	129.2	20.89	11.6	127.6	20.51	11.6	124.5	19.62	11.7	116.7	18.10	11.9	111.9	17.37	12.0
	20	152	130.1	20.39	9.7	127.5	19.54	9.8	122.7	18.74	10.2	115.5	17.12	10.7	110.1	16.27	11.1
		304	132.4	19.25	14.7	131.2	19.21	14.7	126.5	18.59	14.9	119.2	17.50	15.2	114.3	16.80	15.4
		456	132.2	19.45	16.5	130.5	19.10	16.5	129.0	18.86	16.5	120.6	17.65	16.8	115.3	17.02	16.9
	25	152	134.7	18.94	14.1	130.7	18.65	14.4	128.2	18.22	14.6	121.2	17.17	15.2	116.5	16.27	15.6
		304	132.9	18.42	19.6	130.7	18.70	19.7	128.3	18.08	19.8	121.3	17.12	20.1	116.5	16.18	20.3
		456	131.6	18.30	21.4	130.8	17.86	21.5	128.3	17.90	21.5	121.4	16.97	21.7	116.7	15.49	21.8
	30	152	131.9	17.02	19.2	130.7	17.16	19.3	128.2	17.32	19.5	121.4	15.95	20.1	116.5	15.33	20.5
		304	131.9	16.60	24.6	130.7	17.23	24.6	128.1	16.95	24.8	121.2	15.96	25.0	116.6	14.61	25.2
		456	132.0	16.46	26.4	130.6	16.27	26.4	128.3	16.58	26.5	121.4	15.26	26.7	116.4	14.94	26.8
	35	152	132.0	16.01	24.1	130.8	16.52	24.2	128.3	17.14	24.5	121.3	15.62	25.0	116.6	14.43	25.4
		304	132.0	16.04	29.5	130.8	16.77	29.6	128.2	16.85	29.8	121.4	15.69	30.0	116.5	14.37	30.2
		456	132.1	15.77	31.3	130.6	16.20	31.4	128.3	16.46	31.5	121.2	15.00	31.7	116.5	13.77	31.8
	40	152	132.1	14.89	29.0	130.7	15.48	29.1	128.4	16.57	29.5	121.3	15.23	30.0	116.7	14.11	30.3
		304	132.0	14.94	34.5	130.6	15.71	34.6	128.3	16.08	34.7	121.3	15.03	35.0	116.5	13.87	35.2
		456	131.9	14.80	36.3	130.8	15.06	36.4	128.4	16.21	36.5	121.4	14.77	36.6	116.7	13.62	36.8
	45	152	132.0	13.14	33.8	130.6	13.76	34.0	128.1	15.41	34.4	121.2	14.20	34.9	116.6	13.23	35.3
		304	132.0	13.24	39.4	130.8	14.01	39.5	128.3	14.62	39.6	121.3	13.65	39.9	116.5	12.78	40.1
		456	132.0	13.30	41.3	130.7	13.25	41.3	128.3	15.32	41.4	121.3	13.82	41.6	116.6	13.00	41.7
120	10	152	109.5	24.05	1.9	106.9	23.24	2.1	102.0	22.54	2.5	96.0	20.85	2.9	91.7	19.10	3.2
		304	111.2	23.76	5.9	108.5	23.12	6.0	103.1	22.37	6.2	97.6	20.59	6.4	93.1	18.74	6.5
		456	117.6	23.35	7.0	113.6	22.75	7.1	110.2	22.15	7.2	104.0	20.48	7.4	99.3	18.69	7.5
	15	152	120.7	21.09	5.6	117.2	20.33	5.9	112.6	19.58	6.2	106.0	18.20	6.7	100.8	16.70	7.1
		304	122.7	20.69	10.2	120.1	20.29	10.3	115.2	19.54	10.5	108.4	18.01	10.7	102.9	16.29	10.9
		456	122.2	20.37	11.8	119.0	19.87	11.9	116.4	19.61	12.0	109.6	18.11	12.1	104.2	16.42	12.2
	20	152	122.9	19.54	10.3	120.3	18.77	10.4	115.4	17.90	10.8	108.7	16.57	11.3	103.2	15.78	11.8
		304	124.4	18.97	15.0	122.8	18.82	15.1	118.1	18.12	15.3	111.1	16.88	15.6	106.0	15.86	15.7
		456	123.9	18.94	16.7	120.7	18.51	16.8	119.7	18.22	16.8	112.4	17.06	17.0	106.9	16.15	17.1
	25	152	126.5	17.93	14.8	122.0	17.28	15.1	119.0	16.87	15.4	112.5	15.81	15.9	107.7	14.92	16.3
		304	125.0	17.41	19.9	122.1	17.32	20.1	118.8	16.97	20.2	112.3	15.71	20.4	107.7	14.85	20.6
		456	124.7	16.68	21.6	122.2	16.55	21.7	118.9	16.68	21.8	112.4	15.97	22.0	107.9	14.18	22.1
	30	152	124.7	15.75	19.7	122.0	15.84	20.0	118.8	15.76	20.3	112.3	14.34	20.8	107.8	13.73	21.1
		304	124.8	15.39	24.8	122.1	15.68	25.0	119.0	15.52	25.1	112.3	14.29	25.4	107.9	13.05	25.5
		456	124.7	14.84	26.5	122.1	14.86	26.6	118.9	15.11	26.7	112.4	14.06	26.9	107.9	13.36	27.0
	35	152	124.8	14.77	24.6	122.0	14.96	24.9	118.9	15.34	25.2	112.3	13.94	25.7	107.8	12.83	26.0
		304	124.8	14.45	29.8	121.9	14.93	30.0	119.0	14.80	30.1	112.5	13.66	30.3	107.8	12.52	30.5
		456	124.7	13.95	31.5	121.9	14.54	31.6	118.9	14.86	31.7	112.4	13.44	31.9	107.8	12.31	32.0
	40	152	124.8	13.71	29.5	122.0	13.79	29.8	118.9	14.51	30.2	112.4	13.23	30.6	107.8	12.22	31.0
		304	124.7	13.17	34.7	122.0	13.72	34.9	118.9	13.96	35.0	112.2	13.00	35.3	107.7	11.93	35.5
		456	124.9	13.15	36.5	122.0	13.18	36.6	118.9	14.09	36.7	112.5	12.76	36.9	107.9	11.72	37.0
	45	152	124.6	12.11	34.4	122.2	12.04	34.6	118.9	13.11	35.0	112.4	12.00	35.5	107.7	11.11	35.9
		304	124.8	11.35	39.6	122.1	11.88	39.8	119.0	12.60	40.0	112.3	11.71	40.3	107.8	10.88	40.4
		456	124.9	11.84	41.4	121.9	11.35	41.5	119.0	12.81	41.7	112.5	11.49	41.8	107.8	10.71	41.9
110	10	152	104.7	24.29	2.4	101.6	23.38	2.6	96.5	22.61	3.0	91.3	20.83	3.4	86.3	19.11	3.7
		304	105.9	23.87	6.1	102.5	23.12	6.3	97.5	22.35	6.5	92.4	20.63	6.6	87.3	18.74	6.8
		456	111.8	23.54	7.2	108.7	22.73	7.3	103.9	22.00	7.4	98.0	20.29	7.6	92.8	18.70	7.7
	15	152	115.3	21.22	6.1	111.4	20.52	6.4	106.5	19.69	6.8	100.6	18.21	7.2	95.0	16.70	7.6
		304	116.3	20.52	10.5	113.2	20.25	10.6	107.9	19.54	10.8	101.6	18.01	11.1	96.3	16.26	11.2
		456	116.1	20.45	12.0	112.8	19.89	12.1	108.7	19.22	12.2	102.2	17.70	12.3	96.6	16.44	12.5
	20	152	116.6	18.95	10.8	113.1	18.46	11.1	108.2	17.65	11.5	101.6	16.30	12.0	96.3	15.28	12.4
		304	117.4	18.54	15.3	114.0	18.20	15.5	109.4	17.53	15.7	103.1	16.37	15.9	97.4	15.12	16.1
		456	117.4	18.74	16.9	114.0	18.12	17.0	110.5	17.65	17.1	103.8	16.10	17.2	98.4	15.31	17.4
	25	152	118.4	16.71	15.4	113.8	16.21	15.8	110.1	15.90	16.1	103.8	14.67	16.6	98.6	13.60	17.0
		304	117.6	16.39	20.2	113.9	16.12	20.4	110.1	15.78	20.6	103.9	14.59	20.8	98.6	13.47	21.0
		456	117.5	16.65	21.8	113.9	16.15	21.9	110.1	15.50	22.0	103.8	14.83	22.2	98.7	12.86	22.3
	30	152	117.5	14.06	20.2	113.9	14.28	20.6	110.0	14.02	20.9	103.9	13.00	21.4	98.6	11.89	21.8
		304	117.5	13.95	25.1	113.8	14.17	25.3	110.2	13.76	25.5	103.8	12.89	25.7	98.6	11.46	25.9
		456	117.4	13.97	26.7	113.8	13.51	26.8	110.2	13.37	27.0	103.9	12.32	27.1	98.6	11.73	27.3
	35	152	117.6	13.08	25.1	113.9	13.09	25.5	110.1	13.29	25.9	103.9	11.99	26.3	98.6	10.94	26.7
		304	117.6	13.05	30.1	113.9	13.34	30.3	110.1	12.98	30.4	103.8	11.97	30.7	98.6	10.87	30.9
		456	117.5	12.33	31.7	113.7	12.69	31.8	110.1	12.64	31.9	103.8	11.77	32.1	98.6	10.67	32.2
	40	152	117.7	11.83	30.0	113.8	12.19	30.4	110.1	12.44	30.8	103.7	11.26	31.3	98.6	10.29	31.7
		304	117.4	11.82	35.0	113.9	12.13	35.2	110.0	11.88	35.4	103.7	11.25	35.6	98.7	10.28	35.8
		456	117.4	11.76	36.7	114.0	11.48	36.8	110.0	12.00	36.9	103.7	10.61	37.1	98.6	9.67	37.2
	45	152	117.6	10.13	34.9	113.9	10.70	35.3	110.1	11.11	35.7	103.7	10.11	36.2	98.6	9.25	36.6
		304	117.6	10.09	39.9	114.0	10.41	40.1	110.0	10.30	40.3	103.8	10.02	40.6	98.7	9.25	40.8
		456	117.5	10.76	41.6	113.9	9.81	41.7	110.1	10.92	41.9	103.7	9.03	42.0	98.6	8.28	42.2

1-12. AM320FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	152	100.2	24.46	2.9	96.0	23.73	3.2	91.3	22.74	3.5	86.3	20.97	3.8	81.2	18.94	4.1
		304	100.8	24.26	6.4	96.4	23.52	6.6	91.7	22.51	6.7	86.7	20.74	6.9	81.5	18.73	7.0
		456	106.7	23.83	7.4	102.1	23.13	7.5	97.1	22.13	7.6	91.9	20.41	7.8	86.3	18.44	7.9
	15	152	110.4	21.37	6.6	105.6	20.75	7.0	100.8	19.84	7.4	95.1	18.32	7.8	89.3	16.56	8.1
		304	110.4	21.19	10.8	105.6	20.56	11.0	100.8	19.69	11.2	95.1	18.13	11.4	89.3	16.39	11.6
		456	110.4	20.79	12.2	105.6	20.21	12.3	100.8	19.34	12.4	95.1	17.81	12.6	89.3	16.12	12.7
	20	152	110.4	18.83	11.4	105.6	18.28	11.8	100.8	17.47	12.1	95.1	16.12	12.6	89.3	14.58	13.0
		304	110.4	18.65	15.7	105.6	18.10	15.9	100.8	17.37	16.1	95.1	15.96	16.3	89.3	14.42	16.5
		456	110.4	18.32	17.1	105.6	17.79	17.2	100.8	17.02	17.4	95.1	15.68	17.5	89.3	14.18	17.6
	25	152	110.4	15.98	16.1	105.6	15.51	16.5	100.8	14.82	16.9	95.1	13.67	17.3	89.3	12.35	17.7
		304	110.4	15.80	20.5	105.6	15.33	20.7	100.8	14.68	20.9	95.1	13.53	21.2	89.3	12.22	21.4
		456	110.4	15.53	22.0	105.6	15.08	22.2	100.8	14.42	22.3	95.1	13.32	22.4	89.3	12.02	22.6
	30	152	110.4	13.36	20.8	105.6	12.97	21.3	100.8	12.40	21.7	95.1	11.44	22.1	89.3	10.34	22.6
		304	110.4	13.22	25.4	105.6	12.85	25.6	100.8	12.30	25.8	95.1	11.33	26.1	89.3	10.23	26.3
		456	110.4	13.00	26.9	105.6	12.63	27.1	100.8	12.09	27.2	95.1	11.14	27.4	89.3	10.06	27.5
	35	152	110.4	12.14	25.7	105.6	11.79	26.2	100.8	11.26	26.6	95.1	10.40	27.0	89.3	9.39	27.5
		304	110.4	12.02	30.4	105.6	11.66	30.6	100.8	11.16	30.8	95.1	10.30	31.0	89.3	9.31	31.2
		456	110.4	11.81	31.9	105.6	11.47	32.0	100.8	10.98	32.2	95.1	10.13	32.3	89.3	9.15	32.5
	40	152	110.4	10.92	30.6	105.6	10.61	31.0	100.8	10.14	31.5	95.1	9.35	31.9	89.3	8.45	32.4
		304	110.4	10.82	35.3	105.6	10.51	35.5	100.8	10.05	35.7	95.1	9.27	36.0	89.3	8.37	36.2
		456	110.4	10.63	36.9	105.6	10.32	37.0	100.8	9.86	37.1	95.1	9.10	37.3	89.3	8.21	37.5
	45	152	110.4	9.28	35.5	105.6	8.99	35.9	100.8	8.60	36.3	95.1	7.95	36.8	89.3	7.18	37.3
		304	110.4	9.18	40.2	105.6	8.91	40.4	100.8	8.52	40.6	95.1	7.86	40.9	89.3	7.10	41.1
		456	110.4	9.03	41.8	105.6	8.75	42.0	100.8	8.39	42.1	95.1	7.73	42.3	89.3	6.99	42.4
90	10	152	90.3	23.15	3.7	86.2	22.49	4.0	82.1	21.50	4.3	77.8	19.85	4.5	73.0	17.92	4.8
		304	90.7	22.87	6.8	86.6	22.19	7.0	82.6	21.24	7.1	78.1	19.60	7.2	73.4	17.71	7.4
		456	95.9	22.61	7.7	91.8	21.97	7.8	87.4	21.01	7.9	82.7	19.39	8.0	77.7	17.50	8.1
	15	152	99.3	20.25	7.5	95.0	19.67	7.9	90.5	18.79	8.2	85.6	17.34	8.6	80.5	15.67	8.9
		304	99.3	19.99	11.3	95.0	19.38	11.4	90.5	18.54	11.6	85.6	17.12	11.8	80.5	15.46	11.9
		456	99.3	19.74	12.5	95.0	19.18	12.6	90.5	18.36	12.7	85.6	16.94	12.8	80.5	15.29	13.0
	20	152	99.3	17.81	12.3	95.0	17.30	12.7	90.5	16.56	13.0	85.6	15.27	13.4	80.5	13.78	13.7
		304	99.3	17.60	16.1	95.0	17.06	16.3	90.5	16.33	16.5	85.6	15.07	16.7	80.5	13.62	16.8
		456	99.3	17.39	17.4	95.0	16.89	17.5	90.5	16.16	17.7	85.6	14.89	17.8	80.5	13.46	17.9
	25	152	99.3	15.18	17.1	95.0	14.73	17.4	90.5	14.09	17.8	85.6	13.00	18.2	80.5	11.74	18.5
		304	99.3	15.00	21.0	95.0	14.56	21.2	90.5	13.92	21.4	85.6	12.84	21.6	80.5	11.59	21.8
		456	99.3	14.68	22.3	95.0	14.26	22.5	90.5	13.65	22.6	85.6	12.59	22.7	80.5	11.37	22.8
	30	152	99.3	12.66	21.8	95.0	12.29	22.2	90.5	11.77	22.6	85.6	10.85	23.0	80.5	9.80	23.3
		304	99.3	12.51	25.9	95.0	12.15	26.1	90.5	11.61	26.3	85.6	10.72	26.5	80.5	9.68	26.7
		456	99.3	12.37	27.3	95.0	12.01	27.4	90.5	11.50	27.5	85.6	10.60	27.6	80.5	9.58	27.8
	35	152	99.3	11.48	26.7	95.0	11.14	27.1	90.5	10.66	27.5	85.6	9.85	27.9	80.5	8.88	28.2
		304	99.3	11.35	30.9	95.0	11.02	31.0	90.5	10.54	31.2	85.6	9.74	31.4	80.5	8.79	31.6
		456	99.3	11.22	32.2	95.0	10.89	32.4	90.5	10.42	32.5	85.6	9.62	32.6	80.5	8.69	32.7
	40	152	99.3	10.34	31.6	95.0	10.04	32.0	90.5	9.59	32.4	85.6	8.85	32.8	80.5	7.99	33.2
		304	99.3	10.22	35.8	95.0	9.93	36.0	90.5	9.49	36.2	85.6	8.76	36.4	80.5	7.91	36.6
		456	99.3	10.09	37.2	95.0	9.80	37.3	90.5	9.38	37.4	85.6	8.65	37.6	80.5	7.82	37.7
	45	152	99.3	8.78	36.5	95.0	8.51	36.8	90.5	8.15	37.2	85.6	7.52	37.6	80.5	6.79	38.0
		304	99.3	8.68	40.7	95.0	8.42	40.9	90.5	8.07	41.1	85.6	7.44	41.3	80.5	6.72	41.5
		456	99.3	8.58	42.1	95.0	8.32	42.3	90.5	7.97	42.4	85.6	7.35	42.5	80.5	6.64	42.7
80	10	152	80.2	20.60	4.4	76.7	19.98	4.7	73.0	19.11	4.9	69.1	17.65	5.1	64.9	15.93	5.4
		304	80.6	20.36	7.2	77.1	19.79	7.3	73.4	18.91	7.4	69.4	17.46	7.5	65.3	15.78	7.7
		456	85.4	20.19	8.0	81.7	19.59	8.0	77.8	18.78	8.1	73.5	17.32	8.2	69.1	15.65	8.3
	15	152	88.2	17.99	8.4	84.5	17.47	8.7	80.5	16.72	9.0	75.9	15.40	9.3	71.5	13.91	9.6
		304	88.2	17.80	11.7	84.5	17.29	11.8	80.5	16.56	12.0	75.9	15.26	12.1	71.5	13.80	12.3
		456	88.2	17.67	12.8	84.5	17.15	12.9	80.5	16.40	13.0	75.9	15.14	13.1	71.5	13.65	13.2
	20	152	88.2	15.82	13.2	84.5	15.36	13.5	80.5	14.70	13.8	76.0	13.57	14.1	71.5	12.25	14.4
		304	88.2	15.69	16.6	84.5	15.21	16.7	80.5	14.57	16.9	75.9	13.42	17.1	71.5	12.13	17.2
		456	88.2	15.54	17.7	84.5	15.10	17.8	80.5	14.45	17.9	75.9	13.32	18.0	71.5	12.03	18.1
	25	152	88.2	13.58	18.0	84.5	13.17	18.3	80.5	12.60	18.6	75.9	11.63	18.9	71.5	10.51	19.2
		304	88.2	13.36	21.5	84.5	12.98	21.6	80.5	12.41	21.8	75.9	11.47	22.0	71.5	10.35	22.1
		456	88.2	13.13	22.6	84.5	12.75	22.7	80.5	12.21	22.9	75.9	11.26	23.0	71.5	10.16	23.1
	30	152	88.2	11.24	22.7	84.5	10.92	23.1	80.5	10.44	23.4	75.9	9.64	23.8	71.5	8.71	24.1
		304	88.2	11.20	26.4	84.5	10.87	26.5	80.5	10.39	26.7	75.9	9.59	26.9	71.5	8.66	27.0
		456	88.2	11.01	27.6	84.5	10.69	27.7	80.5	10.22	27.8	75.9	9.42	27.9	71.5	8.52	28.0
	35	152	88.2	10.26	27.6	84.5	9.97	28.0	80.5	9.53	28.3	75.9	8.79	28.7	71.5	7.94	29.0
		304	88.2	10.21	31.3	84.5	9.90	31.5	80.5	9.48	31.7	75.9	8.74	31.8	71.5	7.89	32.0
		456	88.2	9.96	32.5	84.5	9.68	32.6	80.5	9.27	32.8	75.9	8.55	32.9	71.5	7.72	33.0
	40	152	88.2	9.24	32.6	84.5	8.97	32.9	80.5	8.58	33.2	75.9	7.91	33.6	71.5	7.15	33.9
		304	88.2	9.18	36.3	84.5	8.92	36.4	80.5	8.52	36.6	75.9	7.86	36.8	71.5	7.11	37.0
		456	88.2	8.97	37.5	84.5	8.72	37.6	80.5	8.33	37.7	75.9	7.68	37.9	71.5	6.94	38.0
	45	152	88.2	7.83	37.4	84.5	7.62	37.7	80.5	7.29	38.1	75.9	6.72	38.5	71.5	6.07	38.8
		304	88.2	7.80	41.2	84.5	7.57	41.4	80.5	7.24	41.5	75.9	6.67	41.7	71.5	6.03	41.9
		456	88.2	7.62	42.5	84.5	7.39	42.6	80.5	7.07	42.7	75.9	6.53	42.8	71.5	5.90	42.9

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	152	70.1	17.05	5.0	67.2	16.53	5.2	63.9	15.85	5.5	60.5	14.62	5.7	56.8	13.18	5.9
		304	70.5	16.97	7.5	67.5	16.49	7.6	64.2	15.77	7.7	60.8	14.54	7.8	57.1	13.13	7.9
		456	74.7	16.59	8.2	71.5	16.12	8.3	68.0	15.43	8.3	64.4	14.22	8.4	60.4	12.86	8.5
	15	152	77.3	14.92	9.1	73.9	14.47	9.4	70.4	13.85	9.7	66.6	12.78	9.9	62.6	11.54	10.2
		304	77.3	14.84	12.1	73.9	14.41	12.2	70.4	13.79	12.3	66.6	12.71	12.5	62.6	11.49	12.6
		456	77.3	14.51	13.0	73.9	14.09	13.1	70.4	13.47	13.2	66.6	12.41	13.3	62.6	11.23	13.4
	20	152	77.3	13.12	13.9	73.9	12.73	14.2	70.4	12.19	14.5	66.6	11.26	14.8	62.6	10.15	15.1
		304	77.3	13.06	17.0	73.9	12.67	17.1	70.4	12.12	17.3	66.6	11.20	17.4	62.6	10.11	17.5
		456	77.3	12.77	18.0	73.9	12.40	18.1	70.4	11.86	18.2	66.6	10.93	18.3	62.6	9.89	18.3
	25	152	77.3	11.19	18.8	73.9	10.84	19.1	70.4	10.38	19.3	66.6	9.58	19.6	62.6	8.66	19.9
		304	77.3	11.07	21.9	73.9	10.76	22.0	70.4	10.28	22.2	66.6	9.50	22.3	62.6	8.56	22.5
		456	77.3	10.87	22.9	73.9	10.56	23.0	70.4	10.11	23.1	66.6	9.32	23.2	62.6	8.42	23.3
	30	152	77.3	9.35	23.6	73.9	9.08	23.9	70.4	8.68	24.2	66.6	7.99	24.5	62.6	7.23	24.8
		304	77.3	9.26	26.8	73.9	9.00	26.9	70.4	8.60	27.1	66.6	7.94	27.2	62.6	7.16	27.4
		456	77.3	9.13	27.9	73.9	8.85	28.0	70.4	8.47	28.1	66.6	7.82	28.2	62.6	7.07	28.3
	35	152	77.3	8.55	28.5	73.9	8.31	28.8	70.4	7.94	29.1	66.6	7.32	29.4	62.6	6.62	29.7
		304	77.3	8.39	31.8	73.9	8.15	31.9	70.4	7.79	32.0	66.6	7.20	32.2	62.6	6.50	32.4
		456	77.3	8.30	32.8	73.9	8.06	32.9	70.4	7.70	33.0	66.6	7.11	33.1	62.6	6.42	33.2
	40	152	77.3	7.70	33.4	73.9	7.46	33.7	70.4	7.15	34.0	66.6	6.59	34.3	62.6	5.95	34.7
		304	77.3	7.55	36.7	73.9	7.33	36.9	70.4	7.01	37.0	66.6	6.47	37.2	62.6	5.85	37.3
		456	77.3	7.46	37.8	73.9	7.25	37.9	70.4	6.93	38.0	66.6	6.39	38.1	62.6	5.78	38.2
	45	152	77.3	6.53	38.3	73.9	6.35	38.6	70.4	6.07	38.9	66.6	5.59	39.2	62.6	5.06	39.6
		304	77.3	6.42	41.7	73.9	6.23	41.8	70.4	5.95	42.0	66.6	5.49	42.1	62.6	4.97	42.3
		456	77.3	6.34	42.8	73.9	6.15	42.9	70.4	5.89	43.0	66.6	5.43	43.1	62.6	4.90	43.2
60	10	152	60.2	14.09	5.7	57.6	13.69	5.9	54.8	13.09	6.1	51.8	12.06	6.3	48.7	10.91	6.4
		304	60.4	13.82	7.8	57.8	13.40	7.9	55.1	12.84	8.0	52.0	11.84	8.1	48.9	10.70	8.2
		456	64.0	13.71	8.4	61.3	13.32	8.5	58.3	12.74	8.6	55.1	11.75	8.6	51.8	10.60	8.7
	15	152	66.2	12.31	9.9	63.4	11.95	10.1	60.3	11.44	10.4	57.1	10.54	10.6	53.6	9.53	10.8
		304	66.2	12.06	12.4	63.4	11.72	12.6	60.3	11.22	12.7	57.1	10.34	12.8	53.6	9.34	12.9
		456	66.2	11.99	13.3	63.4	11.64	13.4	60.3	11.13	13.5	57.1	10.27	13.5	53.6	9.27	13.6
	20	152	66.2	10.84	14.8	63.4	10.52	15.0	60.3	10.07	15.3	57.1	9.28	15.5	53.6	8.39	15.7
		304	66.2	10.61	17.4	63.4	10.32	17.5	60.3	9.86	17.6	57.1	9.10	17.7	53.6	8.22	17.9
		456	66.2	10.54	18.3	63.4	10.23	18.3	60.3	9.79	18.4	57.1	9.03	18.5	53.6	8.16	18.6
	25	152	66.2	9.17	19.6	63.4	8.92	19.9	60.3	8.53	20.1	57.1	7.86	20.4	53.6	7.10	20.6
		304	66.2	9.05	22.3	63.4	8.79	22.4	60.3	8.40	22.6	57.1	7.76	22.7	53.6	7.01	22.8
		456	66.2	8.90	23.2	63.4	8.63	23.3	60.3	8.26	23.4	57.1	7.62	23.4	53.6	6.89	23.5
	30	152	66.2	7.63	24.5	63.4	7.42	24.7	60.3	7.09	25.0	57.1	6.54	25.2	53.6	5.91	25.5
		304	66.2	7.53	27.2	63.4	7.30	27.4	60.3	7.00	27.5	57.1	6.46	27.6	53.6	5.82	27.7
		456	66.2	7.45	28.2	63.4	7.23	28.2	60.3	6.92	28.3	57.1	6.38	28.4	53.6	5.76	28.5
	35	152	66.2	6.92	29.4	63.4	6.72	29.7	60.3	6.42	29.9	57.1	5.93	30.2	53.6	5.35	30.4
		304	66.2	6.92	32.2	63.4	6.71	32.3	60.3	6.42	32.5	57.1	5.92	32.6	53.6	5.35	32.7
		456	66.2	6.79	33.1	63.4	6.59	33.2	60.3	6.30	33.3	57.1	5.82	33.4	53.6	5.25	33.5
	40	152	66.2	6.22	34.3	63.4	6.05	34.6	60.3	5.78	34.9	57.1	5.34	35.1	53.6	4.82	35.4
		304	66.2	6.22	37.2	63.4	6.04	37.3	60.3	5.78	37.4	57.1	5.32	37.6	53.6	4.82	37.7
		456	66.2	6.10	38.1	63.4	5.93	38.2	60.3	5.67	38.3	57.1	5.24	38.4	53.6	4.73	38.5
	45	152	66.2	5.28	39.3	63.4	5.13	39.5	60.3	4.91	39.8	57.1	4.53	40.0	53.6	4.09	40.3
		304	66.2	5.28	42.1	63.4	5.13	42.3	60.3	4.91	42.4	57.1	4.52	42.5	53.6	4.09	42.7
		456	66.2	5.19	43.1	63.4	5.03	43.2	60.3	4.81	43.3	57.1	4.44	43.3	53.6	4.01	43.4
50	10	152	50.1	10.75	6.3	47.9	10.44	6.5	45.6	9.99	6.6	43.2	9.20	6.8	40.6	8.32	7.0
		304	50.4	10.65	8.1	48.2	10.34	8.2	45.9	9.89	8.3	43.3	9.11	8.4	40.7	8.24	8.5
		456	53.4	10.59	8.7	51.0	10.28	8.7	48.5	9.82	8.8	45.9	9.08	8.8	43.2	8.18	8.9
	15	152	55.2	9.40	10.7	52.8	9.11	10.9	50.3	8.73	11.1	47.5	8.04	11.3	44.7	7.28	11.5
		304	55.2	9.30	12.8	52.8	9.02	12.9	50.3	8.64	13.0	47.5	7.97	13.1	44.7	7.19	13.2
		456	55.2	9.25	13.6	52.8	8.98	13.6	50.3	8.58	13.7	47.5	7.93	13.8	44.7	7.16	13.8
	20	152	55.2	8.27	15.6	52.8	8.02	15.8	50.3	7.68	16.0	47.5	7.08	16.2	44.7	6.40	16.4
		304	55.2	8.18	17.8	52.8	7.95	17.9	50.3	7.61	18.0	47.5	7.01	18.1	44.7	6.34	18.2
		456	55.2	8.15	18.5	52.8	7.91	18.6	50.3	7.57	18.7	47.5	6.98	18.7	44.7	6.30	18.8
	25	152	55.2	7.05	20.5	52.8	6.84	20.7	50.3	6.55	20.9	47.5	6.03	21.1	44.7	5.45	21.3
		304	55.2	6.89	22.7	52.8	6.68	22.8	50.3	6.40	22.9	47.5	5.91	23.0	44.7	5.33	23.1
		456	55.2	6.93	23.5	52.8	6.72	23.6	50.3	6.43	23.6	47.5	5.93	23.7	44.7	5.35	23.8
	30	152	55.2	5.93	25.4	52.8	5.75	25.6	50.3	5.51	25.8	47.5	5.07	26.0	44.7	4.59	26.2
		304	55.2	5.80	27.7	52.8	5.63	27.8	50.3	5.38	27.9	47.5	4.96	28.0	44.7	4.49	28.1
		456	55.2	5.77	28.4	52.8	5.60	28.5	50.3	5.35	28.6	47.5	4.94	28.7	44.7	4.47	28.7
	35	152	55.2	5.38	30.3	52.8	5.22	30.5	50.3	4.99	30.7	47.5	4.61	31.0	44.7	4.16	31.2
		304	55.2	5.26	32.6	52.8	5.11	32.8	50.3	4.89	32.9	47.5	4.51	33.0	44.7	4.07	33.1
		456	55.2	5.19	33.4	52.8	5.04	33.5	50.3	4.82	33.6	47.5	4.45	33.6	44.7	4.02	33.7
	40	152	55.2	4.83	35.2	52.8	4.70	35.5	50.3	4.49	35.7	47.5	4.15	35.9	44.7	3.74	36.1
		304	55.2	4.73	37.6	52.8	4.60	37.7	50.3	4.40	37.8	47.5	4.06	37.9	44.7	3.67	38.1
		456	55.2	4.68	38.4	52.8	4.53	38.5	50.3	4.34	38.6	47.5	4.01	38.6	44.7	3.62	38.7
	45	152	55.2	4.11	40.2	52.8	3.98	40.4	50.3	3.81	40.6	47.5	3.52	40.9	44.7	3.18	41.1
		304	55.2	4.02	42.6	52.8	3.90	42.7	50.3	3.73	42.8	47.5	3.45	42.9	44.7	3.12	43.0
		456	55.2	3.97	43.4	52.8	3.85	43.5	50.3	3.68	43.5	47.5	3.40	43.6	44.7	3.07	43.7

1-13. AM340FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	162	95.4	6.83	19.0	104.7	8.11	20.0	112.8	8.88	20.8	121.0	9.45	21.5	123.9	9.54	21.8
		324	95.5	6.67	14.5	104.7	7.86	15.0	112.7	8.75	15.4	120.9	9.24	15.8	124.2	9.41	15.9
		486	95.3	6.58	13.0	104.7	7.74	13.3	112.8	8.50	13.6	120.8	8.95	13.8	124.2	9.19	13.9
	15	162	93.6	8.79	24.1	103.1	10.41	25.0	111.1	11.57	25.9	118.9	12.12	26.6	122.0	12.38	26.9
		324	93.6	8.66	19.5	103.0	10.18	20.0	111.1	11.37	20.4	118.9	11.95	20.8	122.0	12.22	20.9
		486	93.7	8.41	18.0	103.2	9.96	18.3	111.1	11.02	18.6	119.0	11.55	18.9	121.9	11.90	18.9
	20	162	92.3	10.49	29.1	101.8	12.27	30.1	109.8	13.71	30.9	117.2	14.37	31.6	120.4	14.67	32.0
		324	92.4	10.28	24.5	101.7	12.06	25.0	109.6	13.50	25.4	117.2	14.17	25.8	120.4	14.47	26.0
		486	92.4	9.93	23.0	101.6	11.72	23.3	109.7	13.09	23.6	117.2	13.65	23.9	120.5	14.07	24.0
	25	162	92.2	13.15	34.3	101.6	15.49	35.4	109.8	17.27	36.2	117.2	18.10	37.0	120.3	18.45	37.3
		324	92.3	13.00	29.7	101.7	15.23	30.2	109.8	16.95	30.6	117.2	17.88	31.0	120.3	18.18	31.1
		486	92.3	12.52	28.1	101.7	14.82	28.4	109.7	16.49	28.7	117.2	17.30	29.0	120.5	17.78	29.1
	30	162	92.4	15.45	39.5	101.7	18.12	40.6	109.8	20.26	41.5	117.3	21.21	42.3	120.5	21.62	42.6
		324	92.4	15.17	34.8	101.8	17.85	35.3	109.9	19.94	35.7	117.1	20.93	36.1	120.5	21.34	36.3
		486	92.3	14.69	33.2	101.8	17.27	33.5	109.8	19.29	33.8	117.3	20.21	34.1	120.4	20.78	34.2
	35	162	87.3	16.05	44.1	96.4	18.92	45.2	103.8	21.14	46.1	111.3	22.12	46.8	113.8	22.49	47.1
		324	87.3	15.74	39.6	96.5	18.59	40.1	103.8	20.71	40.5	111.3	21.80	40.9	113.7	22.26	41.0
		486	87.2	15.35	38.0	96.4	18.04	38.4	103.8	20.02	38.7	111.4	21.10	38.9	113.8	21.67	39.0
	40	162	72.8	16.75	47.9	80.2	19.71	48.8	86.5	21.91	49.6	92.6	23.02	50.2	95.3	23.51	50.5
		324	73.6	16.45	44.0	80.9	19.39	44.4	87.2	21.54	44.8	93.2	22.65	45.1	95.9	23.16	45.3
		486	74.6	15.95	42.7	82.1	18.75	43.0	88.5	20.94	43.2	94.7	21.96	43.4	97.3	22.60	43.5
	45	162	60.8	17.28	51.9	66.8	20.35	52.7	71.8	22.67	53.4	76.9	23.79	53.9	79.1	24.20	54.1
		324	61.3	16.98	48.5	67.2	20.02	48.9	72.3	22.30	49.2	77.5	23.46	49.5	79.5	23.94	49.6
		486	62.1	16.43	47.3	68.3	19.34	47.6	73.4	21.62	47.8	78.8	22.67	48.0	80.7	23.40	48.1
120	10	162	90.3	6.49	18.6	99.4	7.68	19.5	107.2	8.43	20.2	114.4	8.93	20.9	117.3	9.02	21.2
		324	90.3	6.38	14.3	99.3	7.53	14.7	107.1	8.28	15.1	114.4	8.72	15.4	117.4	8.91	15.6
		486	90.2	6.10	12.8	99.3	7.35	13.1	107.1	8.02	13.4	114.4	8.49	13.6	117.5	8.78	13.7
	15	162	89.2	8.44	23.6	97.9	9.93	24.5	105.8	11.08	25.3	113.3	11.60	26.0	116.1	11.79	26.3
		324	89.2	8.29	19.3	98.1	9.75	19.8	105.7	10.88	20.2	113.1	11.41	20.5	116.0	11.63	20.6
		486	89.3	8.01	17.9	98.0	9.51	18.2	105.8	10.52	18.4	113.1	11.06	18.7	116.0	11.39	18.8
	20	162	88.2	10.08	28.7	96.9	11.80	29.6	104.7	13.16	30.4	112.2	13.83	31.2	115.0	14.08	31.4
		324	88.2	9.84	24.3	97.0	11.57	24.8	104.7	12.96	25.2	112.1	13.64	25.6	115.0	13.86	25.7
		486	88.3	9.58	22.9	97.0	11.28	23.2	104.6	12.57	23.5	112.2	13.14	23.7	114.8	13.53	23.8
	25	162	88.2	12.62	33.9	96.9	14.86	34.9	104.6	16.51	35.7	112.1	17.37	36.5	115.0	17.69	36.7
		324	88.3	12.41	29.5	96.9	14.61	29.9	104.8	16.28	30.4	112.0	17.08	30.7	114.9	17.42	30.9
		486	88.4	11.97	28.0	97.0	14.17	28.3	104.7	15.81	28.6	112.2	16.56	28.8	115.1	16.97	28.9
	30	162	88.2	14.91	39.1	97.0	17.54	40.1	104.7	19.52	41.0	112.1	20.52	41.7	114.9	20.90	42.0
		324	88.4	14.65	34.6	97.0	17.24	35.1	104.8	19.27	35.5	112.2	20.19	35.9	115.0	20.59	36.0
		486	88.3	14.14	33.0	97.0	16.66	33.4	104.7	18.63	33.6	112.1	19.56	33.9	114.9	20.01	34.0
	35	162	84.8	15.71	43.9	93.4	18.56	44.9	101.0	20.70	45.8	107.8	21.62	46.5	110.6	22.05	46.7
		324	84.7	15.43	39.4	93.5	18.20	39.9	100.8	20.30	40.4	107.6	21.33	40.7	110.7	21.75	40.9
		486	84.7	14.98	37.9	93.4	17.66	38.3	100.9	19.63	38.6	107.7	20.64	38.8	110.6	21.18	38.9
	40	162	72.2	16.69	47.9	79.4	19.67	48.8	85.7	21.91	49.5	91.7	22.96	50.1	94.1	23.44	50.4
		324	72.9	16.42	44.0	80.4	19.37	44.4	86.5	21.50	44.8	92.2	22.61	45.1	94.9	23.07	45.2
		486	73.8	15.91	42.6	81.4	18.77	43.0	87.9	20.89	43.2	93.7	21.98	43.4	96.4	22.51	43.5
	45	162	61.5	17.53	52.0	68.1	20.66	52.9	73.5	23.05	53.5	78.3	24.17	54.1	80.2	24.63	54.3
		324	61.9	17.29	48.5	68.5	20.34	48.9	73.8	22.66	49.3	78.8	23.80	49.5	80.8	24.29	49.7
		486	62.8	16.67	47.3	69.6	19.72	47.6	75.0	21.96	47.9	80.0	23.08	48.0	82.0	23.59	48.1
110	10	162	85.2	6.06	18.1	93.5	7.26	18.9	100.9	7.94	19.6	108.1	8.44	20.3	110.5	8.50	20.5
		324	85.3	5.98	14.0	93.5	7.05	14.4	101.0	7.81	14.8	108.0	8.29	15.1	110.5	8.35	15.3
		486	85.3	5.80	12.7	93.6	6.86	13.0	100.9	7.66	13.2	108.0	8.00	13.4	110.5	8.23	13.5
	15	162	84.6	8.02	23.2	92.8	9.48	24.1	100.4	10.57	24.8	107.4	11.05	25.5	110.2	11.28	25.7
		324	84.5	7.89	19.1	93.0	9.27	19.5	100.4	10.39	19.9	107.5	10.92	20.2	110.1	11.09	20.4
		486	84.6	7.66	17.7	92.9	9.05	18.0	100.3	10.11	18.3	107.4	10.56	18.5	110.1	10.82	18.6
	20	162	84.2	9.68	28.3	92.6	11.33	29.2	100.0	12.65	30.0	106.8	13.26	30.6	109.6	13.52	30.9
		324	84.2	9.46	24.1	92.5	11.12	24.6	100.0	12.43	25.0	106.6	13.06	25.3	109.6	13.31	25.4
		486	84.3	9.20	22.8	92.5	10.82	23.0	99.8	12.08	23.3	106.7	12.66	23.5	109.5	12.92	23.6
	25	162	84.3	12.09	33.5	92.4	14.19	34.4	100.0	15.82	35.2	106.7	16.60	35.9	109.5	16.89	36.2
		324	84.2	11.90	29.3	92.6	13.98	29.7	99.8	15.56	30.1	106.8	16.34	30.4	109.5	16.61	30.6
		486	84.1	11.46	27.8	92.4	13.54	28.1	99.8	15.13	28.4	106.7	15.85	28.6	109.5	16.18	28.7
	30	162	84.2	14.37	38.7	92.4	16.87	39.7	100.0	18.85	40.5	106.7	19.74	41.2	109.5	20.13	41.5
		324	84.3	14.14	34.4	92.5	16.64	34.8	99.9	18.58	35.2	106.7	19.44	35.6	109.7	19.80	35.7
		486	84.3	13.65	32.9	92.4	16.13	33.2	99.9	17.95	33.5	106.8	18.83	33.7	109.6	19.25	33.8
	35	162	82.3	15.35	43.6	91.1	18.12	44.7	97.7	20.20	45.4	104.8	21.18	46.2	107.3	21.56	46.4
		324	82.4	15.11	39.3	91.0	17.81	39.8	97.6	19.84	40.2	104.7	20.85	40.6	107.4	21.24	40.7
		486	82.2	14.64	37.9	91.0	17.26	38.2	97.6	19.17	38.4	104.8	20.20	38.7	107.2	20.64	38.8
	40	162	71.5	16.72	47.8	78.8	19.68	48.7	84.8	21.84	49.4	91.0	22.95	50.1	93.6	23.43	50.4
		324	72.1	16.39	43.9	79.5	19.35	44.4	85.5	21.51	44.7	91.6	22.54	45.0	94.1	23.02	45.2
		486	73.2	15.88	42.6	80.7	18.76	42.9	86.7	20.85	43.2	92.9	21.93	43.4	95.7	22.37	43.5
	45	162	62.7	17.88	52.1	69.0	21.00	53.0	74.4	23.39	53.6	79.9	24.57	54.2	81.9	25.01	54.5
		324	63.2	17.53	48.6	69.5	20.65	49.0	74.8	23.03	49.3	80.4	24.21	49.6	82.5	24.64	49.7
		486	64.1	16.90	47.4	70.6	20.03	47.7	76.0	22.32	47.9	81.7	23.45	48.1	83.7	23.93	48.2

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	162	80.1	5.77	17.6	88.4	6.79	18.4	95.2	7.56	19.1	102.0	7.94	19.7	104.5	8.08	20.0
		324	80.1	5.67	13.8	88.4	6.67	14.2	95.2	7.44	14.5	102.0	7.80	14.9	104.5	7.95	15.0
		486	80.1	5.50	12.5	88.4	6.47	12.8	95.2	7.21	13.0	102.0	7.56	13.2	104.5	7.70	13.3
	15	162	80.1	7.70	22.8	88.4	9.06	23.6	95.2	10.09	24.3	102.0	10.58	25.0	104.5	10.78	25.2
		324	80.1	7.56	18.9	88.4	8.91	19.3	95.2	9.92	19.7	102.0	10.41	20.0	104.5	10.59	20.1
		486	80.1	7.33	17.6	88.4	8.64	17.9	95.2	9.63	18.1	102.0	10.10	18.3	104.5	10.27	18.4
	20	162	80.1	9.28	27.9	88.4	10.93	28.8	95.2	12.17	29.5	102.0	12.77	30.2	104.5	13.00	30.4
		324	80.1	9.11	23.9	88.4	10.73	24.4	95.2	11.95	24.7	102.0	12.54	25.1	104.5	12.79	25.2
		486	80.1	8.84	22.6	88.4	10.40	22.9	95.2	11.59	23.1	102.0	12.17	23.4	104.5	12.39	23.4
	25	162	80.1	11.54	33.1	88.4	13.59	34.0	95.2	15.17	34.8	102.0	15.89	35.4	104.5	16.21	35.7
		324	80.1	11.37	29.0	88.4	13.36	29.5	95.2	14.89	29.9	102.0	15.64	30.2	104.5	15.93	30.3
		486	80.1	11.01	27.7	88.4	12.97	28.0	95.2	14.46	28.2	102.0	15.15	28.5	104.5	15.43	28.5
	30	162	80.1	13.90	38.3	88.4	16.34	39.3	95.2	18.21	40.0	102.0	19.10	40.7	104.5	19.48	41.0
		324	80.1	13.64	34.1	88.4	16.08	34.6	95.2	17.97	35.0	102.0	18.79	35.3	104.5	19.13	35.5
		486	80.1	13.22	32.8	88.4	15.57	33.1	95.2	17.35	33.3	102.0	18.18	33.5	104.5	18.54	33.6
	35	162	80.1	15.07	43.4	88.4	17.78	44.4	95.2	19.81	45.2	102.0	20.78	45.9	104.5	21.17	46.1
		324	80.1	14.83	39.2	88.4	17.46	39.7	95.2	19.45	40.1	102.0	20.43	40.4	104.5	20.81	40.5
		486	80.1	14.38	37.8	88.4	16.93	38.1	95.2	18.85	38.4	102.0	19.80	38.6	104.5	20.17	38.7
	40	162	71.1	16.73	47.8	78.4	19.69	48.7	84.4	21.91	49.4	90.6	22.99	50.1	92.9	23.44	50.3
		324	71.8	16.43	43.9	79.2	19.37	44.4	85.1	21.54	44.7	91.3	22.60	45.0	93.5	23.03	45.2
		486	72.8	15.93	42.6	80.3	18.77	42.9	86.4	20.91	43.2	92.6	21.94	43.4	95.0	22.32	43.5
	45	162	63.9	18.20	52.3	70.6	21.41	53.1	75.9	23.86	53.8	81.3	25.07	54.4	83.4	25.48	54.6
		324	64.4	17.91	48.6	71.1	21.07	49.1	76.3	23.48	49.4	81.9	24.60	49.7	84.1	25.08	49.8
		486	65.3	17.31	47.4	72.1	20.44	47.7	77.5	22.75	48.0	83.2	23.86	48.2	85.2	24.33	48.2
90	10	162	72.0	5.46	16.9	79.6	6.43	17.6	85.5	7.15	18.2	91.5	7.50	18.8	94.1	7.65	19.0
		324	72.0	5.35	13.4	79.6	6.30	13.8	85.5	7.01	14.1	91.5	7.36	14.4	94.1	7.50	14.5
		486	72.1	5.22	12.3	79.6	6.14	12.5	85.5	6.84	12.7	91.5	7.17	12.9	94.1	7.32	13.0
	15	162	72.0	7.28	22.0	79.6	8.57	22.8	85.5	9.56	23.4	91.5	10.02	24.0	94.1	10.21	24.2
		324	72.1	7.14	18.5	79.6	8.41	18.9	85.5	9.36	19.2	91.5	9.84	19.5	94.1	10.02	19.6
		486	72.0	6.96	17.3	79.6	8.19	17.6	85.5	9.13	17.8	91.5	9.58	18.0	94.1	9.75	18.1
	20	162	72.0	8.78	27.1	79.6	10.34	28.0	85.5	11.53	28.6	91.5	12.09	29.2	94.1	12.30	29.4
		324	71.9	8.61	23.6	79.6	10.12	24.0	85.5	11.29	24.3	91.5	11.84	24.6	94.1	12.08	24.7
		486	72.0	8.40	22.4	79.6	9.88	22.6	85.5	11.01	22.8	91.5	11.55	23.0	94.1	11.77	23.1
	25	162	71.9	10.98	32.3	79.6	12.92	33.2	85.5	14.42	33.8	91.5	15.12	34.4	94.1	15.41	34.7
		324	72.1	10.78	28.7	79.6	12.68	29.1	85.5	14.13	29.4	91.5	14.83	29.7	94.1	15.13	29.8
		486	72.0	10.40	27.4	79.6	12.26	27.7	85.5	13.65	27.9	91.5	14.34	28.1	94.1	14.61	28.2
	30	162	71.9	13.17	37.5	79.6	15.51	38.4	85.5	17.25	39.1	91.5	18.12	39.7	94.1	18.46	40.0
		324	72.0	12.93	33.8	79.6	15.20	34.2	85.5	16.94	34.5	91.5	17.78	34.8	94.1	18.09	35.0
		486	72.0	12.60	32.5	79.6	14.81	32.8	85.5	16.51	33.0	91.5	17.33	33.2	94.1	17.64	33.3
	35	162	72.0	14.27	42.6	79.6	16.80	43.5	85.5	18.74	44.2	91.5	19.65	44.8	94.1	20.01	45.1
		324	72.0	14.01	38.8	79.6	16.51	39.3	85.5	18.41	39.6	91.5	19.31	39.9	94.1	19.67	40.0
		486	72.1	13.66	37.5	79.6	16.10	37.8	85.5	17.94	38.1	91.5	18.80	38.3	94.1	19.17	38.3
	40	162	64.0	15.82	47.1	70.7	18.62	47.9	75.9	20.78	48.6	81.5	21.78	49.1	83.5	22.20	49.4
		324	64.6	15.51	43.5	71.2	18.29	44.0	76.6	20.38	44.3	82.3	21.36	44.6	84.2	21.76	44.7
		486	65.4	15.15	42.4	72.3	17.84	42.7	77.7	19.86	42.9	83.4	20.83	43.1	85.4	21.22	43.1
	45	162	57.5	17.24	51.6	63.4	20.29	52.4	68.2	22.60	53.0	73.1	23.72	53.6	75.1	24.15	53.8
		324	58.0	16.89	48.3	64.0	19.92	48.7	68.8	22.20	49.0	73.8	23.28	49.3	75.6	23.73	49.4
		486	71.9	5.48	47.3	64.9	19.42	47.5	69.8	21.63	47.7	74.8	22.68	47.9	76.7	23.10	47.9
80	10	162	63.9	4.77	16.1	70.6	5.70	16.8	75.9	6.37	17.3	81.6	6.67	17.8	83.6	6.79	18.0
		324	64.0	4.62	13.0	70.6	5.61	13.4	75.9	6.25	13.6	81.6	6.57	13.9	83.6	6.68	14.0
		486	64.0	6.53	12.1	70.6	5.49	12.2	75.9	6.11	12.4	81.6	6.42	12.6	83.6	6.53	12.7
	15	162	63.9	6.36	21.2	70.6	7.63	21.9	75.9	8.49	22.5	81.6	8.91	23.0	83.6	9.08	23.2
		324	63.9	6.17	18.1	70.6	7.49	18.5	75.9	8.34	18.7	81.6	8.75	19.0	83.6	8.92	19.1
		486	63.9	7.88	17.1	70.6	7.32	17.3	75.9	8.16	17.5	81.6	8.57	17.7	83.6	8.71	17.7
	20	162	64.0	7.67	26.3	70.6	9.18	27.1	75.9	10.24	27.6	81.6	10.73	28.2	83.6	10.95	28.4
		324	64.0	7.43	23.2	70.6	9.02	23.5	75.9	10.06	23.8	81.6	10.55	24.1	83.6	10.74	24.2
		486	64.0	9.80	22.2	70.6	8.84	22.3	75.9	9.84	22.5	81.6	10.32	22.7	83.6	10.51	22.8
	25	162	63.9	9.66	31.5	70.6	11.55	32.3	75.9	12.88	32.9	81.6	13.50	33.4	83.6	13.76	33.6
		324	64.0	9.32	28.2	70.6	11.32	28.6	75.9	12.60	28.9	81.6	13.24	29.2	83.6	13.47	29.3
		486	63.9	11.73	27.2	70.6	10.97	27.4	75.9	12.22	27.6	81.6	12.80	27.8	83.6	13.06	27.9
	30	162	63.9	11.50	36.7	70.6	13.78	37.5	75.9	15.33	38.1	81.6	16.09	38.6	83.6	16.41	38.8
		324	64.0	11.19	33.3	70.6	13.60	33.7	75.9	15.15	34.0	81.6	15.90	34.3	83.6	16.19	34.4
		486	63.9	12.78	32.3	70.6	13.18	32.5	75.9	14.70	32.7	81.6	15.41	32.9	83.6	15.72	32.9
	35	162	63.9	12.55	41.8	70.6	15.03	42.6	75.9	16.73	43.2	81.6	17.58	43.8	83.6	17.89	44.0
		324	64.0	12.20	38.4	70.6	14.82	38.8	75.9	16.53	39.1	81.6	17.32	39.4	83.6	17.66	39.5
		486	56.9	14.10	37.1	70.6	14.29	37.5	75.9	15.91	37.7	81.6	16.69	37.9	83.6	17.02	38.0
	40	162	57.4	13.89	46.3	62.7	16.67	47.0	67.5	18.54	47.6	72.4	19.45	48.1	74.2	19.84	48.3
		324	58.2	13.54	43.2	63.3	16.42	43.5	68.0	18.31	43.8	73.0	19.21	44.1	74.9	19.56	44.2
		486	51.1	15.36	42.0	64.2	15.84	42.4	69.1	17.64	42.6	74.1	18.51	42.7	76.0	18.84	42.8
	45	162	51.6	15.14	50.9	56.4	18.12	51.6	60.6	20.17	52.1	65.0	21.17	52.6	66.7	21.59	52.8
		324	52.2	14.73	48.0	56.8	17.88	48.3	61.1	19.93	48.6	65.6	20.90	48.8	67.3	21.31	48.9
		486	57.6	4.61	46.8	57.7	17.21	47.2	62.0	19.22	47.4	66.5	20.13	47.6	68.2	20.49	47.6

1-13. AM340FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	162	56.1	4.02	15.3	61.8	4.73	15.9	66.3	5.27	16.3	71.2	5.53	16.8	73.1	5.64	17.0
		324	56.1	3.97	12.7	61.8	4.68	12.9	66.3	5.21	13.2	71.2	5.46	13.4	73.1	5.57	13.5
		486	56.1	3.83	11.8	61.8	4.51	12.0	66.3	5.02	12.1	71.2	5.27	12.3	73.1	5.37	12.3
	15	162	56.1	5.36	20.4	61.8	6.31	21.0	66.3	7.04	21.5	71.2	7.39	22.0	73.1	7.51	22.1
		324	56.1	5.30	17.7	61.7	6.24	18.0	66.3	6.95	18.2	71.2	7.30	18.5	73.1	7.43	18.6
		486	56.1	5.11	16.8	61.9	6.02	17.0	66.3	6.70	17.2	71.2	7.04	17.3	73.1	7.16	17.4
	20	162	56.1	6.47	25.5	61.8	7.62	26.1	66.3	8.48	26.6	71.2	8.89	27.1	73.1	9.06	27.3
		324	56.1	6.39	22.8	61.8	7.52	23.1	66.3	8.39	23.3	71.2	8.79	23.5	73.1	8.96	23.6
		486	56.1	6.16	21.8	61.9	7.26	22.0	66.3	8.09	22.2	71.2	8.48	22.3	73.1	8.63	22.4
	25	162	56.1	8.09	30.7	61.9	9.53	31.3	66.3	10.62	31.8	71.2	11.13	32.3	73.1	11.33	32.5
		324	56.1	7.96	27.8	61.9	9.37	28.2	66.3	10.45	28.4	71.2	10.96	28.6	73.1	11.16	28.7
		486	56.1	7.71	26.9	61.8	9.07	27.1	66.3	10.11	27.3	71.2	10.61	27.4	73.1	10.80	27.5
	30	162	56.1	9.70	35.8	61.9	11.43	36.5	66.3	12.75	37.0	71.2	13.36	37.5	73.1	13.60	37.7
		324	56.1	9.55	32.9	61.9	11.24	33.2	66.3	12.53	33.5	71.2	13.15	33.7	73.1	13.39	33.8
		486	56.1	9.29	31.9	61.9	10.92	32.1	66.3	12.17	32.3	71.2	12.76	32.5	73.1	13.02	32.5
	35	162	56.1	10.63	40.9	61.9	12.53	41.6	66.3	13.96	42.1	71.2	14.65	42.6	73.1	14.93	42.8
		324	56.1	10.37	37.9	61.8	12.21	38.3	66.3	13.61	38.5	71.2	14.28	38.8	73.1	14.55	38.9
		486	56.1	10.10	37.0	61.8	11.90	37.2	66.3	13.25	37.3	71.2	13.88	37.5	73.1	14.14	37.6
	40	162	49.8	11.80	45.5	55.0	13.88	46.1	59.0	15.45	46.6	63.4	16.22	47.0	65.0	16.52	47.2
		324	50.1	11.47	42.7	55.4	13.51	43.0	59.5	15.05	43.3	63.8	15.82	43.5	65.4	16.11	43.6
		486	50.9	11.17	41.8	56.3	13.18	42.0	60.4	14.68	42.2	64.7	15.38	42.4	66.5	15.70	42.4
	45	162	44.7	12.84	50.1	49.4	15.12	50.7	53.1	16.84	51.2	56.9	17.65	51.6	58.3	17.98	51.7
		324	45.1	12.50	47.5	49.7	14.70	47.8	53.5	16.40	48.1	57.4	17.19	48.3	58.8	17.51	48.4
		486	45.7	12.17	46.7	50.5	14.33	46.9	54.3	15.98	47.1	58.2	16.74	47.2	59.7	17.05	47.3
60	10	162	47.9	3.32	14.5	53.0	3.91	15.0	57.0	4.36	15.4	61.2	4.57	15.8	62.6	4.66	15.9
		324	47.9	3.23	12.3	52.9	3.81	12.5	57.0	4.24	12.7	61.2	4.44	12.9	62.6	4.53	13.0
		486	47.9	3.17	11.5	52.9	3.72	11.7	57.0	4.15	11.8	61.2	4.35	11.9	62.5	4.43	12.0
	15	162	47.9	4.43	19.6	53.0	5.22	20.1	57.0	5.81	20.6	61.2	6.10	21.0	62.7	6.22	21.1
		324	47.9	4.31	17.3	53.0	5.08	17.6	57.0	5.66	17.8	61.2	5.93	18.0	62.7	6.05	18.0
		486	47.9	4.22	16.5	53.0	4.98	16.7	57.0	5.54	16.8	61.2	5.81	17.0	62.6	5.92	17.0
	20	162	47.9	5.33	24.7	52.9	6.29	25.2	57.0	7.01	25.7	61.2	7.35	26.1	62.6	7.49	26.2
		324	47.9	5.20	22.4	53.0	6.12	22.6	56.9	6.82	22.8	61.2	7.15	23.0	62.7	7.29	23.1
		486	47.9	5.09	21.6	52.9	5.99	21.7	57.0	6.67	21.9	61.2	7.00	22.0	62.6	7.14	22.1
	25	162	47.9	6.64	29.8	52.9	7.82	30.4	57.0	8.71	30.8	61.2	9.13	31.2	62.6	9.32	31.4
		324	47.9	6.50	27.4	53.0	7.65	27.7	57.0	8.54	27.9	61.2	8.96	28.1	62.6	9.12	28.2
		486	47.9	6.31	26.6	53.0	7.43	26.8	56.9	8.27	26.9	61.2	8.69	27.1	62.6	8.84	27.1
	30	162	47.9	7.94	34.9	53.0	9.34	35.5	57.0	10.41	36.0	61.2	10.91	36.4	62.7	11.14	36.5
		324	47.9	7.77	32.5	53.0	9.15	32.7	57.0	10.20	33.0	61.2	10.70	33.2	62.5	10.90	33.2
		486	47.9	7.58	31.6	53.0	8.92	31.8	57.0	9.95	32.0	61.2	10.43	32.1	62.6	10.63	32.2
	35	162	47.9	8.61	40.0	53.0	10.12	40.6	57.0	11.29	41.0	61.2	11.84	41.5	62.6	12.07	41.6
		324	47.9	8.54	37.5	52.9	10.06	37.8	57.0	11.20	38.0	61.2	11.74	38.2	62.6	11.98	38.3
		486	47.9	8.25	36.7	53.0	9.73	36.9	57.0	10.84	37.0	61.2	11.38	37.1	62.6	11.56	37.2
	40	162	42.7	9.54	44.6	47.1	11.23	45.2	50.6	12.52	45.6	54.3	13.14	46.0	55.7	13.37	46.1
		324	43.1	9.45	42.3	47.5	11.13	42.6	51.0	12.41	42.8	54.7	13.00	43.0	56.2	13.27	43.1
		486	43.7	9.15	41.6	48.1	10.78	41.7	51.8	12.00	41.9	55.6	12.58	42.0	56.9	12.81	42.1
	45	162	38.3	10.39	49.3	42.3	12.23	49.8	45.5	13.60	50.2	48.7	14.29	50.6	50.0	14.57	50.7
		324	38.6	10.29	47.2	42.6	12.10	47.4	45.8	13.52	47.6	49.2	14.18	47.8	50.4	14.42	47.9
		486	39.2	9.97	46.4	43.3	11.72	46.6	46.5	13.06	46.8	49.9	13.71	46.9	51.1	13.95	46.9
50	10	162	40.0	2.53	13.8	44.1	2.98	14.2	47.4	3.32	14.5	51.0	3.49	14.8	52.2	3.55	14.9
		324	40.0	2.49	11.9	44.1	2.93	12.1	47.4	3.27	12.2	51.0	3.43	12.4	52.2	3.49	12.5
		486	40.0	2.44	11.3	44.1	2.87	11.4	47.4	3.20	11.5	51.0	3.36	11.6	52.3	3.43	11.6
	15	162	40.0	3.38	18.8	44.1	3.98	19.3	47.4	4.43	19.6	51.0	4.65	19.9	52.2	4.74	20.0
		324	40.1	3.33	16.9	44.1	3.91	17.1	47.4	4.36	17.3	51.0	4.58	17.5	52.2	4.66	17.5
		486	40.0	3.26	16.3	44.1	3.84	16.4	47.4	4.28	16.5	51.0	4.49	16.6	52.2	4.57	16.7
	20	162	40.0	4.07	23.9	44.1	4.80	24.3	47.4	5.34	24.7	51.0	5.61	25.0	52.2	5.72	25.1
		324	40.0	4.01	21.9	44.1	4.72	22.2	47.4	5.26	22.3	51.0	5.51	22.5	52.2	5.62	22.6
		486	40.0	3.93	21.3	44.1	4.63	21.4	47.4	5.15	21.5	51.0	5.40	21.7	52.2	5.51	21.7
	25	162	40.0	5.11	29.0	44.1	6.01	29.4	47.4	6.70	29.8	51.0	7.02	30.1	52.2	7.15	30.3
		324	40.0	4.95	27.0	44.2	5.83	27.2	47.4	6.49	27.4	51.0	6.82	27.6	52.3	6.93	27.6
		486	40.0	4.91	26.3	44.1	5.77	26.5	47.4	6.43	26.6	51.0	6.76	26.7	52.2	6.88	26.7
	30	162	40.0	6.15	34.1	44.2	7.25	34.5	47.4	8.08	34.9	51.0	8.49	35.3	52.2	8.63	35.4
		324	40.0	5.98	32.0	44.1	7.05	32.3	47.4	7.85	32.4	51.0	8.24	32.6	52.2	8.39	32.7
		486	40.0	5.88	31.4	44.1	6.90	31.5	47.4	7.70	31.6	51.0	8.08	31.7	52.2	8.22	31.8
	35	162	40.0	6.69	39.1	44.1	7.86	39.6	47.4	8.77	40.0	51.0	9.19	40.3	52.2	9.37	40.5
		324	40.0	6.51	37.1	44.1	7.66	37.3	47.4	8.53	37.5	51.0	8.96	37.7	52.2	9.12	37.7
		486	40.1	6.33	36.4	44.1	7.44	36.5	47.4	8.30	36.6	51.0	8.70	36.8	52.2	8.86	36.8
	40	162	35.6	7.40	43.8	39.2	8.71	44.2	42.2	9.71	44.6	45.2	10.20	44.9	46.4	10.39	45.0
		324	35.9	7.21	41.9	39.6	8.48	42.1	42.5	9.46	42.3	45.6	9.91	42.5	46.8	10.10	42.5
		486	36.3	7.00	41.3	40.1	8.26	41.4	43.2	9.19	41.5	46.3	9.63	41.7	47.5	9.81	41.7
	45	162	31.9	8.06	48.5	35.2	9.50	49.0	37.9	10.56	49.3	40.6	11.09	49.6	41.7	11.29	49.7
		324	32.2	7.84	46.8	35.6	9.23	47.0	38.2	10.28	47.1	41.0	10.79	47.3	42.0	11.00	47.3
		486	32.7	7.63	46.2	36.0	8.97	46.3	38.7	10.00	46.4	41.5	10.48	46.5	42.7	10.69	46.6

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	162	122.1	25.53	1.5	119.2	24.57	1.6	113.9	23.87	2.0	107.2	22.24	2.5	102.8	20.40	2.7
		324	124.6	24.67	5.6	121.1	24.12	5.7	116.2	23.50	5.9	109.3	21.85	6.1	104.9	20.07	6.2
		486	131.5	24.81	6.9	128.8	24.22	6.9	124.3	23.33	7.0	117.0	21.76	7.2	112.4	20.31	7.3
	15	162	134.7	22.64	5.1	131.3	21.58	5.3	125.8	20.89	5.7	118.2	19.42	6.3	113.1	17.86	6.6
		324	138.0	21.10	9.8	134.7	20.98	10.0	129.9	20.55	10.2	122.2	18.99	10.4	116.6	17.36	10.6
		486	137.2	21.99	11.6	135.6	21.54	11.6	132.2	20.64	11.7	124.2	19.03	11.9	119.0	18.24	12.0
	20	162	138.4	21.45	9.7	135.4	20.57	9.8	130.5	19.70	10.2	122.7	18.03	10.7	117.1	17.11	11.1
		324	140.6	20.24	14.7	139.4	20.18	14.7	134.5	19.55	14.9	126.7	18.41	15.2	121.4	17.72	15.4
		486	140.5	20.47	16.5	138.7	20.09	16.5	137.0	19.82	16.5	128.2	18.56	16.8	122.6	17.92	16.9
	25	162	143.0	19.92	14.1	138.8	19.63	14.5	136.3	19.18	14.6	129.0	18.05	15.2	123.9	17.13	15.6
		324	141.1	19.39	19.6	139.0	19.66	19.7	136.3	19.01	19.8	128.8	17.97	20.1	123.8	17.02	20.3
		486	140.0	19.28	21.4	139.0	18.76	21.5	136.4	18.81	21.5	128.9	17.84	21.7	123.9	16.29	21.8
	30	162	140.2	17.88	19.2	139.0	18.01	19.3	136.4	18.25	19.5	129.0	16.80	20.1	124.1	16.12	20.5
		324	140.1	17.45	24.6	139.0	18.11	24.7	136.1	17.82	24.8	129.0	16.80	25.0	123.8	15.37	25.2
		486	140.3	17.30	26.4	138.9	17.11	26.4	136.3	17.42	26.5	128.9	16.03	26.7	123.7	15.73	26.8
	35	162	140.2	16.84	24.1	139.0	17.34	24.2	136.3	18.03	24.5	129.0	16.43	25.0	123.9	15.20	25.4
		324	140.2	16.88	29.5	138.9	17.64	29.6	136.2	17.70	29.8	129.0	16.47	30.0	123.7	15.12	30.2
		486	140.2	16.60	31.4	138.9	17.03	31.4	136.4	17.31	31.5	128.9	15.76	31.7	124.0	14.49	31.8
	40	162	140.2	15.68	29.0	138.9	16.26	29.1	136.4	17.43	29.5	129.0	16.03	30.0	123.9	14.84	30.3
		324	140.1	15.71	34.5	138.8	16.52	34.6	136.3	16.90	34.7	129.0	15.78	35.0	123.9	14.60	35.2
		486	140.3	15.55	36.3	138.9	15.84	36.4	136.4	17.07	36.5	129.0	15.54	36.7	123.9	14.32	36.8
	45	162	140.3	13.81	33.8	138.9	14.46	34.0	136.2	16.22	34.4	128.9	14.93	34.9	123.8	13.93	35.3
		324	140.3	13.92	39.4	138.9	14.73	39.5	136.3	15.39	39.7	129.0	14.35	39.9	123.8	13.46	40.1
		486	140.2	13.98	41.3	138.8	13.93	41.3	136.3	16.09	41.5	129.0	14.54	41.6	123.9	13.68	41.7
120	10	162	116.4	25.30	1.9	113.7	24.47	2.1	108.3	23.70	2.5	102.1	21.92	2.9	97.3	20.12	3.2
		324	118.1	24.97	5.9	115.2	24.31	6.0	109.7	23.49	6.2	103.6	21.66	6.4	98.8	19.72	6.5
		486	124.9	24.55	7.0	120.4	23.91	7.2	117.3	23.31	7.2	110.7	21.56	7.4	105.5	19.65	7.5
	15	162	128.1	22.21	5.6	124.5	21.39	5.9	119.6	20.59	6.2	112.7	19.16	6.7	107.3	17.56	7.1
		324	130.4	21.77	10.2	127.6	21.34	10.3	122.4	20.54	10.5	115.1	18.96	10.7	109.4	17.14	10.9
		486	129.8	21.43	11.8	126.4	20.87	11.9	123.8	20.62	12.0	116.4	19.04	12.1	110.8	17.28	12.2
	20	162	130.5	20.56	10.3	127.9	19.75	10.4	122.8	18.82	10.8	115.5	17.41	11.3	109.7	16.62	11.8
		324	132.1	19.94	15.0	130.6	19.79	15.1	125.4	19.06	15.3	118.2	17.76	15.6	112.6	16.70	15.8
		486	131.6	19.92	16.7	128.4	19.47	16.8	127.2	19.15	16.8	119.5	17.97	17.0	113.6	17.00	17.2
	25	162	134.4	18.84	14.8	129.8	18.18	15.1	126.4	17.76	15.4	119.5	16.62	15.9	114.5	15.71	16.3
		324	132.8	18.35	19.9	129.8	18.22	20.1	126.2	17.84	20.2	119.3	16.51	20.5	114.5	15.62	20.6
		486	132.4	17.57	21.6	129.7	17.42	21.7	126.4	17.56	21.8	119.3	16.77	22.0	114.7	14.91	22.1
	30	162	132.4	16.59	19.7	129.7	16.66	20.0	126.4	16.59	20.3	119.5	15.10	20.8	114.6	14.43	21.1
		324	132.5	16.18	24.9	129.6	16.49	25.0	126.4	16.32	25.1	119.4	15.06	25.4	114.6	13.72	25.5
		486	132.5	15.60	26.6	129.7	15.62	26.6	126.3	15.90	26.7	119.6	14.75	26.9	114.6	14.06	27.0
	35	162	132.5	15.54	24.7	129.5	15.71	24.9	126.3	16.12	25.2	119.5	14.67	25.7	114.5	13.50	26.1
		324	132.7	15.22	29.8	129.7	15.71	30.0	126.3	15.55	30.1	119.6	14.34	30.3	114.5	13.18	30.5
		486	132.6	14.68	31.5	129.5	15.26	31.6	126.3	15.62	31.7	119.6	14.13	31.9	114.5	12.95	32.0
	40	162	132.5	14.44	29.6	129.5	14.51	29.8	126.5	15.28	30.2	119.4	13.94	30.7	114.7	12.85	31.0
		324	132.5	13.84	34.7	129.7	14.41	34.9	126.3	14.68	35.1	119.3	13.66	35.3	114.6	12.56	35.5
		486	132.6	13.83	36.5	129.6	13.85	36.6	126.2	14.81	36.7	119.5	13.43	36.9	114.6	12.32	37.0
	45	162	132.4	12.73	34.4	129.8	12.65	34.6	126.2	13.80	35.1	119.5	12.61	35.5	114.6	11.70	35.9
		324	132.6	11.92	39.7	129.6	12.50	39.8	126.4	13.25	40.0	119.5	12.30	40.3	114.5	11.44	40.4
		486	132.6	12.46	41.5	129.6	11.94	41.5	126.3	13.46	41.7	119.6	12.09	41.8	114.6	11.27	42.0
110	10	162	111.4	25.57	2.4	108.1	24.59	2.6	102.6	23.76	3.0	97.0	21.89	3.4	91.7	20.10	3.7
		324	112.4	25.08	6.1	108.8	24.33	6.3	103.6	23.48	6.5	98.2	21.68	6.6	92.7	19.72	6.8
		486	118.9	24.76	7.2	115.3	23.92	7.3	110.5	23.14	7.4	104.2	21.33	7.6	98.6	19.67	7.7
	15	162	122.4	22.35	6.1	118.5	21.59	6.4	113.3	20.72	6.8	107.0	19.15	7.2	100.9	17.58	7.6
		324	123.6	21.59	10.5	120.2	21.30	10.6	114.7	20.56	10.8	108.1	18.96	11.1	102.3	17.13	11.2
		486	123.4	21.52	12.0	119.8	20.87	12.1	115.6	20.20	12.2	108.7	18.59	12.3	102.6	17.28	12.5
	20	162	123.9	19.95	10.8	120.2	19.42	11.1	114.9	18.59	11.5	108.1	17.15	12.0	102.2	16.08	12.4
		324	124.7	19.51	15.3	121.1	19.15	15.5	116.4	18.45	15.7	109.6	17.23	15.9	103.5	15.93	16.1
		486	124.6	19.71	16.9	121.1	19.08	17.0	117.2	18.54	17.1	110.2	16.92	17.2	104.6	16.11	17.4
	25	162	125.7	17.58	15.4	121.0	17.06	15.8	116.9	16.74	16.1	110.3	15.42	16.6	104.9	14.33	17.0
		324	125.0	17.26	20.2	121.0	16.96	20.4	117.0	16.60	20.6	110.4	15.32	20.8	104.8	14.19	21.0
		486	124.8	17.54	21.8	120.9	16.97	21.9	117.0	16.29	22.0	110.2	15.58	22.2	104.8	13.55	22.3
	30	162	124.9	14.79	20.3	121.1	15.01	20.6	116.9	14.77	21.0	110.4	13.68	21.4	104.8	12.50	21.8
		324	124.8	14.66	25.1	121.0	14.89	25.3	117.0	14.48	25.5	110.4	13.59	25.7	104.8	12.05	25.9
		486	124.8	14.71	26.8	121.0	14.22	26.9	117.1	14.07	27.0	110.4	12.96	27.1	104.9	12.35	27.3
	35	162	124.9	13.77	25.2	120.9	13.76	25.5	117.0	13.97	25.9	110.3	12.63	26.4	104.8	11.53	26.7
		324	124.9	13.73	30.1	121.0	14.03	30.3	117.0	13.65	30.4	110.3	12.58	30.7	104.7	11.44	30.9
		486	124.8	12.96	31.7	120.9	13.31	31.8	117.0	13.32	31.9	110.1	12.38	32.1	104.9	11.24	32.2
	40	162	125.0	12.47	30.0	121.0	12.81	30.4	116.8	13.09	30.8	110.1	11.86	31.3	104.9	10.82	31.7
		324	124.7	12.43	35.0	121.0	12.75	35.2	116.9	12.51	35.4	110.3	11.82	35.6	104.8	10.82	35.8
		486	124.9	12.38	36.7	121.1	12.06	36.8	116.9	12.64	36.9	110.3	11.15	37.1	104.7	10.18	37.2
	45	162	124.9	10.64	34.9	121.0	11.26	35.3	116.9	11.68	35.7	110.2	10.65	36.2	105.0	9.74	36.6
		324	124.9	10.60	39.9	121.1	10.95	40.1	116.9	10.85	40.3	110.3	10.52	40.6	104.8	9.73	40.8
		486	124.9	11.32	41.7	120.9	10.32	41.7	117.0	11.48	41.9	110.3	9.52	42.0	104.8	8.70	42.2

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2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	162	106.7	25.76	2.8	102.0	24.97	3.2	97.0	23.92	3.5	91.7	22.05	3.8	86.2	19.93	4.1
		324	107.2	25.52	6.4	102.4	24.74	6.6	97.4	23.64	6.7	92.1	21.82	6.9	86.6	19.70	7.0
		486	113.3	25.06	7.4	108.3	24.31	7.5	103.3	23.27	7.6	97.7	21.47	7.8	91.8	19.39	7.9
	15	162	117.3	22.49	6.6	112.2	21.83	7.0	107.1	20.87	7.4	101.1	19.28	7.8	94.9	17.42	8.1
		324	117.3	22.29	10.8	112.2	21.63	11.0	107.1	20.70	11.2	101.1	19.09	11.4	94.9	17.25	11.6
		486	117.3	21.88	12.2	112.2	21.23	12.3	107.1	20.34	12.4	101.1	18.73	12.6	94.9	16.95	12.7
	20	162	117.3	19.82	11.4	112.2	19.24	11.8	107.1	18.38	12.2	101.1	16.96	12.6	94.9	15.34	13.0
		324	117.3	19.61	15.7	112.2	19.03	15.9	107.1	18.27	16.1	101.1	16.79	16.3	94.9	15.19	16.5
		486	117.3	19.27	17.1	112.2	18.72	17.2	107.1	17.88	17.4	101.1	16.50	17.5	94.9	14.92	17.6
	25	162	117.3	16.79	16.1	112.2	16.32	16.5	107.1	15.61	16.9	101.1	14.37	17.3	94.9	13.01	17.8
		324	117.3	16.64	20.5	112.2	16.12	20.7	107.1	15.44	20.9	101.1	14.23	21.2	94.9	12.86	21.4
		486	117.3	16.35	22.0	112.2	15.85	22.2	107.1	15.16	22.3	101.1	13.99	22.4	94.9	12.65	22.6
	30	162	117.3	14.06	20.9	112.2	13.64	21.3	107.1	13.05	21.7	101.1	12.04	22.1	94.9	10.87	22.6
		324	117.3	13.89	25.4	112.2	13.51	25.6	107.1	12.93	25.8	101.1	11.93	26.1	94.9	10.77	26.3
		486	117.3	13.67	26.9	112.2	13.29	27.1	107.1	12.71	27.2	101.1	11.71	27.4	94.9	10.59	27.5
	35	162	117.3	12.77	25.8	112.2	12.38	26.2	107.1	11.85	26.6	101.1	10.94	27.0	94.9	9.89	27.5
		324	117.3	12.65	30.4	112.2	12.27	30.6	107.1	11.73	30.8	101.1	10.82	31.0	94.9	9.79	31.2
		486	117.3	12.42	31.9	112.2	12.05	32.0	107.1	11.55	32.2	101.1	10.65	32.3	94.9	9.62	32.5
	40	162	117.3	11.50	30.6	112.2	11.15	31.1	107.1	10.67	31.5	101.1	9.84	31.9	94.9	8.89	32.4
		324	117.3	11.37	35.3	112.2	11.04	35.5	107.1	10.56	35.7	101.1	9.73	36.0	94.9	8.81	36.2
		486	117.3	11.17	36.9	112.2	10.85	37.0	107.1	10.38	37.1	101.1	9.58	37.3	94.9	8.64	37.5
	45	162	117.3	9.76	35.5	112.2	9.46	35.9	107.1	9.05	36.3	101.1	8.36	36.8	94.9	7.56	37.3
		324	117.3	9.65	40.2	112.2	9.38	40.5	107.1	8.97	40.7	101.1	8.27	40.9	94.9	7.47	41.1
		486	117.3	9.49	41.8	112.2	9.20	42.0	107.1	8.82	42.1	101.1	8.13	42.3	94.9	7.35	42.4
90	10	162	95.9	24.37	3.7	91.7	23.65	4.0	87.3	22.63	4.3	82.5	20.87	4.5	77.5	18.86	4.8
		324	96.3	24.07	6.8	92.1	23.34	7.0	87.7	22.35	7.1	82.9	20.60	7.2	78.0	18.63	7.4
		486	102.0	23.79	7.7	97.5	23.12	7.8	92.9	22.10	7.9	88.0	20.39	8.0	82.6	18.40	8.1
	15	162	105.5	21.30	7.6	100.9	20.69	7.9	96.1	19.78	8.2	90.9	18.25	8.6	85.5	16.47	8.9
		324	105.5	21.04	11.3	100.9	20.39	11.4	96.1	19.51	11.6	90.9	18.00	11.8	85.5	16.27	11.9
		486	105.5	20.78	12.5	100.9	20.19	12.6	96.1	19.32	12.7	90.9	17.82	12.8	85.5	16.09	13.0
	20	162	105.5	18.75	12.3	100.9	18.18	12.7	96.1	17.41	13.0	90.9	16.06	13.4	85.5	14.50	13.7
		324	105.5	18.49	16.2	100.9	17.95	16.3	96.1	17.19	16.5	90.9	15.86	16.7	85.5	14.34	16.9
		486	105.5	18.31	17.4	100.9	17.78	17.5	96.0	17.02	17.7	90.9	15.66	17.8	85.5	14.17	17.9
	25	162	105.5	15.95	17.1	100.9	15.48	17.4	96.2	14.81	17.8	90.9	13.66	18.2	85.5	12.36	18.5
		324	105.5	15.76	21.0	100.9	15.33	21.2	96.1	14.65	21.4	90.9	13.52	21.6	85.5	12.19	21.8
		486	105.5	15.44	22.3	100.9	15.01	22.5	96.0	14.35	22.6	90.9	13.23	22.7	85.5	11.95	22.8
	30	162	105.5	13.31	21.8	100.9	12.91	22.2	96.0	12.37	22.6	90.9	11.40	23.0	85.5	10.30	23.3
		324	105.5	13.15	25.9	100.9	12.79	26.1	96.2	12.22	26.3	90.9	11.28	26.5	85.5	10.19	26.7
		486	105.5	13.01	27.3	100.9	12.65	27.4	96.0	12.09	27.5	90.9	11.14	27.6	85.5	10.07	27.8
	35	162	105.5	12.09	26.7	100.9	11.72	27.1	96.1	11.22	27.5	90.9	10.35	27.9	85.5	9.34	28.3
		324	105.5	11.96	30.9	100.9	11.60	31.0	96.2	11.11	31.2	90.9	10.24	31.4	85.5	9.24	31.6
		486	105.5	11.82	32.2	100.9	11.46	32.4	96.0	10.96	32.5	90.9	10.11	32.6	85.5	9.15	32.7
	40	162	105.5	10.88	31.6	100.9	10.56	32.0	96.0	10.09	32.4	90.9	9.32	32.8	85.5	8.41	33.2
		324	105.5	10.74	35.8	100.9	10.44	36.0	96.2	9.97	36.2	90.9	9.21	36.4	85.5	8.33	36.6
		486	105.5	10.61	37.2	100.9	10.31	37.3	96.2	9.85	37.5	90.9	9.11	37.6	85.5	8.22	37.7
	45	162	105.5	9.23	36.5	100.9	8.96	36.9	96.1	8.57	37.3	90.9	7.90	37.7	85.5	7.14	38.1
		324	105.5	9.12	40.7	100.9	8.86	40.9	96.2	8.48	41.1	90.9	7.82	41.3	85.5	7.06	41.5
		486	105.5	9.02	42.2	100.9	8.75	42.3	96.1	8.38	42.4	90.9	7.73	42.5	85.5	6.99	42.7
80	10	162	85.2	21.67	4.4	81.5	21.02	4.6	77.7	20.12	4.9	73.5	18.56	5.1	69.0	16.74	5.4
		324	85.6	21.43	7.2	81.9	20.79	7.3	78.0	19.91	7.4	73.8	18.35	7.5	69.3	16.60	7.7
		486	90.6	21.24	8.0	86.8	20.62	8.0	82.5	19.74	8.1	78.1	18.23	8.2	73.5	16.44	8.3
	15	162	93.9	18.92	8.4	89.8	18.36	8.7	85.5	17.58	9.0	80.7	16.22	9.3	75.9	14.65	9.6
		324	93.7	18.71	11.7	89.8	18.20	11.8	85.5	17.40	12.0	80.7	16.04	12.1	75.9	14.51	12.3
		486	93.7	18.60	12.8	89.8	18.05	12.9	85.5	17.25	13.0	80.6	15.93	13.1	75.9	14.38	13.2
	20	162	93.8	16.65	13.2	89.8	16.15	13.5	85.5	15.47	13.8	80.8	14.27	14.1	75.9	12.90	14.4
		324	93.8	16.49	16.6	89.8	16.01	16.7	85.5	15.31	16.9	80.8	14.12	17.1	75.9	12.76	17.2
		486	93.9	16.35	17.7	89.8	15.88	17.8	85.5	15.19	17.9	80.7	14.02	18.0	75.9	12.66	18.1
	25	162	93.8	14.28	18.0	89.8	13.86	18.3	85.5	13.25	18.6	80.6	12.23	18.9	75.9	11.05	19.3
		324	93.7	14.06	21.5	89.8	13.65	21.6	85.5	13.06	21.8	80.8	12.05	22.0	75.9	10.89	22.1
		486	93.8	13.82	22.6	89.8	13.40	22.7	85.5	12.83	22.9	80.8	11.84	23.0	75.9	10.70	23.1
	30	162	93.7	11.82	22.8	89.8	11.50	23.1	85.5	10.98	23.4	80.7	10.14	23.8	75.9	9.15	24.1
		324	93.9	11.78	26.4	89.8	11.44	26.5	85.5	10.93	26.7	80.7	10.10	26.9	75.9	9.11	27.0
		486	93.8	11.57	27.6	89.8	11.24	27.7	85.5	10.75	27.8	80.6	9.91	27.9	75.9	8.97	28.0
	35	162	93.8	10.79	27.7	89.8	10.47	28.0	85.5	10.02	28.3	80.6	9.25	28.7	75.9	8.36	29.0
		324	93.7	10.73	31.3	89.8	10.42	31.5	85.5	9.98	31.7	80.7	9.19	31.8	75.9	8.30	32.0
		486	93.8	10.47	32.5	89.8	10.17	32.7	85.5	9.74	32.8	80.7	8.99	32.9	75.9	8.12	33.0
	40	162	93.8	9.72	32.6	89.8	9.43	32.9	85.5	9.02	33.2	80.7	8.31	33.6	75.9	7.52	33.9
		324	93.8	9.65	36.3	89.8	9.38	36.4	85.5	8.96	36.6	80.6	8.27	36.8	75.9	7.48	37.0
		486	93.9	9.43	37.5	89.8	9.16	37.6	85.5	8.77	37.7	80.7	8.09	37.9	75.9	7.30	38.0
	45	162	93.8	8.24	37.4	89.8	8.01	37.8	85.5	7.66	38.1	80.7	7.06	38.5	75.9	6.37	38.8
		324	93.8	8.20	41.2	89.8	7.97	41.4	85.5	7.62	41.6	80.7	7.02	41.7	75.9	6.34	41.9
		486	93.7	8.01	42.5	89.8	7.77	42.6	85.5	7.43	42.7	80.7	6.86	42.8	75.9	6.20	42.9

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	162	74.5	17.96	5.0	71.3	17.40	5.2	67.9	16.67	5.5	64.2	15.37	5.7	60.4	13.87	5.9
		324	74.9	17.85	7.5	71.6	17.34	7.6	68.3	16.57	7.7	64.6	15.29	7.8	60.5	13.81	7.9
		486	79.4	17.44	8.2	75.9	16.96	8.3	72.2	16.23	8.3	68.3	14.96	8.4	64.2	13.52	8.5
	15	162	82.1	15.68	9.1	78.5	15.20	9.4	74.8	14.56	9.7	70.8	13.44	9.9	66.6	12.14	10.2
		324	82.1	15.60	12.1	78.6	15.16	12.2	74.8	14.49	12.3	70.8	13.38	12.5	66.6	12.07	12.6
		486	82.1	15.27	13.0	78.5	14.82	13.1	74.8	14.18	13.2	70.8	13.06	13.3	66.6	11.82	13.4
	20	162	82.1	13.80	14.0	78.5	13.40	14.2	74.8	12.82	14.5	70.8	11.84	14.8	66.6	10.67	15.1
		324	82.1	13.74	17.0	78.5	13.34	17.1	74.8	12.75	17.3	70.8	11.78	17.4	66.6	10.63	17.5
		486	82.1	13.44	18.0	78.5	13.03	18.1	74.8	12.47	18.2	70.8	11.51	18.3	66.6	10.40	18.3
	25	162	82.1	11.77	18.8	78.5	11.40	19.1	74.8	10.90	19.3	70.8	10.08	19.6	66.6	9.10	19.9
		324	82.1	11.65	21.9	78.6	11.32	22.0	74.7	10.82	22.2	70.8	9.99	22.3	66.6	9.01	22.5
		486	82.1	11.44	22.9	78.5	11.11	23.0	74.8	10.63	23.1	70.8	9.80	23.2	66.6	8.86	23.3
	30	162	82.1	9.83	23.6	78.4	9.54	23.9	74.8	9.14	24.2	70.8	8.41	24.5	66.6	7.61	24.8
		324	82.1	9.74	26.8	78.5	9.46	26.9	74.8	9.06	27.1	70.8	8.34	27.2	66.6	7.54	27.4
		486	82.1	9.60	27.9	78.6	9.30	28.0	74.8	8.90	28.1	70.8	8.21	28.2	66.6	7.43	28.3
	35	162	82.1	9.00	28.5	78.6	8.72	28.8	74.8	8.36	29.1	70.8	7.70	29.4	66.6	6.97	29.7
		324	82.1	8.83	31.8	78.5	8.56	31.9	74.7	8.20	32.1	70.8	7.57	32.2	66.6	6.83	32.4
		486	82.1	8.73	32.8	78.5	8.47	32.9	74.8	8.10	33.0	70.8	7.48	33.1	66.6	6.75	33.2
	40	162	82.1	8.09	33.5	78.5	7.85	33.7	74.8	7.52	34.0	70.8	6.93	34.3	66.6	6.26	34.7
		324	82.1	7.94	36.7	78.5	7.71	36.9	74.8	7.37	37.0	70.8	6.81	37.2	66.6	6.15	37.3
		486	82.1	7.85	37.8	78.5	7.61	37.9	74.8	7.28	38.0	70.8	6.73	38.1	66.6	6.08	38.2
	45	162	82.1	6.87	38.3	78.5	6.68	38.6	74.8	6.38	38.9	70.8	5.89	39.3	66.6	5.32	39.6
		324	82.1	6.74	41.7	78.5	6.55	41.8	74.8	6.26	42.0	70.8	5.77	42.1	66.6	5.22	42.3
		486	82.1	6.66	42.8	78.6	6.47	42.9	74.8	6.19	43.0	70.8	5.71	43.1	66.6	5.16	43.2
60	10	162	63.9	14.81	5.7	61.2	14.39	5.9	58.3	13.76	6.1	55.0	12.70	6.3	51.8	11.48	6.4
		324	64.3	14.54	7.8	61.4	14.09	7.9	58.5	13.50	8.0	55.3	12.45	8.1	52.0	11.25	8.2
		486	68.0	14.41	8.4	65.0	14.00	8.5	62.0	13.40	8.6	58.6	12.37	8.6	55.0	11.16	8.7
	15	162	70.3	12.96	9.9	67.4	12.58	10.1	64.1	12.01	10.4	60.5	11.09	10.6	56.9	10.02	10.8
		324	70.3	12.68	12.5	67.4	12.33	12.6	64.1	11.79	12.7	60.6	10.88	12.8	56.9	9.82	12.9
		486	70.3	12.60	13.3	67.4	12.24	13.4	64.1	11.71	13.5	60.5	10.81	13.5	56.9	9.74	13.6
	20	162	70.3	11.41	14.8	67.4	11.06	15.0	64.2	10.58	15.3	60.5	9.76	15.5	56.9	8.83	15.7
		324	70.3	11.17	17.4	67.4	10.84	17.5	64.1	10.38	17.6	60.6	9.58	17.7	56.9	8.64	17.9
		486	70.3	11.09	18.3	67.4	10.77	18.3	64.2	10.31	18.4	60.6	9.50	18.5	56.9	8.59	18.6
	25	162	70.3	9.64	19.6	67.4	9.38	19.9	64.1	8.96	20.1	60.6	8.26	20.4	56.9	7.47	20.6
		324	70.3	9.51	22.3	67.4	9.25	22.4	64.1	8.85	22.6	60.5	8.15	22.7	56.8	7.37	22.8
		486	70.3	9.35	23.2	67.4	9.08	23.3	64.1	8.69	23.4	60.6	8.02	23.5	56.8	7.24	23.5
	30	162	70.3	8.03	24.5	67.4	7.80	24.7	64.1	7.45	25.0	60.6	6.87	25.2	56.9	6.21	25.5
		324	70.3	7.92	27.2	67.4	7.68	27.4	64.2	7.36	27.5	60.6	6.79	27.6	56.9	6.13	27.8
		486	70.3	7.83	28.2	67.4	7.59	28.2	64.1	7.28	28.3	60.6	6.72	28.4	56.9	6.06	28.5
	35	162	70.3	7.28	29.4	67.4	7.06	29.7	64.1	6.76	29.9	60.6	6.24	30.2	56.9	5.63	30.5
		324	70.3	7.27	32.2	67.4	7.06	32.3	64.1	6.75	32.5	60.6	6.23	32.6	56.9	5.63	32.7
		486	70.3	7.14	33.1	67.4	6.93	33.2	64.1	6.64	33.3	60.6	6.11	33.4	56.9	5.52	33.5
	40	162	70.3	6.55	34.4	67.4	6.36	34.6	64.1	6.08	34.9	60.6	5.61	35.1	56.8	5.07	35.4
		324	70.3	6.55	37.2	67.4	6.35	37.3	64.1	6.08	37.4	60.5	5.60	37.6	56.9	5.06	37.7
		486	70.3	6.43	38.1	67.4	6.23	38.2	64.1	5.96	38.3	60.6	5.51	38.4	56.8	4.97	38.5
	45	162	70.3	5.56	39.3	67.4	5.40	39.5	64.1	5.16	39.8	60.6	4.77	40.1	56.9	4.30	40.3
		324	70.3	5.55	42.1	67.4	5.39	42.3	64.1	5.16	42.4	60.6	4.76	42.5	56.9	4.30	42.7
		486	70.3	5.46	43.1	67.4	5.30	43.2	64.1	5.06	43.3	60.6	4.67	43.3	56.8	4.22	43.4
50	10	162	53.3	11.30	6.3	50.9	10.98	6.5	48.4	10.50	6.6	45.9	9.68	6.8	43.1	8.75	7.0
		324	53.5	11.20	8.1	51.2	10.86	8.2	48.8	10.39	8.3	46.1	9.59	8.4	43.3	8.66	8.5
		486	56.7	11.15	8.7	54.2	10.81	8.7	51.5	10.34	8.8	48.8	9.55	8.8	45.9	8.61	8.9
	15	162	58.7	9.87	10.7	56.1	9.60	10.9	53.5	9.17	11.1	50.6	8.46	11.3	47.6	7.65	11.5
		324	58.7	9.78	12.8	56.1	9.48	12.9	53.5	9.08	13.0	50.6	8.39	13.1	47.6	7.57	13.2
		486	58.6	9.74	13.6	56.1	9.45	13.6	53.5	9.04	13.7	50.6	8.34	13.8	47.6	7.53	13.8
	20	162	58.7	8.70	15.6	56.0	8.43	15.8	53.5	8.07	16.0	50.6	7.45	16.2	47.6	6.74	16.4
		324	58.7	8.61	17.8	56.1	8.36	17.9	53.5	8.00	18.0	50.5	7.37	18.1	47.6	6.67	18.2
		486	58.7	8.57	18.5	56.1	8.32	18.6	53.5	7.96	18.7	50.5	7.33	18.7	47.6	6.63	18.8
	25	162	58.6	7.42	20.5	56.1	7.20	20.7	53.5	6.89	20.9	50.5	6.35	21.1	47.6	5.73	21.3
		324	58.6	7.25	22.7	56.0	7.04	22.8	53.5	6.73	22.9	50.6	6.21	23.0	47.6	5.61	23.1
		486	58.7	7.28	23.5	56.0	7.06	23.6	53.5	6.76	23.6	50.6	6.23	23.7	47.6	5.63	23.8
	30	162	58.6	6.23	25.4	56.0	6.06	25.6	53.5	5.79	25.8	50.5	5.34	26.0	47.6	4.83	26.2
		324	58.7	6.10	27.7	56.1	5.92	27.8	53.5	5.66	27.9	50.6	5.23	28.0	47.6	4.73	28.1
		486	58.7	6.07	28.4	56.0	5.89	28.5	53.5	5.63	28.6	50.5	5.19	28.7	47.6	4.70	28.7
	35	162	58.6	5.65	30.3	56.0	5.49	30.5	53.5	5.25	30.7	50.6	4.85	31.0	47.6	4.38	31.2
		324	58.6	5.54	32.7	56.1	5.38	32.8	53.5	5.15	32.9	50.5	4.75	33.0	47.6	4.28	33.1
		486	58.7	5.46	33.4	56.0	5.30	33.5	53.5	5.07	33.6	50.6	4.68	33.6	47.6	4.23	33.7
	40	162	58.7	5.09	35.3	56.0	4.94	35.5	53.5	4.72	35.7	50.5	4.36	35.9	47.6	3.94	36.1
		324	58.7	4.98	37.6	56.0	4.84	37.7	53.5	4.63	37.8	50.6	4.28	38.0	47.6	3.86	38.1
		486	58.7	4.91	38.4	56.1	4.77	38.5	53.5	4.56	38.6	50.5	4.21	38.6	47.6	3.81	38.7
	45	162	58.7	4.32	40.2	56.1	4.19	40.4	53.5	4.01	40.6	50.5	3.70	40.9	47.6	3.34	41.1
		324	58.7	4.23	42.6	56.0	4.11	42.7	53.5	3.93	42.8	50.6	3.62	42.9	47.6	3.28	43.0
		486	58.6	4.17	43.4	56.1	4.05	43.5	53.5	3.87	43.5	50.6	3.57	43.6	47.6	3.23	43.7

1-14. AM360FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	175	100.8	7.00	18.8	111.0	8.32	19.8	119.3	9.13	20.5	127.7	9.69	21.2	131.2	9.80	21.5
		350	100.8	6.84	14.4	111.0	8.07	14.9	119.4	8.99	15.3	127.8	9.47	15.6	131.3	9.65	15.8
		525	100.9	6.75	12.9	110.9	7.95	13.2	119.5	8.73	13.5	127.7	9.18	13.7	131.4	9.42	13.8
	15	175	99.0	9.01	23.8	109.2	10.71	24.8	117.7	11.89	25.6	125.6	12.46	26.3	129.0	12.73	26.6
		350	99.1	8.88	19.4	109.2	10.46	19.9	117.6	11.67	20.3	125.6	12.27	20.6	129.2	12.53	20.8
		525	99.0	8.65	17.9	109.1	10.21	18.3	117.7	11.31	18.5	125.5	11.86	18.8	129.1	12.24	18.9
	20	175	97.8	10.76	28.9	107.8	12.62	29.9	116.2	14.05	30.7	123.6	14.76	31.3	127.4	15.05	31.7
		350	97.6	10.54	24.4	107.8	12.39	24.9	116.3	13.83	25.3	123.8	14.58	25.7	127.4	14.87	25.8
		525	97.6	10.19	22.9	107.7	12.02	23.3	116.2	13.45	23.5	123.7	14.03	23.8	127.3	14.46	23.9
	25	175	97.7	13.51	34.1	107.7	15.91	35.1	116.1	17.71	36.0	123.7	18.61	36.7	127.5	18.94	37.0
		350	97.7	13.30	29.5	107.8	15.67	30.1	116.3	17.40	30.5	123.8	18.37	30.8	127.5	18.65	31.0
		525	97.7	12.86	28.0	107.7	15.17	28.4	116.3	16.93	28.6	123.8	17.75	28.9	127.4	18.23	29.0
	30	175	97.7	15.84	39.3	107.7	18.64	40.3	116.2	20.78	41.2	123.8	21.79	41.9	127.4	22.22	42.3
		350	97.7	15.58	34.6	107.8	18.36	35.2	116.2	20.48	35.6	123.8	21.48	35.9	127.4	21.91	36.1
		525	97.8	15.10	33.1	107.7	17.75	33.4	116.3	19.79	33.7	123.9	20.78	34.0	127.5	21.32	34.1
	35	175	92.3	16.48	43.9	102.0	19.42	44.9	109.8	21.68	45.8	117.4	22.70	46.5	120.3	23.10	46.7
		350	92.4	16.16	39.4	102.0	19.07	40.0	109.9	21.24	40.4	117.6	22.39	40.7	120.3	22.86	40.9
		525	92.3	15.76	37.9	102.1	18.50	38.3	109.9	20.59	38.6	117.5	21.65	38.8	120.5	22.19	38.9
	40	175	77.2	17.17	47.7	85.1	20.22	48.6	91.6	22.54	49.3	98.1	23.67	50.0	100.8	24.12	50.2
		350	77.8	16.89	43.9	85.8	19.88	44.3	92.5	22.14	44.7	98.7	23.28	45.0	101.5	23.79	45.1
		525	79.0	16.36	42.6	86.9	19.19	42.9	93.6	21.51	43.1	100.3	22.55	43.4	103.2	23.21	43.4
	45	175	64.4	17.75	51.7	70.6	20.86	52.5	75.8	23.30	53.1	81.3	24.39	53.7	83.7	24.93	53.9
		350	65.0	17.47	48.4	71.1	20.56	48.8	76.6	22.87	49.1	82.0	24.11	49.3	84.2	24.58	49.5
		525	65.9	16.89	47.3	72.3	19.85	47.5	77.7	22.20	47.7	83.2	23.27	47.9	85.4	23.99	48.0
120	10	175	95.5	6.65	18.4	105.2	7.88	19.3	113.3	8.67	20.0	121.0	9.15	20.7	124.2	9.27	20.9
		350	95.6	6.55	14.2	105.2	7.73	14.6	113.5	8.51	15.0	120.9	8.96	15.3	124.2	9.14	15.5
		525	95.7	6.26	12.8	105.3	7.54	13.1	113.4	8.25	13.3	120.9	8.71	13.5	124.3	9.01	13.6
	15	175	94.5	8.63	23.4	103.7	10.20	24.3	112.0	11.40	25.1	119.6	11.92	25.8	122.9	12.13	26.1
		350	94.5	8.51	19.2	103.7	10.00	19.7	111.9	11.19	20.0	119.4	11.71	20.4	122.7	11.95	20.5
		525	94.4	8.23	17.8	103.8	9.77	18.1	112.0	10.80	18.4	119.5	11.35	18.6	122.8	11.71	18.7
	20	175	93.5	10.35	28.5	102.7	12.13	29.4	110.9	13.49	30.2	118.5	14.20	30.9	121.7	14.48	31.2
		350	93.4	10.12	24.2	102.6	11.91	24.7	110.8	13.32	25.1	118.6	13.99	25.4	121.7	14.23	25.6
		525	93.4	9.83	22.8	102.7	11.59	23.1	110.9	12.91	23.4	118.4	13.50	23.6	121.7	13.87	23.7
	25	175	93.5	12.98	33.7	102.6	15.24	34.6	110.9	16.94	35.5	118.3	17.83	36.2	121.6	18.17	36.4
		350	93.5	12.72	29.4	102.8	15.05	29.8	110.8	16.69	30.2	118.3	17.56	30.6	121.6	17.88	30.7
		525	93.4	12.31	27.9	102.8	14.52	28.2	110.9	16.24	28.5	118.4	17.01	28.7	121.6	17.41	28.8
	30	175	93.4	15.31	38.9	102.6	18.00	39.9	110.9	20.05	40.7	118.5	21.05	41.4	121.7	21.44	41.7
		350	93.3	15.05	34.4	102.8	17.68	34.9	110.9	19.79	35.4	118.4	20.70	35.7	121.6	21.13	35.8
		525	93.3	14.55	32.9	102.8	17.15	33.3	111.0	19.11	33.6	118.4	20.11	33.8	121.7	20.57	33.9
	35	175	89.8	16.12	43.7	98.9	19.03	44.7	106.9	21.23	45.5	113.6	22.22	46.1	117.0	22.64	46.4
		350	89.7	15.84	39.3	99.0	18.67	39.8	106.9	20.79	40.2	113.8	21.90	40.6	117.0	22.34	40.7
		525	89.6	15.39	37.9	99.0	18.14	38.2	106.8	20.14	38.5	113.7	21.14	38.7	116.9	21.71	38.8
	40	175	76.4	17.12	47.7	84.4	20.19	48.6	90.9	22.48	49.3	96.8	23.63	49.9	99.8	24.11	50.1
		350	77.1	16.86	43.8	84.9	19.85	44.3	91.7	22.11	44.7	97.7	23.24	45.0	100.5	23.71	45.1
		525	78.2	16.31	42.6	86.1	19.25	42.9	92.9	21.48	43.1	99.1	22.54	43.3	102.1	23.11	43.4
	45	175	65.0	18.00	51.8	71.9	21.19	52.6	77.5	23.69	53.3	82.7	24.77	53.8	84.9	25.35	54.0
		350	65.6	17.75	48.4	72.5	20.86	48.8	78.4	23.24	49.2	83.4	24.46	49.4	85.7	24.94	49.5
		525	66.5	17.12	47.3	73.5	20.26	47.6	79.4	22.55	47.8	84.5	23.72	48.0	86.8	24.24	48.0
110	10	175	90.1	6.22	17.9	99.0	7.46	18.7	106.9	8.17	19.4	114.0	8.66	20.0	116.9	8.75	20.3
		350	90.2	6.13	13.9	99.0	7.24	14.4	106.9	8.02	14.7	114.0	8.51	15.0	117.1	8.58	15.1
		525	90.2	5.95	12.6	99.0	7.04	12.9	107.0	7.87	13.1	114.0	8.21	13.3	117.0	8.44	13.4
	15	175	89.4	8.22	23.0	98.4	9.74	23.9	106.2	10.87	24.6	113.6	11.37	25.2	116.6	11.61	25.5
		350	89.4	8.11	19.0	98.3	9.54	19.4	106.3	10.66	19.8	113.5	11.21	20.1	116.7	11.39	20.2
		525	89.5	7.87	17.7	98.4	9.27	17.9	106.2	10.37	18.2	113.5	10.84	18.4	116.7	11.11	18.5
	20	175	89.1	9.94	28.1	98.1	11.64	29.0	105.8	12.98	29.7	112.6	13.61	30.3	115.9	13.87	30.6
		350	89.0	9.73	24.0	98.0	11.43	24.5	105.9	12.76	24.9	112.7	13.40	25.2	115.8	13.67	25.3
		525	89.0	9.44	22.7	97.9	11.11	23.0	105.8	12.40	23.2	112.8	12.98	23.4	116.0	13.26	23.5
	25	175	89.1	12.44	33.3	98.0	14.59	34.2	105.8	16.24	35.0	112.7	17.02	35.6	116.0	17.35	35.9
		350	89.0	12.22	29.1	97.9	14.37	29.6	105.9	15.97	30.0	112.7	16.77	30.3	115.9	17.06	30.4
		525	89.2	11.79	27.8	97.9	13.88	28.1	105.9	15.52	28.3	112.8	16.28	28.5	116.0	16.59	28.6
	30	175	89.1	14.76	38.5	98.0	17.37	39.4	105.9	19.34	40.3	112.6	20.32	40.9	116.0	20.67	41.2
		350	89.0	14.52	34.2	98.0	17.06	34.7	105.9	19.05	35.1	112.6	19.98	35.4	116.0	20.33	35.6
		525	89.0	14.04	32.8	97.9	16.55	33.1	105.8	18.45	33.4	112.7	19.35	33.6	115.9	19.79	33.7
	35	175	87.0	15.78	43.4	96.4	18.62	44.4	103.6	20.76	45.2	110.7	21.73	45.9	113.6	22.12	46.1
		350	87.1	15.50	39.2	96.2	18.25	39.7	103.4	20.36	40.1	110.6	21.39	40.4	113.6	21.83	40.5
		525	87.0	15.05	37.8	96.2	17.70	38.1	103.5	19.68	38.4	110.7	20.70	38.6	113.5	21.16	38.7
	40	175	75.8	17.14	47.6	83.6	20.19	48.5	89.8	22.48	49.2	96.3	23.58	49.8	99.2	24.07	50.1
		350	76.4	16.81	43.8	84.3	19.82	44.3	90.7	22.12	44.6	97.0	23.16	44.9	99.8	23.67	45.1
		525	77.6	16.30	42.6	85.3	19.20	42.9	91.7	21.45	43.1	98.4	22.50	43.3	101.2	22.99	43.4
	45	175	66.3	18.38	51.9	73.0	21.56	52.7	78.5	24.09	53.4	84.3	25.18	54.0	86.6	25.75	54.2
		350	66.9	17.98	48.5	73.6	21.22	48.9	79.4	23.62	49.2	85.0	24.90	49.5	87.3	25.30	49.6
		525	67.8	17.39	47.3	74.7	20.59	47.6	80.4	22.90	47.8	86.3	24.10	48.0	88.6	24.56	48.1

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	175	84.7	5.92	17.4	93.6	6.96	18.2	100.8	7.77	18.9	107.7	8.15	19.5	110.6	8.31	19.7
		350	84.8	5.81	13.7	93.6	6.85	14.1	100.8	7.63	14.4	107.7	8.01	14.7	110.6	8.16	14.9
		525	84.8	5.64	12.5	93.6	6.64	12.7	100.8	7.41	13.0	107.7	7.76	13.2	110.6	7.90	13.2
	15	175	84.7	7.89	22.6	93.6	9.31	23.4	100.8	10.37	24.1	107.7	10.88	24.7	110.6	11.08	25.0
		350	84.8	7.76	18.8	93.6	9.15	19.2	100.8	10.19	19.5	107.7	10.68	19.8	110.6	10.88	20.0
		525	84.8	7.53	17.5	93.6	8.86	17.8	100.8	9.88	18.0	107.7	10.35	18.2	110.6	10.56	18.3
	20	175	84.8	9.52	27.7	93.6	11.23	28.6	100.8	12.48	29.3	107.7	13.11	29.9	110.6	13.35	30.2
		350	84.7	9.36	23.9	93.6	11.03	24.3	100.8	12.26	24.6	107.7	12.87	24.9	110.6	13.13	25.1
		525	84.7	9.07	22.6	93.6	10.67	22.8	100.8	11.90	23.1	107.7	12.49	23.3	110.6	12.72	23.4
	25	175	84.7	11.87	32.9	93.6	13.96	33.8	100.8	15.56	34.5	107.7	16.33	35.2	110.6	16.64	35.4
		350	84.7	11.66	28.9	93.6	13.74	29.4	100.8	15.28	29.8	107.7	16.06	30.1	110.6	16.35	30.2
		525	84.8	11.31	27.6	93.6	13.30	27.9	100.8	14.85	28.2	107.7	15.56	28.4	110.6	15.84	28.5
	30	175	84.7	14.26	38.1	93.6	16.79	39.0	100.8	18.70	39.8	107.7	19.62	40.4	110.6	20.01	40.7
		350	84.7	14.01	34.0	93.6	16.51	34.5	100.8	18.45	34.9	107.7	19.27	35.2	110.6	19.64	35.3
		525	84.7	13.60	32.7	93.6	16.00	33.0	100.8	17.83	33.2	107.7	18.69	33.5	110.6	19.05	33.5
	35	175	84.7	15.49	43.2	93.6	18.24	44.2	100.8	20.34	44.9	107.7	21.33	45.6	110.6	21.72	45.8
		350	84.8	15.21	39.1	93.6	17.91	39.6	100.8	19.96	39.9	107.7	20.97	40.3	110.6	21.37	40.4
		525	84.7	14.76	37.7	93.6	17.37	38.0	100.8	19.35	38.3	107.7	20.30	38.5	110.6	20.68	38.6
	40	175	75.3	17.17	47.6	83.2	20.22	48.5	89.4	22.52	49.2	95.8	23.64	49.8	98.4	24.08	50.0
		350	75.9	16.88	43.8	83.9	19.86	44.2	90.2	22.15	44.6	96.6	23.22	44.9	99.1	23.66	45.0
		525	77.1	16.35	42.6	85.0	19.24	42.8	91.4	21.47	43.1	98.1	22.52	43.3	100.6	22.93	43.4
	45	175	67.6	18.70	52.1	74.6	21.97	52.9	80.1	24.52	53.6	86.0	25.69	54.1	88.3	26.21	54.4
		350	68.2	18.37	48.5	75.2	21.64	49.0	81.0	24.09	49.3	86.8	25.30	49.6	89.0	25.74	49.7
		525	69.1	17.81	47.4	76.3	20.98	47.7	82.1	23.35	47.9	88.0	24.51	48.1	90.2	24.95	48.1
90	10	175	76.2	5.60	16.7	84.0	6.60	17.4	90.5	7.35	18.0	97.1	7.71	18.6	99.5	7.85	18.8
		350	76.2	5.49	13.3	84.1	6.47	13.7	90.4	7.20	14.0	97.1	7.55	14.3	99.5	7.71	14.4
		525	76.2	5.35	12.2	84.1	6.31	12.5	90.5	7.02	12.7	97.1	7.37	12.9	99.5	7.51	12.9
	15	175	76.2	7.48	21.9	84.1	8.81	22.6	90.5	9.80	23.2	97.1	10.28	23.8	99.5	10.49	24.0
		350	76.2	7.34	18.4	84.0	8.64	18.8	90.5	9.62	19.1	97.1	10.08	19.4	99.5	10.29	19.5
		525	76.2	7.14	17.3	84.1	8.43	17.5	90.4	9.39	17.7	97.1	9.84	17.9	99.5	10.01	18.0
	20	175	76.2	9.01	27.0	84.1	10.62	27.8	90.5	11.81	28.4	97.1	12.41	29.0	99.4	12.62	29.2
		350	76.2	8.84	23.5	84.1	10.41	23.9	90.5	11.58	24.2	97.1	12.15	24.5	99.5	12.38	24.6
		525	76.2	8.61	22.3	84.1	10.14	22.6	90.5	11.30	22.8	97.1	11.85	23.0	99.5	12.08	23.0
	25	175	76.2	11.28	32.2	84.1	13.28	33.0	90.5	14.79	33.6	97.1	15.52	34.2	99.5	15.80	34.4
		350	76.2	11.08	28.6	84.1	13.04	29.0	90.5	14.51	29.3	97.1	15.25	29.6	99.5	15.51	29.7
		525	76.2	10.69	27.4	84.1	12.60	27.6	90.5	14.02	27.9	97.1	14.70	28.1	99.5	14.98	28.1
	30	175	76.2	13.50	37.3	84.1	15.91	38.2	90.5	17.73	38.9	97.1	18.60	39.5	99.6	18.94	39.7
		350	76.2	13.27	33.7	84.0	15.62	34.1	90.5	17.39	34.4	97.1	18.27	34.7	99.5	18.59	34.8
		525	76.2	12.91	32.4	84.1	15.22	32.7	90.4	16.97	32.9	97.1	17.79	33.1	99.5	18.13	33.2
	35	175	76.2	14.66	42.4	84.1	17.27	43.3	90.5	19.22	44.0	97.1	20.17	44.6	99.5	20.58	44.8
		350	76.2	14.39	38.7	84.1	16.94	39.1	90.5	18.88	39.5	97.1	19.82	39.8	99.5	20.18	39.9
		525	76.2	14.03	37.5	84.1	16.50	37.7	90.4	18.40	38.0	97.1	19.30	38.2	99.5	19.67	38.3
	40	175	67.8	16.23	46.9	74.9	19.14	47.7	80.3	21.30	48.3	86.2	22.34	48.9	88.5	22.77	49.1
		350	68.4	15.96	43.5	75.5	18.79	43.9	81.1	20.95	44.2	87.1	21.94	44.5	89.1	22.36	44.6
		525	69.3	15.54	42.3	76.5	18.31	42.6	82.3	20.37	42.8	88.2	21.41	43.0	90.5	21.78	43.1
	45	175	60.8	17.67	51.4	67.1	20.85	52.2	72.2	23.20	52.8	77.5	24.35	53.3	79.4	24.79	53.5
		350	61.3	17.36	48.2	67.8	20.46	48.6	72.8	22.78	48.9	78.1	23.87	49.2	80.0	24.33	49.3
		525	76.2	5.62	47.2	68.7	19.92	47.4	73.8	22.20	47.6	79.3	23.29	47.8	81.2	23.72	47.9
80	10	175	67.9	4.89	16.0	74.8	5.85	16.6	80.5	6.53	17.1	86.2	6.86	17.6	88.5	6.98	17.8
		350	67.9	4.75	13.0	74.8	5.77	13.3	80.5	6.43	13.6	86.2	6.74	13.8	88.5	6.87	13.9
		525	67.9	6.70	12.0	74.8	5.64	12.2	80.5	6.28	12.4	86.2	6.59	12.5	88.5	6.72	12.6
	15	175	67.9	6.53	21.1	74.8	7.83	21.8	80.5	8.72	22.3	86.2	9.14	22.8	88.5	9.31	23.0
		350	67.9	6.34	18.0	74.9	7.70	18.4	80.5	8.57	18.6	86.2	8.99	18.9	88.5	9.16	19.0
		525	67.9	8.08	17.1	74.8	7.52	17.2	80.5	8.37	17.4	86.2	8.79	17.6	88.5	8.96	17.7
	20	175	67.9	7.88	26.2	74.8	9.43	26.9	80.5	10.51	27.5	86.2	11.02	28.0	88.5	11.22	28.2
		350	67.9	7.63	23.1	74.8	9.27	23.4	80.5	10.34	23.7	86.2	10.83	24.0	88.5	11.05	24.1
		525	67.9	10.07	22.1	74.9	9.05	22.3	80.5	10.09	22.5	86.2	10.60	22.6	88.5	10.79	22.7
	25	175	67.9	9.91	31.4	74.8	11.88	32.1	80.5	13.23	32.7	86.2	13.89	33.2	88.5	14.14	33.4
		350	67.9	9.57	28.2	74.9	11.62	28.5	80.5	12.93	28.8	86.2	13.57	29.1	88.5	13.84	29.2
		525	67.9	12.04	27.2	74.8	11.25	27.3	80.5	12.54	27.5	86.2	13.14	27.7	88.5	13.38	27.8
	30	175	67.9	11.80	36.5	74.9	14.14	37.3	80.5	15.76	37.9	86.2	16.52	38.4	88.5	16.82	38.6
		350	67.9	11.49	33.3	74.9	13.97	33.6	80.5	15.56	33.9	86.2	16.32	34.2	88.5	16.63	34.3
		525	67.9	13.12	32.2	74.8	13.54	32.4	80.5	15.09	32.6	86.2	15.82	32.8	88.5	16.12	32.9
	35	175	67.9	12.89	41.6	74.9	15.43	42.4	80.5	17.20	43.0	86.2	18.01	43.5	88.5	18.36	43.8
		350	67.9	12.53	38.3	74.9	15.24	38.7	80.5	16.96	39.0	86.2	17.80	39.3	88.5	18.15	39.4
		525	60.3	14.47	37.0	74.8	14.65	37.4	80.5	16.34	37.6	86.2	17.15	37.8	88.5	17.46	37.9
	40	175	60.7	14.27	46.1	66.5	17.11	46.8	71.4	19.03	47.4	76.7	19.98	47.9	78.6	20.35	48.1
		350	61.5	13.89	43.1	67.0	16.89	43.4	72.1	18.81	43.7	77.2	19.74	44.0	79.4	20.09	44.1
		525	54.1	15.75	41.9	67.9	16.25	42.3	73.2	18.10	42.5	78.5	18.97	42.7	80.4	19.36	42.7
	45	175	54.6	15.52	50.7	59.7	18.59	51.4	64.1	20.72	51.9	68.8	21.73	52.4	70.6	22.18	52.6
		350	55.3	15.12	47.9	60.2	18.38	48.2	64.7	20.45	48.5	69.4	21.47	48.7	71.3	21.88	48.8
		525	61.0	4.73	46.8	61.0	17.69	47.1	65.7	19.71	47.3	70.5	20.67	47.5	72.3	21.06	47.5

1-14. AM360FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	175	59.4	4.13	15.2	65.6	4.86	15.8	70.4	5.41	16.2	75.5	5.68	16.6	77.3	5.79	16.8
		350	59.4	4.08	12.6	65.6	4.80	12.9	70.4	5.35	13.1	75.5	5.61	13.3	77.3	5.72	13.4
		525	59.4	3.93	11.7	65.6	4.63	11.9	70.3	5.15	12.1	75.5	5.41	12.2	77.3	5.51	12.3
	15	175	59.3	5.51	20.3	65.6	6.48	20.9	70.3	7.23	21.4	75.5	7.59	21.8	77.4	7.72	22.0
		350	59.4	5.45	17.7	65.6	6.41	17.9	70.3	7.14	18.2	75.5	7.49	18.4	77.4	7.64	18.5
		525	59.3	5.24	16.8	65.6	6.18	17.0	70.4	6.88	17.1	75.5	7.23	17.3	77.4	7.35	17.3
	20	175	59.4	6.64	25.4	65.6	7.81	26.0	70.3	8.71	26.5	75.5	9.14	26.9	77.4	9.30	27.1
		350	59.3	6.56	22.7	65.6	7.73	23.0	70.4	8.61	23.2	75.5	9.02	23.5	77.3	9.20	23.5
		525	59.3	6.32	21.8	65.6	7.44	22.0	70.4	8.30	22.1	75.5	8.69	22.3	77.4	8.87	22.4
	25	175	59.4	8.30	30.5	65.6	9.77	31.2	70.3	10.89	31.7	75.5	11.43	32.1	77.4	11.64	32.3
		350	59.4	8.18	27.8	65.6	9.62	28.1	70.3	10.72	28.3	75.5	11.25	28.6	77.4	11.45	28.6
		525	59.3	7.91	26.8	65.6	9.31	27.0	70.4	10.38	27.2	75.5	10.90	27.4	77.4	11.10	27.4
	30	175	59.3	9.97	35.7	65.6	11.74	36.3	70.3	13.09	36.8	75.5	13.72	37.3	77.3	13.99	37.5
		350	59.3	9.82	32.8	65.6	11.56	33.2	70.3	12.87	33.4	75.5	13.50	33.6	77.4	13.75	33.7
		525	59.3	9.53	31.9	65.6	11.22	32.1	70.4	12.50	32.3	75.5	13.11	32.4	77.4	13.37	32.5
	35	175	59.3	10.92	40.8	65.6	12.86	41.4	70.3	14.34	41.9	75.5	15.02	42.4	77.4	15.31	42.6
		350	59.3	10.63	37.9	65.6	12.53	38.2	70.3	13.96	38.5	75.5	14.63	38.7	77.4	14.92	38.8
		525	59.3	10.36	36.9	65.6	12.19	37.1	70.4	13.60	37.3	75.5	14.25	37.5	77.3	14.53	37.5
	40	175	52.7	12.09	45.3	58.2	14.25	45.9	62.5	15.89	46.4	67.1	16.64	46.9	68.8	16.97	47.0
		350	53.1	11.80	42.7	58.7	13.88	43.0	63.1	15.46	43.2	67.7	16.22	43.4	69.4	16.54	43.5
		525	53.9	11.48	41.8	59.6	13.53	42.0	64.0	15.07	42.2	68.6	15.80	42.3	70.4	16.10	42.4
	45	175	47.3	13.17	50.0	52.3	15.51	50.6	56.1	17.26	51.0	60.3	18.13	51.4	61.8	18.46	51.6
		350	47.7	12.83	47.5	52.7	15.11	47.8	56.6	16.83	48.0	60.8	17.67	48.2	62.3	17.99	48.3
		525	48.4	12.51	46.7	53.5	14.73	46.9	57.5	16.39	47.0	61.6	17.20	47.2	63.2	17.51	47.2
60	10	175	50.9	3.41	14.4	56.1	4.01	14.9	60.3	4.47	15.3	64.7	4.69	15.7	66.4	4.78	15.8
		350	50.9	3.32	12.2	56.2	3.90	12.5	60.3	4.35	12.6	64.7	4.57	12.8	66.4	4.65	12.9
		525	50.9	3.25	11.5	56.2	3.83	11.6	60.2	4.26	11.8	64.7	4.46	11.9	66.4	4.55	11.9
	15	175	50.9	4.55	19.5	56.1	5.36	20.0	60.3	5.97	20.4	64.7	6.26	20.8	66.4	6.38	21.0
		350	50.9	4.43	17.3	56.1	5.22	17.5	60.3	5.81	17.7	64.8	6.09	17.9	66.3	6.21	18.0
		525	50.9	4.33	16.5	56.1	5.11	16.7	60.3	5.68	16.8	64.8	5.96	16.9	66.4	6.08	17.0
	20	175	50.9	5.48	24.6	56.2	6.45	25.1	60.3	7.19	25.5	64.7	7.54	25.9	66.4	7.69	26.1
		350	50.8	5.34	22.3	56.1	6.28	22.6	60.3	6.99	22.8	64.7	7.34	23.0	66.4	7.48	23.0
		525	50.9	5.22	21.5	56.1	6.16	21.7	60.3	6.85	21.8	64.7	7.19	22.0	66.4	7.32	22.0
	25	175	50.9	6.82	29.7	56.1	8.03	30.3	60.3	8.96	30.7	64.8	9.38	31.1	66.3	9.56	31.2
		350	50.8	6.68	27.4	56.1	7.87	27.6	60.3	8.76	27.8	64.7	9.19	28.0	66.4	9.37	28.1
		525	50.9	6.48	26.6	56.1	7.63	26.7	60.3	8.49	26.9	64.7	8.90	27.0	66.3	9.06	27.1
	30	175	50.9	8.15	34.8	56.1	9.58	35.4	60.3	10.70	35.8	64.8	11.20	36.2	66.4	11.43	36.4
		350	50.9	7.98	32.4	56.1	9.39	32.7	60.3	10.48	32.9	64.8	10.97	33.1	66.4	11.20	33.2
		525	50.9	7.79	31.6	56.1	9.15	31.8	60.2	10.20	31.9	64.7	10.70	32.1	66.3	10.90	32.1
	35	175	50.9	8.84	39.9	56.1	10.41	40.5	60.3	11.60	40.9	64.8	12.16	41.3	66.4	12.40	41.5
		350	50.9	8.76	37.4	56.1	10.32	37.7	60.2	11.50	37.9	64.8	12.07	38.1	66.4	12.28	38.2
		525	50.9	8.48	36.6	56.1	10.00	36.8	60.3	11.13	36.9	64.8	11.69	37.1	66.4	11.89	37.1
	40	175	45.2	9.80	44.5	49.8	11.53	45.0	53.5	12.84	45.4	57.5	13.48	45.8	59.0	13.73	46.0
		350	45.6	9.70	42.3	50.3	11.42	42.5	54.1	12.73	42.7	58.0	13.35	42.9	59.5	13.61	43.0
		525	46.2	9.40	41.5	51.0	11.06	41.7	54.8	12.33	41.8	58.9	12.93	42.0	60.3	13.17	42.0
	45	175	40.5	10.66	49.2	44.8	12.55	49.7	48.1	13.98	50.1	51.6	14.68	50.4	52.9	14.93	50.6
		350	41.0	10.57	47.1	45.2	12.43	47.4	48.5	13.86	47.6	52.0	14.54	47.7	53.4	14.82	47.8
		525	41.5	10.22	46.4	45.8	12.05	46.6	49.2	13.43	46.7	52.8	14.06	46.8	54.1	14.34	46.9
50	10	175	42.3	2.60	13.7	46.8	3.06	14.1	50.2	3.41	14.4	53.9	3.58	14.7	55.3	3.64	14.8
		350	42.3	2.55	11.8	46.8	3.01	12.0	50.2	3.36	12.2	54.0	3.52	12.4	55.3	3.58	12.4
		525	42.3	2.51	11.2	46.8	2.95	11.4	50.2	3.29	11.5	54.0	3.45	11.6	55.2	3.52	11.6
	15	175	42.3	3.47	18.7	46.8	4.09	19.2	50.2	4.55	19.5	54.0	4.78	19.8	55.3	4.87	19.9
		350	42.3	3.41	16.9	46.7	4.02	17.1	50.2	4.48	17.2	53.9	4.70	17.4	55.2	4.78	17.5
		525	42.3	3.35	16.2	46.8	3.94	16.4	50.2	4.39	16.5	53.9	4.61	16.6	55.3	4.69	16.6
	20	175	42.3	4.18	23.8	46.8	4.92	24.2	50.2	5.49	24.6	53.9	5.75	24.9	55.2	5.86	25.0
		350	42.3	4.11	21.9	46.8	4.84	22.1	50.2	5.39	22.3	54.0	5.66	22.4	55.2	5.77	22.5
		525	42.3	4.03	21.3	46.8	4.75	21.4	50.2	5.29	21.5	53.9	5.55	21.6	55.2	5.66	21.7
	25	175	42.3	5.24	28.9	46.8	6.17	29.3	50.2	6.88	29.7	53.9	7.22	30.0	55.2	7.35	30.1
		350	42.3	5.09	26.9	46.7	5.99	27.2	50.2	6.67	27.3	54.0	7.00	27.5	55.3	7.13	27.6
		525	42.3	5.04	26.3	46.8	5.92	26.4	50.2	6.61	26.6	53.9	6.92	26.7	55.2	7.06	26.7
	30	175	42.3	6.32	34.0	46.8	7.45	34.4	50.2	8.30	34.8	53.9	8.70	35.1	55.3	8.86	35.3
		350	42.3	6.15	32.0	46.8	7.23	32.2	50.2	8.05	32.4	54.0	8.46	32.6	55.3	8.61	32.6
		525	42.3	6.02	31.3	46.8	7.10	31.5	50.2	7.91	31.6	54.0	8.30	31.7	55.3	8.45	31.7
	35	175	42.3	6.86	39.0	46.7	8.07	39.5	50.2	9.00	39.8	53.9	9.44	40.2	55.3	9.62	40.3
		350	42.3	6.68	37.0	46.8	7.86	37.2	50.2	8.75	37.4	53.9	9.18	37.6	55.3	9.35	37.6
		525	42.3	6.49	36.3	46.8	7.65	36.5	50.3	8.52	36.6	54.0	8.92	36.7	55.2	9.10	36.8
	40	175	37.6	7.60	43.7	41.6	8.94	44.1	44.7	9.97	44.5	47.9	10.47	44.8	49.2	10.65	44.9
		350	38.0	7.40	41.9	41.9	8.71	42.1	45.0	9.71	42.2	48.3	10.18	42.4	49.5	10.37	42.5
		525	38.5	7.19	41.2	42.5	8.46	41.4	45.7	9.44	41.5	49.0	9.90	41.6	50.2	10.08	41.6
	45	175	33.8	8.28	48.4	37.3	9.75	48.9	40.1	10.86	49.2	43.0	11.38	49.5	44.1	11.60	49.6
		350	34.1	8.05	46.7	37.6	9.47	46.9	40.5	10.57	47.1	43.4	11.08	47.2	44.5	11.30	47.3
		525	34.6	7.82	46.2	38.2	9.21	46.3	41.0	10.28	46.4	44.0	10.77	46.5	45.2	10.98	46.5

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	175	129.1	26.67	1.6	126.1	25.66	1.8	120.7	24.95	2.2	113.6	23.26	2.6	109.0	21.32	2.8
		350	131.6	25.71	5.7	128.2	25.26	5.8	123.1	24.60	6.0	116.0	22.81	6.2	111.1	20.99	6.3
		525	139.2	25.95	6.9	136.7	25.35	7.0	131.5	24.36	7.1	124.0	22.73	7.2	118.8	21.26	7.3
	15	175	142.2	23.63	5.3	138.7	22.56	5.5	133.2	21.82	5.9	125.0	20.34	6.4	119.8	18.66	6.7
		350	145.9	22.02	9.9	142.8	21.88	10.0	137.5	21.53	10.3	129.3	19.80	10.5	123.3	18.13	10.7
		525	145.1	22.98	11.7	143.6	22.58	11.7	140.1	21.57	11.8	131.2	19.92	12.0	125.8	19.10	12.1
	20	175	146.0	22.42	9.9	143.6	21.44	10.0	138.1	20.60	10.4	129.9	18.80	10.9	123.8	17.86	11.3
		350	148.8	21.15	14.8	147.6	21.14	14.8	142.5	20.44	15.0	134.1	19.25	15.3	128.4	18.44	15.5
		525	148.4	21.40	16.5	146.9	21.00	16.6	145.2	20.76	16.6	135.7	19.42	16.8	129.7	18.72	17.0
	25	175	151.3	20.83	14.3	147.0	20.50	14.6	144.2	20.03	14.8	136.3	18.89	15.4	131.0	17.89	15.7
		350	149.2	20.26	19.7	146.9	20.56	19.8	144.3	19.87	19.9	136.5	18.83	20.2	131.0	17.81	20.4
		525	147.8	20.13	21.5	147.1	19.66	21.5	144.3	19.69	21.6	136.6	18.65	21.8	131.2	17.05	21.9
	30	175	148.2	18.71	19.4	146.9	18.87	19.5	144.2	19.03	19.7	136.6	17.55	20.3	130.9	16.87	20.7
		350	148.2	18.27	24.7	147.0	18.94	24.8	144.3	18.64	24.9	136.5	17.54	25.1	131.1	16.06	25.3
		525	148.2	18.11	26.4	147.0	17.88	26.5	144.4	18.23	26.6	136.6	16.79	26.7	131.0	16.44	26.9
	35	175	148.3	17.58	24.3	147.1	18.17	24.4	144.2	18.84	24.7	136.5	17.16	25.2	131.0	15.86	25.6
		350	148.3	17.64	29.6	147.2	18.46	29.7	144.4	18.55	29.8	136.4	17.26	30.1	131.1	15.82	30.3
		525	148.5	17.35	31.4	146.9	17.81	31.5	144.3	18.11	31.6	136.5	16.48	31.7	131.0	15.14	31.8
	40	175	148.4	16.36	29.2	147.0	17.01	29.4	144.4	18.23	29.7	136.3	16.73	30.2	131.2	15.52	30.5
		350	148.3	16.41	34.6	146.9	17.25	34.7	144.4	17.68	34.8	136.5	16.53	35.1	131.1	15.24	35.3
		525	148.1	16.28	36.4	147.1	16.57	36.4	144.5	17.82	36.5	136.5	16.24	36.7	131.1	14.98	36.8
	45	175	148.3	14.43	34.0	147.0	15.15	34.2	144.2	16.95	34.6	136.3	15.60	35.1	131.1	14.53	35.5
		350	148.3	14.56	39.5	147.1	15.40	39.6	144.3	16.08	39.7	136.4	15.02	40.0	131.1	14.05	40.2
		525	148.3	14.63	41.4	147.0	14.57	41.4	144.3	16.84	41.5	136.5	15.20	41.7	131.0	14.29	41.8
120	10	175	123.1	26.44	2.1	120.1	25.55	2.3	114.8	24.81	2.6	108.1	22.92	3.0	103.2	21.00	3.3
		350	125.0	26.12	6.0	121.9	25.43	6.1	116.0	24.61	6.3	110.0	22.65	6.4	104.8	20.62	6.6
		525	132.2	25.66	7.1	127.9	25.02	7.2	123.9	24.34	7.3	117.1	22.51	7.4	111.7	20.55	7.5
	15	175	135.7	23.17	5.8	131.8	22.36	6.0	126.7	21.53	6.4	119.2	20.01	6.9	113.3	18.36	7.2
		350	137.6	22.75	10.3	135.1	22.27	10.4	129.6	21.50	10.6	122.0	19.80	10.8	115.8	17.89	11.0
		525	137.3	22.43	11.9	133.8	21.87	11.9	130.9	21.57	12.0	123.4	19.92	12.2	117.1	18.03	12.3
	20	175	138.0	21.47	10.5	135.2	20.61	10.6	129.8	19.69	11.0	122.4	18.22	11.5	116.0	17.32	11.9
		350	139.8	20.87	15.1	138.1	20.70	15.2	132.8	19.93	15.4	125.0	18.58	15.6	119.2	17.43	15.8
		525	139.2	20.83	16.8	135.8	20.33	16.8	134.5	20.06	16.9	126.5	18.78	17.1	120.1	17.74	17.2
	25	175	142.1	19.70	15.0	137.2	18.99	15.3	133.9	18.55	15.6	126.5	17.38	16.1	121.1	16.39	16.4
		350	140.5	19.13	20.0	137.4	19.05	20.2	133.7	18.66	20.3	126.4	17.27	20.5	121.2	16.34	20.7
		525	140.2	18.35	21.7	137.4	18.20	21.7	133.7	18.36	21.9	126.6	17.57	22.0	121.3	15.60	22.1
	30	175	140.1	17.31	19.9	137.2	17.43	20.2	133.7	17.34	20.5	126.3	15.76	20.9	121.1	15.09	21.3
		350	140.1	16.93	25.0	137.4	17.23	25.1	133.8	17.07	25.2	126.4	15.72	25.5	121.2	14.35	25.6
		525	140.0	16.33	26.6	137.3	16.34	26.7	133.9	16.61	26.8	126.5	15.46	27.0	121.2	14.70	27.1
	35	175	140.1	16.24	24.9	137.3	16.45	25.1	133.8	16.87	25.4	126.4	15.32	25.9	121.2	14.09	26.2
		350	140.0	15.89	29.9	137.2	16.43	30.1	133.9	16.27	30.2	126.6	15.03	30.4	121.2	13.76	30.6
		525	140.0	15.35	31.6	137.2	16.01	31.7	133.7	16.34	31.8	126.4	14.78	32.0	121.3	13.54	32.1
	40	175	140.1	15.07	29.8	137.3	15.15	30.0	133.7	15.94	30.4	126.5	14.54	30.8	121.2	13.42	31.2
		350	140.1	14.48	34.9	137.3	15.06	35.0	133.9	15.36	35.1	126.4	14.30	35.4	121.1	13.11	35.6
		525	140.2	14.46	36.6	137.4	14.50	36.6	133.8	15.50	36.8	126.5	14.05	36.9	121.3	12.90	37.0
	45	175	140.0	13.32	34.6	137.3	13.24	34.8	133.8	14.43	35.2	126.5	13.19	35.7	121.1	12.22	36.1
		350	140.2	12.49	39.8	137.3	13.05	39.9	133.9	13.86	40.1	126.3	12.88	40.4	121.2	11.96	40.5
		525	140.3	13.02	41.5	137.3	12.47	41.6	133.9	14.07	41.7	126.4	12.64	41.9	121.3	11.77	42.0
110	10	175	117.7	26.73	2.6	114.2	25.72	2.8	108.7	24.86	3.1	102.8	22.93	3.5	97.1	21.04	3.8
		350	119.0	26.22	6.2	115.1	25.42	6.3	109.6	24.57	6.5	104.0	22.68	6.7	98.2	20.62	6.8
		525	125.8	25.87	7.3	122.3	25.00	7.3	116.9	24.18	7.5	110.2	22.33	7.6	104.4	20.56	7.7
	15	175	129.6	23.32	6.3	125.3	22.56	6.6	119.8	21.65	7.0	113.3	20.01	7.4	106.9	18.35	7.8
		350	130.7	22.54	10.6	127.3	22.27	10.7	121.4	21.50	10.9	114.3	19.80	11.1	108.1	17.86	11.3
		525	130.4	22.50	12.1	126.9	21.88	12.1	122.3	21.15	12.2	114.9	19.49	12.4	108.6	18.06	12.5
	20	175	130.9	20.85	11.0	127.1	20.29	11.3	121.7	19.38	11.6	114.2	17.91	12.1	108.2	16.79	12.5
		350	131.7	20.41	15.4	128.4	20.02	15.6	123.0	19.30	15.8	116.0	18.02	16.0	109.5	16.60	16.2
		525	131.9	20.64	17.0	128.2	19.92	17.0	124.3	19.42	17.1	116.8	17.74	17.3	110.6	16.82	17.4
	25	175	132.9	18.37	15.6	128.1	17.82	16.0	123.9	17.49	16.3	116.8	16.15	16.8	110.8	14.93	17.1
		350	132.0	18.03	20.3	128.1	17.74	20.5	123.8	17.35	20.6	116.8	16.06	20.9	110.9	14.82	21.1
		525	132.1	18.30	21.9	128.2	17.74	22.0	123.8	17.05	22.1	116.8	16.32	22.3	111.0	14.14	22.4
	30	175	132.0	15.44	20.5	128.1	15.72	20.8	123.9	15.42	21.1	116.8	14.28	21.6	110.9	13.07	22.0
		350	132.0	15.33	25.2	128.1	15.57	25.4	124.0	15.12	25.5	116.7	14.16	25.8	110.9	12.60	26.0
		525	131.9	15.36	26.8	128.1	14.87	26.9	124.0	14.71	27.0	116.8	13.55	27.2	110.8	12.90	27.3
	35	175	132.2	14.37	25.4	128.2	14.40	25.7	123.8	14.62	26.1	116.8	13.17	26.5	110.9	12.03	26.9
		350	132.0	14.34	30.2	128.1	14.68	30.4	123.7	14.29	30.5	116.8	13.16	30.8	111.0	11.95	30.9
		525	132.0	13.57	31.8	128.0	13.97	31.9	123.8	13.90	32.0	116.8	12.93	32.2	110.8	11.74	32.3
	40	175	132.1	13.01	30.2	128.0	13.39	30.6	123.8	13.68	31.0	116.8	12.38	31.5	110.9	11.32	31.8
		350	132.0	12.99	35.1	128.1	13.31	35.3	123.8	13.06	35.5	116.7	12.39	35.7	111.0	11.30	35.9
		525	131.9	12.92	36.8	128.1	12.63	36.8	123.9	13.19	37.0	116.7	11.67	37.1	110.8	10.64	37.3
	45	175	132.1	11.13	35.1	128.2	11.77	35.5	123.9	12.22	35.9	116.7	11.10	36.4	110.9	10.16	36.8
		350	132.1	11.12	40.0	128.2	11.44	40.2	123.8	11.32	40.4	116.8	11.01	40.7	110.9	10.18	40.9
		525	132.0	11.83	41.7	128.1	10.80	41.8	123.8	12.01	41.9	116.7	9.93	42.1	110.9	9.09	42.2

1-14. AM360FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	175	112.7	26.90	3.0	107.9	26.10	3.3	102.8	25.01	3.6	97.1	23.07	3.9	91.4	20.83	4.2
		350	113.3	26.65	6.4	108.4	25.88	6.6	103.1	24.76	6.8	97.6	22.81	6.9	91.8	20.60	7.1
		525	120.0	26.19	7.4	114.9	25.45	7.6	109.2	24.33	7.7	103.4	22.45	7.8	97.1	20.28	7.9
	15	175	124.0	23.49	6.8	118.8	22.83	7.1	113.4	21.81	7.5	107.0	20.14	7.9	100.4	18.19	8.3
		350	124.0	23.28	10.9	118.8	22.59	11.1	113.4	21.65	11.2	107.0	19.92	11.4	100.4	18.00	11.6
		525	124.0	22.87	12.2	118.8	22.22	12.4	113.4	21.26	12.5	107.0	19.60	12.6	100.4	17.72	12.7
	20	175	124.0	20.70	11.5	118.8	20.09	11.9	113.4	19.21	12.3	107.0	17.72	12.7	100.4	16.01	13.1
		350	124.0	20.51	15.8	118.8	19.91	16.0	113.4	19.10	16.1	107.0	17.56	16.3	100.4	15.84	16.5
		525	124.0	20.15	17.2	118.8	19.55	17.3	113.4	18.73	17.4	107.0	17.25	17.5	100.4	15.59	17.7
	25	175	124.0	17.57	16.3	118.8	17.06	16.7	113.4	16.29	17.0	107.0	15.04	17.5	100.4	13.58	17.9
		350	124.0	17.37	20.6	118.8	16.86	20.8	113.4	16.14	21.0	107.0	14.89	21.2	100.4	13.44	21.4
		525	124.0	17.07	22.1	118.8	16.59	22.2	113.4	15.87	22.3	107.0	14.65	22.5	100.4	13.22	22.6
	30	175	124.0	14.69	21.0	118.8	14.27	21.4	113.4	13.63	21.8	107.0	12.57	22.3	100.4	11.38	22.7
		350	124.0	14.54	25.5	118.8	14.12	25.7	113.4	13.52	25.9	107.0	12.46	26.1	100.4	11.25	26.3
		525	124.0	14.29	27.0	118.8	13.88	27.1	113.4	13.29	27.3	107.0	12.26	27.4	100.4	11.06	27.6
	35	175	124.0	13.34	25.9	118.8	12.97	26.3	113.4	12.39	26.7	107.0	11.43	27.2	100.4	10.32	27.6
		350	124.0	13.22	30.5	118.8	12.83	30.7	113.4	12.28	30.9	107.0	11.32	31.1	100.4	10.24	31.3
		525	124.0	12.99	32.0	118.8	12.62	32.1	113.4	12.07	32.2	107.0	11.14	32.4	100.4	10.06	32.5
	40	175	124.0	12.00	30.8	118.8	11.66	31.2	113.4	11.15	31.6	107.0	10.28	32.1	100.4	9.29	32.5
		350	124.0	11.88	35.4	118.8	11.54	35.6	113.4	11.05	35.8	107.0	10.19	36.0	100.4	9.20	36.3
		525	124.0	11.69	36.9	118.8	11.36	37.1	113.4	10.85	37.2	107.0	10.01	37.4	100.4	9.04	37.5
	45	175	124.0	10.20	35.7	118.8	9.89	36.1	113.4	9.46	36.5	107.0	8.74	37.0	100.4	7.88	37.4
		350	124.0	10.10	40.3	118.8	9.79	40.5	113.4	9.37	40.7	107.0	8.65	41.0	100.4	7.81	41.2
		525	124.0	9.93	41.9	118.8	9.62	42.0	113.4	9.22	42.2	107.0	8.50	42.3	100.4	7.68	42.5
90	10	175	101.6	25.45	3.8	97.0	24.71	4.1	92.4	23.65	4.4	87.5	21.82	4.6	82.1	19.71	4.9
		350	102.0	25.13	6.9	97.5	24.40	7.0	92.9	23.36	7.2	87.9	21.56	7.3	82.5	19.47	7.4
		525	108.0	24.86	7.7	103.3	24.13	7.8	98.3	23.08	7.9	93.0	21.30	8.0	87.3	19.24	8.1
	15	175	111.7	22.25	7.7	106.8	21.62	8.0	101.8	20.67	8.4	96.3	19.08	8.7	90.5	17.23	9.0
		350	111.7	21.98	11.3	106.8	21.31	11.5	101.8	20.39	11.7	96.3	18.83	11.8	90.5	17.00	12.0
		525	111.7	21.72	12.5	106.8	21.08	12.7	101.8	20.17	12.8	96.2	18.60	12.9	90.4	16.81	13.0
	20	175	111.7	19.57	12.5	106.8	19.03	12.8	101.8	18.20	13.2	96.3	16.78	13.5	90.4	15.15	13.8
		350	111.7	19.36	16.2	106.8	18.76	16.4	101.8	17.95	16.6	96.2	16.58	16.7	90.4	14.96	16.9
		525	111.7	19.13	17.5	106.8	18.57	17.6	101.8	17.76	17.7	96.3	16.38	17.8	90.5	14.80	17.9
	25	175	111.7	16.70	17.2	106.8	16.21	17.6	101.8	15.49	17.9	96.3	14.30	18.3	90.5	12.90	18.6
		350	111.7	16.49	21.1	106.8	16.00	21.3	101.8	15.31	21.5	96.3	14.12	21.6	90.5	12.76	21.8
		525	111.7	16.15	22.4	106.8	15.67	22.5	101.8	15.00	22.6	96.2	13.85	22.8	90.4	12.50	22.9
	30	175	111.7	13.92	22.0	106.8	13.51	22.4	101.8	12.94	22.7	96.3	11.93	23.1	90.5	10.78	23.5
		350	111.7	13.76	26.0	106.8	13.36	26.2	101.8	12.77	26.4	96.3	11.78	26.5	90.5	10.65	26.7
		525	111.7	13.61	27.3	106.8	13.20	27.4	101.8	12.64	27.6	96.3	11.66	27.7	90.4	10.53	27.8
	35	175	111.7	12.63	26.9	106.8	12.26	27.3	101.8	11.73	27.6	96.2	10.83	28.0	90.5	9.77	28.4
		350	111.7	12.47	30.9	106.8	12.12	31.1	101.8	11.59	31.3	96.3	10.71	31.5	90.5	9.67	31.7
		525	111.7	12.33	32.3	106.8	11.97	32.4	101.8	11.46	32.5	96.3	10.58	32.7	90.5	9.55	32.8
	40	175	111.7	11.36	31.8	106.8	11.02	32.2	101.8	10.55	32.5	96.2	9.72	32.9	90.5	8.79	33.3
		350	111.7	11.25	35.9	106.8	10.92	36.1	101.8	10.44	36.3	96.3	9.63	36.5	90.4	8.69	36.7
		525	111.7	11.10	37.3	106.8	10.78	37.4	101.8	10.32	37.5	96.2	9.51	37.6	90.4	8.60	37.8
	45	175	111.7	9.65	36.6	106.8	9.36	37.0	101.8	8.96	37.4	96.2	8.27	37.8	90.5	7.46	38.2
		350	111.7	9.55	40.8	106.8	9.26	41.0	101.8	8.87	41.2	96.3	8.18	41.4	90.5	7.39	41.6
		525	111.7	9.44	42.2	106.8	9.15	42.3	101.8	8.76	42.5	96.3	8.08	42.6	90.5	7.30	42.7
80	10	175	90.3	22.63	4.5	86.2	21.97	4.7	82.1	21.02	5.0	77.7	19.41	5.2	73.0	17.52	5.5
		350	90.6	22.40	7.2	86.8	21.76	7.3	82.5	20.80	7.5	78.1	19.21	7.6	73.4	17.35	7.7
		525	96.1	22.21	8.0	91.9	21.55	8.1	87.4	20.66	8.2	82.7	19.03	8.3	77.7	17.20	8.3
	15	175	99.3	19.78	8.5	94.9	19.21	8.8	90.5	18.38	9.1	85.4	16.94	9.4	80.5	15.29	9.7
		350	99.3	19.58	11.7	95.0	19.00	11.9	90.5	18.20	12.0	85.4	16.78	12.2	80.5	15.16	12.3
		525	99.3	19.42	12.8	95.0	18.85	12.9	90.5	18.04	13.0	85.4	16.65	13.1	80.5	15.02	13.2
	20	175	99.3	17.40	13.3	95.1	16.90	13.6	90.4	16.16	13.9	85.4	14.91	14.2	80.5	13.46	14.5
		350	99.3	17.25	16.6	95.0	16.72	16.8	90.5	16.02	17.0	85.4	14.76	17.1	80.5	13.35	17.3
		525	99.3	17.09	17.8	95.1	16.59	17.9	90.5	15.89	18.0	85.4	14.64	18.1	80.5	13.23	18.2
	25	175	99.3	14.93	18.1	95.0	14.48	18.4	90.4	13.86	18.7	85.5	12.78	19.0	80.5	11.55	19.4
		350	99.3	14.70	21.5	95.0	14.27	21.7	90.5	13.65	21.9	85.5	12.61	22.0	80.5	11.38	22.2
		525	99.3	14.44	22.7	95.0	14.03	22.8	90.5	13.42	22.9	85.4	12.39	23.0	80.5	11.18	23.1
	30	175	99.3	12.37	22.9	95.0	12.01	23.2	90.5	11.49	23.5	85.4	10.60	23.9	80.5	9.58	24.2
		350	99.3	12.32	26.4	95.0	11.95	26.6	90.5	11.42	26.8	85.4	10.54	26.9	80.5	9.52	27.1
		525	99.3	12.11	27.6	95.0	11.76	27.7	90.5	11.24	27.8	85.4	10.37	28.0	80.5	9.37	28.1
	35	175	99.3	11.28	27.8	95.0	10.97	28.1	90.5	10.48	28.4	85.4	9.66	28.8	80.5	8.73	29.1
		350	99.3	11.23	31.4	95.0	10.89	31.6	90.5	10.42	31.7	85.4	9.62	31.9	80.5	8.68	32.1
		525	99.3	10.96	32.6	95.1	10.64	32.7	90.4	10.19	32.8	85.4	9.40	32.9	80.5	8.49	33.0
	40	175	99.3	10.16	32.7	95.0	9.86	33.0	90.4	9.43	33.4	85.4	8.70	33.7	80.5	7.86	34.1
		350	99.3	10.09	36.3	95.1	9.81	36.5	90.5	9.37	36.7	85.4	8.64	36.9	80.5	7.81	37.0
		525	99.3	9.87	37.6	95.0	9.58	37.7	90.5	9.16	37.8	85.4	8.44	37.9	80.5	7.63	38.0
	45	175	99.3	8.61	37.6	95.0	8.37	37.9	90.4	8.01	38.2	85.4	7.40	38.6	80.5	6.68	39.0
		350	99.3	8.57	41.3	95.1	8.32	41.4	90.5	7.95	41.6	85.4	7.34	41.8	80.5	6.63	42.0
		525	99.3	8.37	42.5	95.0	8.12	42.6	90.4	7.77	42.7	85.5	7.18	42.9	80.5	6.49	43.0

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	175	79.0	18.75	5.1	75.5	18.18	5.3	71.9	17.43	5.5	68.0	16.08	5.7	63.9	14.51	6.0
		350	79.3	18.66	7.5	75.9	18.14	7.6	72.2	17.36	7.8	68.4	15.99	7.9	64.2	14.45	8.0
		525	84.0	18.26	8.2	80.4	17.71	8.3	76.5	16.96	8.4	72.5	15.63	8.4	68.0	14.13	8.5
	15	175	86.9	16.40	9.2	83.2	15.93	9.5	79.1	15.23	9.8	74.8	14.03	10.0	70.4	12.69	10.3
		350	87.0	16.32	12.1	83.2	15.85	12.2	79.1	15.17	12.4	74.8	13.96	12.5	70.4	12.63	12.6
		525	86.9	15.95	13.1	83.2	15.49	13.2	79.1	14.80	13.2	74.8	13.66	13.3	70.3	12.35	13.4
	20	175	86.9	14.43	14.1	83.2	14.00	14.3	79.1	13.41	14.6	74.8	12.36	14.9	70.4	11.17	15.2
		350	86.9	14.37	17.0	83.2	13.94	17.2	79.2	13.33	17.3	74.8	12.31	17.4	70.3	11.11	17.6
		525	86.9	14.04	18.0	83.2	13.65	18.1	79.1	13.05	18.2	74.8	12.02	18.3	70.3	10.87	18.4
	25	175	86.9	12.30	18.9	83.2	11.92	19.2	79.1	11.43	19.5	74.8	10.53	19.7	70.3	9.52	20.0
		350	86.9	12.17	21.9	83.2	11.84	22.1	79.2	11.32	22.2	74.8	10.44	22.4	70.4	9.42	22.5
		525	86.9	11.96	23.0	83.2	11.61	23.0	79.1	11.11	23.1	74.8	10.25	23.2	70.3	9.26	23.3
	30	175	86.9	10.27	23.7	83.2	9.98	24.0	79.2	9.54	24.3	74.8	8.79	24.6	70.3	7.95	24.9
		350	86.9	10.18	26.9	83.2	9.90	27.0	79.1	9.46	27.1	74.8	8.73	27.3	70.3	7.88	27.4
		525	87.0	10.04	27.9	83.2	9.74	28.0	79.2	9.31	28.1	74.8	8.60	28.2	70.4	7.77	28.3
	35	175	86.9	9.40	28.6	83.2	9.14	28.9	79.2	8.73	29.2	74.8	8.05	29.5	70.4	7.28	29.8
		350	86.9	9.23	31.8	83.2	8.97	32.0	79.1	8.56	32.1	74.8	7.91	32.3	70.3	7.15	32.4
		525	86.9	9.13	32.9	83.2	8.86	33.0	79.1	8.47	33.1	74.8	7.82	33.2	70.3	7.06	33.3
	40	175	86.9	8.46	33.6	83.2	8.21	33.9	79.2	7.86	34.2	74.8	7.25	34.5	70.3	6.55	34.8
		350	86.9	8.30	36.8	83.2	8.06	36.9	79.2	7.72	37.1	74.8	7.11	37.2	70.4	6.43	37.4
		525	86.9	8.20	37.9	83.2	7.97	37.9	79.2	7.62	38.0	74.8	7.03	38.1	70.4	6.35	38.3
	45	175	86.9	7.19	38.5	83.2	6.97	38.8	79.2	6.67	39.1	74.8	6.15	39.4	70.4	5.56	39.7
		350	86.9	7.05	41.7	83.2	6.85	41.9	79.1	6.55	42.0	74.8	6.04	42.2	70.4	5.46	42.3
		525	86.9	6.97	42.8	83.2	6.76	42.9	79.2	6.48	43.0	74.8	5.97	43.1	70.3	5.39	43.2
60	10	175	67.7	15.49	5.7	64.7	15.05	5.9	61.6	14.39	6.1	58.3	13.26	6.3	54.8	11.99	6.5
		350	68.0	15.18	7.8	65.0	14.75	7.9	61.9	14.12	8.0	58.5	13.01	8.1	55.0	11.76	8.2
		525	72.0	15.08	8.4	68.9	14.64	8.5	65.6	14.02	8.6	62.0	12.92	8.7	58.3	11.66	8.7
	15	175	74.6	13.52	10.0	71.2	13.13	10.2	67.9	12.58	10.5	64.3	11.59	10.7	60.3	10.47	10.9
		350	74.6	13.27	12.5	71.3	12.89	12.6	67.9	12.34	12.7	64.3	11.37	12.8	60.3	10.27	13.0
		525	74.6	13.19	13.3	71.3	12.80	13.4	67.9	12.24	13.5	64.3	11.29	13.6	60.3	10.20	13.6
	20	175	74.6	11.91	14.9	71.3	11.57	15.1	67.9	11.07	15.3	64.3	10.21	15.6	60.3	9.23	15.8
		350	74.6	11.68	17.4	71.2	11.35	17.5	67.9	10.84	17.7	64.3	10.00	17.8	60.3	9.04	17.9
		525	74.6	11.60	18.3	71.2	11.26	18.4	67.9	10.77	18.4	64.3	9.94	18.5	60.3	8.97	18.6
	25	175	74.6	10.09	19.7	71.3	9.80	20.0	67.9	9.38	20.2	64.3	8.65	20.4	60.3	7.81	20.7
		350	74.6	9.95	22.4	71.2	9.67	22.5	67.9	9.23	22.6	64.3	8.53	22.7	60.3	7.70	22.8
		525	74.6	9.79	23.2	71.2	9.50	23.3	67.9	9.09	23.4	64.3	8.38	23.5	60.3	7.58	23.6
	30	175	74.6	8.39	24.6	71.3	8.15	24.8	67.9	7.80	25.1	64.3	7.19	25.3	60.3	6.50	25.6
		350	74.6	8.27	27.3	71.3	8.04	27.4	67.9	7.69	27.5	64.3	7.09	27.7	60.3	6.40	27.8
		525	74.6	8.19	28.2	71.3	7.95	28.3	67.9	7.61	28.4	64.3	7.01	28.4	60.3	6.34	28.5
	35	175	74.6	7.61	29.5	71.2	7.39	29.8	67.9	7.06	30.0	64.3	6.52	30.3	60.3	5.89	30.5
		350	74.6	7.60	32.3	71.3	7.38	32.4	67.9	7.06	32.5	64.3	6.51	32.6	60.3	5.89	32.8
		525	74.6	7.46	33.2	71.2	7.25	33.3	67.9	6.93	33.3	64.3	6.39	33.4	60.3	5.77	33.5
	40	175	74.6	6.85	34.5	71.2	6.65	34.7	67.9	6.35	35.0	64.3	5.87	35.2	60.3	5.30	35.5
		350	74.6	6.84	37.2	71.2	6.64	37.4	67.9	6.36	37.5	64.3	5.86	37.6	60.3	5.30	37.7
		525	74.6	6.71	38.1	71.2	6.52	38.2	67.9	6.23	38.3	64.3	5.76	38.4	60.3	5.19	38.5
	45	175	74.6	5.81	39.4	71.3	5.64	39.6	67.9	5.40	39.9	64.3	4.98	40.1	60.3	4.50	40.4
		350	74.6	5.80	42.2	71.2	5.64	42.3	67.9	5.40	42.4	64.3	4.97	42.6	60.3	4.49	42.7
		525	74.6	5.70	43.1	71.3	5.53	43.2	67.9	5.29	43.3	64.3	4.88	43.4	60.3	4.41	43.5
50	10	175	56.4	11.83	6.3	53.9	11.48	6.5	51.4	10.99	6.7	48.6	10.12	6.9	45.7	9.15	7.0
		350	56.6	11.71	8.2	54.2	11.37	8.2	51.6	10.87	8.3	48.8	10.02	8.4	45.8	9.06	8.5
		525	60.0	11.64	8.7	57.3	11.31	8.7	54.6	10.81	8.8	51.7	9.98	8.9	48.6	9.00	8.9
	15	175	62.1	10.34	10.8	59.4	10.01	11.0	56.6	9.59	11.1	53.5	8.84	11.3	50.3	8.00	11.5
		350	62.1	10.24	12.9	59.4	9.92	13.0	56.6	9.50	13.1	53.5	8.75	13.2	50.3	7.91	13.3
		525	62.1	10.17	13.6	59.4	9.88	13.6	56.6	9.43	13.7	53.5	8.71	13.8	50.3	7.87	13.8
	20	175	62.1	9.08	15.7	59.4	8.82	15.9	56.6	8.45	16.1	53.5	7.79	16.3	50.3	7.03	16.5
		350	62.1	9.00	17.8	59.4	8.75	17.9	56.6	8.36	18.0	53.5	7.71	18.1	50.3	6.97	18.2
		525	62.1	8.96	18.5	59.4	8.70	18.6	56.6	8.32	18.7	53.5	7.67	18.7	50.3	6.93	18.8
	25	175	62.1	7.74	20.5	59.4	7.53	20.8	56.6	7.19	21.0	53.5	6.63	21.2	50.3	6.00	21.4
		350	62.1	7.58	22.8	59.4	7.35	22.9	56.6	7.04	23.0	53.5	6.50	23.1	50.3	5.86	23.2
		525	62.1	7.62	23.5	59.4	7.39	23.6	56.6	7.07	23.6	53.5	6.52	23.7	50.3	5.89	23.8
	30	175	62.1	6.52	25.4	59.4	6.32	25.7	56.6	6.06	25.9	53.5	5.58	26.1	50.3	5.05	26.3
		350	62.1	6.38	27.7	59.4	6.19	27.8	56.6	5.92	27.9	53.5	5.46	28.0	50.3	4.94	28.1
		525	62.1	6.35	28.5	59.4	6.16	28.5	56.6	5.89	28.6	53.5	5.44	28.7	50.3	4.91	28.8
	35	175	62.1	5.91	30.4	59.4	5.74	30.6	56.6	5.49	30.8	53.5	5.07	31.0	50.3	4.58	31.3
		350	62.1	5.79	32.7	59.4	5.62	32.8	56.6	5.37	32.9	53.5	4.96	33.0	50.3	4.48	33.1
		525	62.1	5.71	33.5	59.4	5.54	33.5	56.6	5.30	33.6	53.5	4.89	33.7	50.3	4.42	33.7
	40	175	62.1	5.32	35.3	59.4	5.17	35.6	56.6	4.93	35.8	53.5	4.56	36.0	50.3	4.11	36.2
		350	62.1	5.21	37.7	59.4	5.06	37.8	56.6	4.84	37.9	53.5	4.46	38.0	50.3	4.03	38.1
		525	62.1	5.14	38.4	59.4	4.99	38.5	56.6	4.77	38.6	53.5	4.41	38.7	50.3	3.97	38.7
	45	175	62.1	4.52	40.3	59.4	4.38	40.5	56.6	4.19	40.7	53.5	3.87	40.9	50.3	3.50	41.2
		350	62.1	4.42	42.6	59.4	4.29	42.7	56.6	4.10	42.9	53.5	3.79	43.0	50.3	3.43	43.1
		525	62.1	4.36	43.4	59.4	4.24	43.5	56.6	4.05	43.6	53.5	3.74	43.6	50.3	3.37	43.7

1-15. AM380FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	183	106.4	7.46	18.9	117.2	8.87	19.9	126.0	9.73	20.6	134.9	10.33	21.4	138.3	10.44	21.7
		366	106.4	7.29	14.5	117.2	8.60	14.9	126.1	9.58	15.3	135.0	10.09	15.7	138.6	10.28	15.8
		549	106.4	7.19	13.0	117.0	8.47	13.3	126.1	9.30	13.5	134.9	9.78	13.8	138.7	10.04	13.9
	15	183	104.5	9.60	23.9	115.2	11.40	24.9	124.3	12.66	25.7	132.7	13.28	26.4	136.1	13.56	26.7
		366	104.6	9.46	19.5	115.2	11.15	19.9	124.2	12.44	20.4	132.7	13.07	20.7	136.2	13.36	20.9
		549	104.5	9.22	18.0	115.2	10.89	18.3	124.3	12.06	18.6	132.6	12.64	18.8	136.2	13.04	18.9
	20	183	103.2	11.47	29.0	113.7	13.43	30.0	122.7	14.98	30.8	130.7	15.72	31.5	134.4	16.05	31.8
		366	103.0	11.23	24.5	113.8	13.21	25.0	122.7	14.74	25.4	130.8	15.53	25.7	134.4	15.84	25.9
		549	103.0	10.86	23.0	113.7	12.82	23.3	122.6	14.34	23.6	130.7	14.94	23.8	134.3	15.41	23.9
	25	183	103.1	14.40	34.2	113.7	16.95	35.2	122.6	18.88	36.1	130.8	19.82	36.8	134.5	20.17	37.1
		366	103.0	14.18	29.6	113.8	16.70	30.1	122.7	18.54	30.5	130.8	19.57	30.9	134.5	19.87	31.0
		549	103.1	13.70	28.1	113.8	16.17	28.4	122.8	18.04	28.7	130.8	18.92	28.9	134.4	19.43	29.0
	30	183	103.1	16.88	39.4	113.7	19.88	40.5	122.7	22.14	41.3	130.8	23.22	42.1	134.4	23.66	42.4
		366	103.1	16.60	34.7	113.7	19.55	35.2	122.6	21.81	35.7	130.8	22.88	36.0	134.5	23.36	36.2
		549	103.1	16.08	33.1	113.7	18.91	33.5	122.8	21.09	33.8	130.9	22.15	34.0	134.5	22.73	34.1
	35	183	97.5	17.56	44.0	107.7	20.68	45.1	115.9	23.10	45.9	124.2	24.19	46.6	127.0	24.62	46.9
		366	97.5	17.23	39.5	107.7	20.32	40.0	116.0	22.63	40.4	124.3	23.85	40.8	127.0	24.36	40.9
		549	97.4	16.80	38.0	107.7	19.72	38.3	116.0	21.94	38.6	124.2	23.06	38.8	127.1	23.65	38.9
	40	183	81.4	18.31	47.8	89.7	21.55	48.7	96.6	24.01	49.4	103.5	25.20	50.1	106.4	25.71	50.3
		366	82.1	18.00	43.9	90.5	21.20	44.4	97.6	23.58	44.7	104.3	24.81	45.1	107.1	25.34	45.2
		549	83.4	17.44	42.6	91.7	20.47	42.9	98.8	22.92	43.2	105.9	24.04	43.4	108.9	24.75	43.5
	45	183	68.0	18.91	51.8	74.6	22.25	52.6	80.0	24.84	53.2	85.9	25.99	53.8	88.3	26.53	54.0
		366	68.6	18.60	48.4	75.1	21.90	48.8	80.9	24.37	49.1	86.5	25.71	49.4	88.9	26.20	49.5
		549	69.5	17.99	47.3	76.3	21.16	47.5	82.0	23.65	47.8	87.8	24.80	47.9	90.2	25.56	48.0
120	10	183	100.8	7.09	18.5	111.0	8.40	19.4	119.7	9.24	20.1	127.8	9.76	20.8	130.9	9.88	21.0
		366	100.8	6.98	14.2	111.1	8.23	14.7	119.7	9.06	15.0	127.7	9.55	15.4	131.1	9.74	15.5
		549	100.9	6.67	12.8	111.2	8.04	13.1	119.7	8.78	13.4	127.7	9.28	13.6	131.2	9.60	13.7
	15	183	99.7	9.21	23.5	109.4	10.87	24.4	118.2	12.14	25.2	126.4	12.71	25.9	129.6	12.92	26.2
		366	99.7	9.07	19.3	109.5	10.66	19.7	118.1	11.91	20.1	126.2	12.48	20.4	129.4	12.74	20.6
		549	99.6	8.77	17.8	109.6	10.41	18.1	118.2	11.52	18.4	126.3	12.09	18.6	129.5	12.49	18.7
	20	183	98.6	11.03	28.6	108.4	12.92	29.5	117.1	14.38	30.3	125.2	15.13	31.0	128.4	15.43	31.3
		366	98.6	10.77	24.3	108.3	12.69	24.7	117.0	14.19	25.1	125.2	14.91	25.5	128.4	15.16	25.6
		549	98.6	10.47	22.8	108.4	12.35	23.2	117.0	13.76	23.4	125.2	14.38	23.6	128.4	14.78	23.7
	25	183	98.6	13.83	33.8	108.3	16.25	34.8	117.0	18.05	35.6	125.1	19.00	36.3	128.3	19.35	36.6
		366	98.6	13.56	29.4	108.4	16.02	29.9	117.0	17.80	30.3	125.0	18.69	30.6	128.3	19.06	30.8
		549	98.5	13.10	27.9	108.5	15.47	28.2	117.1	17.31	28.5	125.1	18.11	28.7	128.4	18.55	28.8
	30	183	98.6	16.32	39.0	108.4	19.19	40.0	117.0	21.37	40.8	125.2	22.44	41.6	128.4	22.85	41.8
		366	98.5	16.03	34.5	108.4	18.84	35.0	117.1	21.09	35.4	125.1	22.07	35.8	128.3	22.52	35.9
		549	98.5	15.50	33.0	108.4	18.26	33.3	117.1	20.36	33.6	125.0	21.42	33.8	128.4	21.92	33.9
	35	183	94.7	17.18	43.8	104.4	20.26	44.8	112.9	22.62	45.6	120.2	23.67	46.3	123.4	24.13	46.6
		366	94.6	16.88	39.4	104.6	19.91	39.9	112.8	22.16	40.3	120.2	23.33	40.6	123.5	23.79	40.8
		549	94.6	16.40	37.9	104.5	19.34	38.2	112.8	21.48	38.5	120.1	22.52	38.7	123.4	23.13	38.8
	40	183	80.7	18.25	47.7	89.0	21.53	48.7	95.9	23.97	49.4	102.2	25.18	50.0	105.3	25.70	50.3
		366	81.4	17.97	43.9	89.7	21.16	44.3	96.7	23.54	44.7	103.2	24.75	45.0	106.2	25.26	45.1
		549	82.6	17.39	42.6	90.9	20.52	42.9	98.1	22.88	43.2	104.7	24.02	43.4	107.7	24.63	43.5
	45	183	68.6	19.18	51.9	76.0	22.59	52.7	81.8	25.26	53.4	87.3	26.39	53.9	89.7	26.98	54.1
		366	69.3	18.91	48.5	76.5	22.22	48.9	82.7	24.77	49.2	88.0	26.06	49.5	90.4	26.59	49.6
		549	70.2	18.23	47.3	77.6	21.60	47.6	83.8	24.03	47.8	89.3	25.28	48.0	91.6	25.83	48.1
110	10	183	95.1	6.63	18.0	104.5	7.94	18.8	112.9	8.70	19.5	120.6	9.23	20.2	123.4	9.31	20.4
		366	95.2	6.54	14.0	104.5	7.71	14.4	112.8	8.54	14.8	120.4	9.06	15.1	123.6	9.13	15.2
		549	95.3	6.34	12.7	104.5	7.51	12.9	112.9	8.38	13.2	120.5	8.75	13.4	123.5	8.99	13.5
	15	183	94.4	8.76	23.1	103.9	10.38	23.9	112.2	11.57	24.7	120.0	12.11	25.3	123.0	12.37	25.6
		366	94.3	8.64	19.0	103.7	10.16	19.5	112.2	11.36	19.8	120.0	11.94	20.2	123.0	12.14	20.3
		549	94.4	8.39	17.7	103.8	9.89	18.0	112.0	11.05	18.2	119.9	11.55	18.4	123.1	11.84	18.5
	20	183	94.0	10.60	28.2	103.5	12.40	29.1	111.7	13.84	29.8	119.1	14.50	30.5	122.3	14.79	30.7
		366	93.9	10.36	24.1	103.5	12.18	24.5	111.8	13.60	24.9	119.1	14.29	25.2	122.3	14.56	25.4
		549	93.9	10.06	22.7	103.4	11.84	23.0	111.6	13.22	23.3	119.1	13.83	23.5	122.3	14.13	23.6
	25	183	94.0	13.24	33.4	103.4	15.54	34.3	111.7	17.30	35.1	119.1	18.14	35.7	122.4	18.47	36.0
		366	93.9	13.02	29.2	103.4	15.31	29.6	111.7	17.02	30.0	119.1	17.86	30.4	122.3	18.18	30.5
		549	94.1	12.56	27.8	103.3	14.79	28.1	111.7	16.54	28.3	119.1	17.35	28.6	122.4	17.68	28.7
	30	183	94.0	15.72	38.6	103.4	18.51	39.6	111.8	20.60	40.4	119.0	21.64	41.0	122.4	22.02	41.3
		366	93.9	15.46	34.3	103.4	18.19	34.8	111.7	20.30	35.2	119.0	21.28	35.5	122.4	21.66	35.6
		549	93.9	14.96	32.8	103.4	17.64	33.2	111.6	19.67	33.4	119.1	20.61	33.6	122.3	21.10	33.7
	35	183	91.8	16.81	43.5	101.8	19.84	44.5	109.3	22.12	45.3	117.0	23.16	46.0	119.9	23.57	46.2
		366	91.9	16.51	39.2	101.6	19.46	39.7	109.2	21.70	40.1	116.9	22.79	40.5	119.9	23.24	40.6
		549	91.9	16.04	37.8	101.6	18.88	38.1	109.3	20.99	38.4	117.0	22.04	38.6	119.8	22.55	38.7
	40	183	80.0	18.27	47.7	88.3	21.53	48.6	94.8	23.94	49.3	101.7	25.12	49.9	104.7	25.64	50.2
		366	80.5	17.91	43.9	89.0	21.13	44.3	95.6	23.56	44.7	102.5	24.67	45.0	105.4	25.22	45.1
		549	81.9	17.38	42.6	90.1	20.47	42.9	96.8	22.85	43.1	103.9	23.99	43.3	106.8	24.51	43.4
	45	183	70.0	19.57	52.0	77.1	22.99	52.8	82.9	25.66	53.5	89.0	26.83	54.1	91.5	27.41	54.3
		366	70.7	19.16	48.5	77.7	22.59	48.9	83.8	25.18	49.3	89.7	26.52	49.6	92.1	26.98	49.7
		549	71.6	18.53	47.4	78.8	21.95	47.6	84.8	24.40	47.9	91.1	25.70	48.0	93.5	26.18	48.1

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	183	89.4	6.31	17.5	98.8	7.42	18.3	106.4	8.28	19.0	113.8	8.69	19.6	116.7	8.85	19.8
		366	89.4	6.20	13.7	98.8	7.29	14.2	106.4	8.13	14.5	113.8	8.53	14.8	116.7	8.69	14.9
		549	89.4	6.01	12.5	98.8	7.08	12.8	106.4	7.89	13.0	113.8	8.26	13.2	116.7	8.42	13.3
	15	183	89.4	8.41	22.7	98.8	9.92	23.5	106.4	11.05	24.2	113.8	11.60	24.8	116.7	11.80	25.1
		366	89.4	8.27	18.8	98.8	9.75	19.3	106.4	10.85	19.6	113.8	11.38	19.9	116.7	11.59	20.0
		549	89.4	8.02	17.5	98.8	9.45	17.8	106.4	10.53	18.1	113.8	11.03	18.3	116.7	11.25	18.3
	20	183	89.4	10.15	27.8	98.8	11.95	28.7	106.4	13.30	29.4	113.8	13.97	30.0	116.7	14.23	30.3
		366	89.4	9.97	23.9	98.8	11.75	24.3	106.4	13.07	24.7	113.8	13.72	25.0	116.7	13.99	25.1
		549	89.4	9.66	22.6	98.8	11.38	22.9	106.4	12.69	23.1	113.8	13.31	23.3	116.7	13.55	23.4
	25	183	89.4	12.65	33.0	98.8	14.87	33.9	106.4	16.59	34.6	113.8	17.39	35.3	116.7	17.73	35.5
		366	89.4	12.42	29.0	98.8	14.64	29.4	106.4	16.29	29.8	113.8	17.11	30.1	116.7	17.43	30.3
		549	89.4	12.05	27.6	98.8	14.17	27.9	106.4	15.82	28.2	113.8	16.58	28.4	116.7	16.88	28.5
	30	183	89.4	15.20	38.2	98.8	17.90	39.1	106.4	19.92	39.9	113.8	20.90	40.6	116.7	21.32	40.8
		366	89.4	14.92	34.1	98.8	17.59	34.6	106.4	19.66	34.9	113.8	20.53	35.3	116.7	20.93	35.4
		549	89.4	14.49	32.7	98.8	17.04	33.0	106.4	18.99	33.3	113.8	19.91	33.5	116.7	20.31	33.6
	35	183	89.4	16.49	43.3	98.8	19.43	44.3	106.4	21.67	45.0	113.8	22.74	45.7	116.7	23.15	46.0
		366	89.4	16.22	39.1	98.8	19.09	39.6	106.4	21.27	40.0	113.8	22.34	40.3	116.7	22.76	40.5
		549	89.4	15.73	37.7	98.8	18.51	38.1	106.4	20.63	38.3	113.8	21.62	38.5	116.7	22.03	38.6
	40	183	79.5	18.29	47.7	87.8	21.55	48.6	94.4	23.99	49.3	101.2	25.18	49.9	103.8	25.66	50.1
		366	80.1	17.99	43.8	88.5	21.17	44.3	95.2	23.59	44.7	102.0	24.74	45.0	104.6	25.20	45.1
		549	81.4	17.43	42.6	89.7	20.51	42.9	96.5	22.87	43.1	103.5	24.00	43.3	106.1	24.44	43.4
	45	183	71.4	19.92	52.1	78.8	23.42	53.0	84.6	26.13	53.7	90.8	27.38	54.3	93.2	27.91	54.5
		366	72.0	19.58	48.6	79.4	23.05	49.0	85.5	25.67	49.4	91.5	26.96	49.6	93.9	27.44	49.8
		549	73.0	18.97	47.4	80.5	22.36	47.7	86.6	24.89	47.9	92.9	26.12	48.1	95.3	26.59	48.2
90	10	183	80.5	5.97	16.8	88.8	7.03	17.5	95.5	7.83	18.1	102.4	8.21	18.7	105.1	8.37	18.9
		366	80.5	5.85	13.4	88.8	6.89	13.7	95.5	7.67	14.0	102.4	8.05	14.3	105.1	8.21	14.4
		549	80.5	5.70	12.3	88.8	6.72	12.5	95.5	7.48	12.7	102.4	7.86	12.9	105.1	8.00	13.0
	15	183	80.5	7.97	21.9	88.8	9.38	22.7	95.5	10.45	23.3	102.4	10.96	23.9	105.1	11.18	24.1
		366	80.5	7.82	18.5	88.8	9.20	18.8	95.5	10.25	19.1	102.4	10.74	19.4	105.1	10.96	19.5
		549	80.5	7.61	17.3	88.8	8.97	17.6	95.5	10.00	17.8	102.4	10.48	17.9	105.1	10.68	18.0
	20	183	80.5	9.60	27.1	88.8	11.31	27.8	95.5	12.60	28.5	102.4	13.22	29.1	105.1	13.45	29.3
		366	80.5	9.42	23.5	88.8	11.09	23.9	95.5	12.34	24.2	102.4	12.95	24.5	105.1	13.20	24.6
		549	80.5	9.18	22.3	88.8	10.80	22.6	95.5	12.04	22.8	102.4	12.63	23.0	105.1	12.87	23.1
	25	183	80.5	12.02	32.2	88.8	14.15	33.1	95.5	15.76	33.7	102.4	16.54	34.3	105.1	16.84	34.6
		366	80.5	11.80	28.6	88.8	13.89	29.0	95.5	15.46	29.3	102.4	16.24	29.6	105.1	16.54	29.8
		549	80.5	11.39	27.4	88.8	13.42	27.7	95.5	14.94	27.9	102.4	15.67	28.1	105.1	15.97	28.2
	30	183	80.5	14.39	37.4	88.8	16.96	38.3	95.6	18.89	39.0	102.4	19.81	39.6	105.1	20.18	39.8
		366	80.5	14.13	33.7	88.8	16.65	34.1	95.5	18.54	34.5	102.4	19.46	34.8	105.1	19.81	34.9
		549	80.5	13.76	32.5	88.8	16.22	32.7	95.5	18.08	33.0	102.4	18.96	33.2	105.1	19.31	33.2
	35	183	80.5	15.63	42.5	88.8	18.40	43.4	95.6	20.48	44.1	102.4	21.50	44.7	105.1	21.92	44.9
		366	80.5	15.33	38.8	88.8	18.05	39.2	95.5	20.11	39.5	102.4	21.12	39.8	105.1	21.49	40.0
		549	80.5	14.94	37.5	88.8	17.59	37.8	95.5	19.61	38.0	102.4	20.57	38.2	105.1	20.96	38.3
	40	183	71.6	17.31	47.0	79.0	20.39	47.8	84.8	22.69	48.4	91.1	23.81	49.0	93.4	24.25	49.2
		366	72.1	16.99	43.5	79.7	20.01	43.9	85.6	22.31	44.2	91.9	23.38	44.5	94.1	23.83	44.6
		549	73.2	16.56	42.3	80.8	19.50	42.6	86.9	21.71	42.8	93.1	22.80	43.0	95.5	23.22	43.1
	45	183	64.3	18.83	51.5	70.9	22.20	52.3	76.2	24.72	52.9	81.8	25.95	53.4	83.9	26.41	53.6
		366	64.8	18.49	48.3	71.5	21.80	48.7	76.9	24.27	49.0	82.4	25.45	49.2	84.4	25.93	49.3
		549	80.4	5.99	47.3	72.5	21.23	47.4	77.9	23.66	47.7	83.7	24.81	47.8	85.7	25.26	47.9
80	10	183	71.6	5.21	16.0	79.0	6.24	16.7	84.9	6.96	17.2	91.0	7.31	17.7	93.4	7.44	17.9
		366	71.6	5.06	13.0	79.0	6.15	13.3	84.9	6.85	13.6	91.0	7.18	13.8	93.4	7.32	13.9
		549	71.6	7.14	12.1	79.0	6.01	12.2	84.9	6.69	12.4	91.0	7.03	12.6	93.4	7.15	12.6
	15	183	71.6	6.96	21.2	79.0	8.35	21.8	84.9	9.29	22.4	91.0	9.74	22.9	93.4	9.92	23.1
		366	71.6	6.75	18.1	79.0	8.20	18.4	84.9	9.13	18.7	91.0	9.58	18.9	93.4	9.76	19.0
		549	71.6	8.61	17.1	79.0	8.02	17.3	84.9	8.92	17.4	91.0	9.36	17.6	93.4	9.55	17.7
	20	183	71.6	8.39	26.3	79.0	10.04	27.0	84.9	11.19	27.5	91.0	11.74	28.0	93.4	11.96	28.3
		366	71.6	8.13	23.1	79.0	9.88	23.5	84.9	11.01	23.8	91.0	11.54	24.0	93.4	11.76	24.1
		549	71.6	10.73	22.2	79.0	9.65	22.3	84.9	10.76	22.5	91.0	11.29	22.7	93.4	11.50	22.7
	25	183	71.6	10.55	31.4	79.0	12.65	32.2	84.9	14.10	32.8	91.0	14.79	33.3	93.4	15.06	33.5
		366	71.6	10.20	28.2	79.0	12.39	28.6	84.9	13.78	28.9	91.0	14.46	29.1	93.4	14.74	29.2
		549	71.6	12.83	27.2	79.0	11.99	27.4	84.9	13.37	27.6	91.0	14.01	27.7	93.4	14.27	27.8
	30	183	71.6	12.57	36.6	79.0	15.07	37.4	84.9	16.79	38.0	91.0	17.60	38.5	93.4	17.93	38.7
		366	71.6	12.24	33.3	79.0	14.89	33.7	84.9	16.59	34.0	91.0	17.40	34.2	93.4	17.73	34.4
		549	71.6	13.98	32.2	79.0	14.44	32.4	84.9	16.08	32.6	91.0	16.86	32.8	93.4	17.18	32.9
	35	183	71.6	13.73	41.7	79.0	16.44	42.5	84.9	18.32	43.1	91.0	19.20	43.6	93.4	19.58	43.8
		366	71.6	13.36	38.3	79.0	16.23	38.7	84.9	18.07	39.0	91.0	18.97	39.3	93.4	19.33	39.4
		549	63.6	15.42	37.1	79.0	15.62	37.5	84.9	17.41	37.7	91.0	18.28	37.9	93.4	18.60	37.9
	40	183	64.1	15.21	46.2	70.2	18.24	46.9	75.4	20.28	47.5	80.9	21.30	48.0	83.0	21.67	48.2
		366	65.0	14.80	43.1	70.8	17.99	43.5	76.0	20.04	43.8	81.5	21.03	44.0	83.8	21.40	44.1
		549	57.1	16.79	41.9	71.7	17.32	42.3	77.3	19.28	42.5	82.8	20.21	42.7	84.9	20.63	42.8
	45	183	57.6	16.54	50.8	63.0	19.82	51.5	67.7	22.08	52.0	72.7	23.17	52.5	74.5	23.62	52.7
		366	58.4	16.11	47.9	63.6	19.59	48.3	68.3	21.79	48.5	73.2	22.88	48.8	75.2	23.32	48.9
		549	64.4	5.04	46.8	64.4	18.85	47.2	69.4	21.00	47.4	74.4	22.02	47.5	76.3	22.43	47.6

1-15. AM380FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	183	62.7	4.40	15.3	69.2	5.17	15.8	74.2	5.77	16.3	79.7	6.05	16.7	81.7	6.17	16.9
		366	62.7	4.35	12.6	69.2	5.11	12.9	74.2	5.71	13.1	79.7	5.98	13.4	81.7	6.10	13.4
		549	62.7	4.18	11.7	69.2	4.93	11.9	74.2	5.49	12.1	79.7	5.76	12.2	81.6	5.87	12.3
	15	183	62.7	5.87	20.4	69.2	6.91	21.0	74.2	7.70	21.4	79.7	8.08	21.9	81.7	8.23	22.0
		366	62.7	5.81	17.7	69.2	6.83	18.0	74.2	7.62	18.2	79.7	7.98	18.4	81.7	8.14	18.5
		549	62.7	5.58	16.8	69.2	6.58	17.0	74.2	7.33	17.1	79.7	7.70	17.3	81.7	7.84	17.3
	20	183	62.7	7.07	25.5	69.2	8.33	26.1	74.2	9.28	26.5	79.7	9.74	27.0	81.7	9.91	27.2
		366	62.7	6.99	22.7	69.2	8.23	23.0	74.2	9.18	23.3	79.7	9.62	23.5	81.7	9.81	23.6
		549	62.7	6.74	21.8	69.2	7.93	22.0	74.2	8.85	22.2	79.7	9.27	22.3	81.7	9.44	22.4
	25	183	62.7	8.84	30.6	69.2	10.41	31.2	74.2	11.60	31.7	79.7	12.17	32.2	81.7	12.41	32.4
		366	62.7	8.72	27.8	69.2	10.25	28.1	74.2	11.43	28.4	79.7	11.99	28.6	81.7	12.20	28.7
		549	62.7	8.43	26.9	69.2	9.93	27.1	74.2	11.06	27.2	79.7	11.61	27.4	81.7	11.82	27.4
	30	183	62.7	10.63	35.7	69.2	12.51	36.4	74.2	13.94	36.9	79.7	14.63	37.4	81.7	14.90	37.6
		366	62.7	10.46	32.9	69.2	12.31	33.2	74.2	13.72	33.4	79.7	14.38	33.7	81.7	14.65	33.8
		549	62.7	10.16	31.9	69.2	11.96	32.1	74.2	13.32	32.3	79.7	13.97	32.4	81.7	14.25	32.5
	35	183	62.7	11.63	40.8	69.2	13.71	41.5	74.2	15.28	42.0	79.7	16.00	42.5	81.7	16.32	42.7
		366	62.7	11.34	37.9	69.2	13.35	38.2	74.2	14.88	38.5	79.7	15.60	38.7	81.6	15.90	38.8
		549	62.7	11.04	36.9	69.2	12.99	37.1	74.2	14.48	37.3	79.7	15.19	37.5	81.7	15.48	37.5
	40	183	55.6	12.89	45.4	61.4	15.18	46.0	65.9	16.93	46.5	70.9	17.74	46.9	72.6	18.08	47.1
		366	56.1	12.57	42.7	61.9	14.78	43.0	66.6	16.47	43.3	71.4	17.29	43.5	73.2	17.63	43.6
		549	56.9	12.23	41.8	62.9	14.41	42.0	67.5	16.05	42.2	72.4	16.83	42.3	74.3	17.15	42.4
	45	183	50.0	14.03	50.0	55.2	16.53	50.6	59.2	18.40	51.1	63.6	19.32	51.5	65.2	19.67	51.6
		366	50.4	13.68	47.5	55.6	16.10	47.8	59.7	17.94	48.0	64.1	18.82	48.2	65.8	19.17	48.3
		549	51.1	13.32	46.7	56.4	15.69	46.9	60.7	17.47	47.0	65.1	18.32	47.2	66.7	18.66	47.2
60	10	183	53.7	3.63	14.5	59.3	4.27	15.0	63.7	4.77	15.4	68.4	5.00	15.7	70.1	5.09	15.9
		366	53.7	3.53	12.2	59.2	4.16	12.5	63.7	4.64	12.7	68.4	4.87	12.9	70.0	4.96	12.9
		549	53.7	3.46	11.5	59.3	4.08	11.7	63.7	4.54	11.8	68.4	4.76	11.9	70.0	4.85	12.0
	15	183	53.7	4.85	19.6	59.2	5.71	20.1	63.7	6.36	20.5	68.4	6.67	20.9	70.0	6.80	21.0
		366	53.7	4.72	17.3	59.2	5.56	17.5	63.7	6.19	17.7	68.4	6.49	17.9	70.1	6.62	18.0
		549	53.7	4.62	16.5	59.2	5.44	16.7	63.7	6.06	16.8	68.4	6.35	17.0	70.0	6.48	17.0
	20	183	53.7	5.84	24.7	59.3	6.88	25.2	63.7	7.66	25.6	68.4	8.04	26.0	70.1	8.20	26.1
		366	53.7	5.69	22.3	59.2	6.69	22.6	63.7	7.45	22.8	68.4	7.82	23.0	70.0	7.97	23.1
		549	53.7	5.56	21.5	59.3	6.56	21.7	63.7	7.30	21.9	68.3	7.66	22.0	70.0	7.80	22.0
	25	183	53.7	7.27	29.8	59.2	8.56	30.3	63.7	9.54	30.7	68.4	10.00	31.1	70.0	10.19	31.3
		366	53.7	7.12	27.4	59.2	8.39	27.6	63.7	9.33	27.9	68.3	9.80	28.1	70.1	9.98	28.1
		549	53.7	6.90	26.6	59.2	8.13	26.8	63.7	9.05	26.9	68.4	9.49	27.0	70.0	9.66	27.1
	30	183	53.7	8.68	34.9	59.2	10.21	35.4	63.7	11.40	35.9	68.4	11.94	36.3	70.1	12.18	36.4
		366	53.7	8.50	32.4	59.2	10.02	32.7	63.7	11.16	32.9	68.4	11.70	33.1	70.0	11.93	33.2
		549	53.7	8.29	31.6	59.3	9.76	31.8	63.7	10.87	31.9	68.4	11.40	32.1	70.0	11.61	32.1
	35	183	53.7	9.42	39.9	59.3	11.08	40.5	63.7	12.36	41.0	68.4	12.96	41.4	70.0	13.21	41.5
		366	53.7	9.34	37.5	59.2	11.00	37.8	63.7	12.25	38.0	68.4	12.86	38.2	70.1	13.09	38.3
		549	53.7	9.03	36.6	59.2	10.65	36.8	63.7	11.85	37.0	68.4	12.45	37.1	70.1	12.67	37.2
	40	183	47.7	10.44	44.6	52.6	12.29	45.1	56.5	13.69	45.5	60.7	14.37	45.9	62.3	14.63	46.0
		366	48.1	10.34	42.3	53.1	12.17	42.6	57.1	13.57	42.8	61.2	14.22	43.0	62.8	14.51	43.0
		549	48.8	10.02	41.5	53.9	11.78	41.7	57.9	13.14	41.9	62.1	13.78	42.0	63.6	14.04	42.0
	45	183	42.8	11.36	49.2	47.3	13.38	49.8	50.8	14.89	50.1	54.5	15.63	50.5	55.9	15.92	50.6
		366	43.2	11.25	47.1	47.7	13.25	47.4	51.2	14.77	47.6	54.9	15.49	47.8	56.4	15.79	47.8
		549	43.8	10.90	46.4	48.3	12.84	46.6	51.9	14.31	46.7	55.8	14.98	46.8	57.2	15.28	46.9
50	10	183	44.7	2.77	13.7	49.3	3.26	14.1	53.1	3.64	14.4	57.0	3.81	14.8	58.4	3.88	14.9
		366	44.7	2.72	11.9	49.4	3.21	12.1	53.1	3.58	12.2	57.0	3.75	12.4	58.4	3.82	12.4
		549	44.7	2.67	11.2	49.4	3.14	11.4	53.1	3.51	11.5	57.0	3.67	11.6	58.4	3.75	11.6
	15	183	44.7	3.70	18.8	49.4	4.35	19.2	53.1	4.85	19.5	57.0	5.09	19.9	58.4	5.19	20.0
		366	44.7	3.64	16.9	49.4	4.28	17.1	53.1	4.77	17.3	57.0	5.01	17.4	58.4	5.09	17.5
		549	44.7	3.57	16.3	49.4	4.20	16.4	53.1	4.68	16.5	57.0	4.91	16.6	58.4	5.00	16.7
	20	183	44.7	4.46	23.9	49.4	5.25	24.3	53.1	5.85	24.6	57.0	6.13	24.9	58.4	6.25	25.1
		366	44.7	4.38	21.9	49.4	5.15	22.1	53.1	5.74	22.3	57.0	6.03	22.5	58.4	6.15	22.5
		549	44.7	4.30	21.3	49.4	5.06	21.4	53.1	5.64	21.5	57.0	5.91	21.6	58.4	6.02	21.7
	25	183	44.7	5.59	28.9	49.4	6.58	29.4	53.1	7.33	29.7	57.0	7.69	30.1	58.4	7.83	30.2
		366	44.7	5.42	27.0	49.3	6.38	27.2	53.1	7.11	27.4	57.0	7.45	27.5	58.4	7.59	27.6
		549	44.7	5.37	26.3	49.4	6.31	26.5	53.1	7.04	26.6	57.0	7.38	26.7	58.4	7.52	26.7
	30	183	44.7	6.73	34.0	49.4	7.94	34.5	53.1	8.84	34.8	57.0	9.27	35.2	58.4	9.44	35.3
		366	44.7	6.55	32.0	49.4	7.71	32.2	53.1	8.58	32.4	57.0	9.01	32.6	58.4	9.17	32.6
		549	44.7	6.42	31.3	49.4	7.56	31.5	53.1	8.43	31.6	57.0	8.84	31.7	58.4	9.00	31.8
	35	183	44.7	7.31	39.1	49.4	8.60	39.5	53.1	9.59	39.9	57.0	10.06	40.3	58.4	10.25	40.4
		366	44.7	7.12	37.0	49.4	8.37	37.3	53.0	9.33	37.4	57.0	9.78	37.6	58.4	9.96	37.7
		549	44.7	6.91	36.3	49.4	8.15	36.5	53.1	9.08	36.6	57.0	9.51	36.7	58.4	9.70	36.8
	40	183	39.7	8.10	43.7	43.9	9.53	44.2	47.2	10.63	44.5	50.6	11.15	44.8	51.9	11.35	45.0
		366	40.1	7.88	41.9	44.2	9.28	42.1	47.5	10.35	42.3	51.0	10.85	42.4	52.3	11.04	42.5
		549	40.6	7.66	41.3	44.9	9.02	41.4	48.2	10.05	41.5	51.8	10.55	41.6	53.0	10.74	41.7
	45	183	35.7	8.82	48.5	39.4	10.39	48.9	42.3	11.57	49.2	45.4	12.13	49.5	46.5	12.36	49.6
		366	36.0	8.58	46.7	39.7	10.09	47.0	42.7	11.25	47.1	45.8	11.81	47.3	47.0	12.04	47.3
		549	36.5	8.33	46.2	40.3	9.81	46.3	43.3	10.95	46.4	46.5	11.48	46.5	47.7	11.70	46.6

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	183	136.3	28.24	1.5	133.2	27.19	1.7	127.4	26.43	2.1	119.9	24.64	2.5	115.0	22.59	2.8
		366	139.1	27.25	5.6	135.3	26.74	5.7	130.0	26.04	5.9	122.4	24.17	6.2	117.3	22.22	6.3
		549	146.9	27.49	6.9	144.2	26.84	6.9	138.8	25.80	7.1	130.7	24.07	7.2	125.5	22.51	7.3
	15	183	150.3	25.04	5.2	146.5	23.89	5.4	140.6	23.12	5.8	131.9	21.53	6.4	126.5	19.77	6.6
		366	154.2	23.33	9.9	150.7	23.19	10.0	145.1	22.79	10.2	136.4	20.97	10.5	130.1	19.21	10.7
		549	153.3	24.34	11.6	151.6	23.91	11.7	147.8	22.86	11.7	138.6	21.09	11.9	132.8	20.22	12.1
	20	183	154.4	23.76	9.8	151.5	22.72	9.9	145.8	21.82	10.3	137.0	19.91	10.8	130.8	18.94	11.2
		366	157.1	22.41	14.7	155.8	22.38	14.8	150.4	21.65	15.0	141.5	20.39	15.3	135.5	19.55	15.5
		549	156.9	22.66	16.5	155.1	22.24	16.5	153.2	21.99	16.6	143.2	20.57	16.8	136.9	19.81	16.9
	25	183	159.9	22.04	14.2	155.3	21.72	14.5	152.2	21.21	14.7	143.9	20.00	15.3	138.3	18.95	15.7
		366	157.6	21.45	19.7	155.0	21.78	19.8	152.3	21.06	19.9	144.0	19.93	20.1	138.3	18.86	20.3
		549	156.1	21.31	21.5	155.3	20.81	21.5	152.2	20.86	21.6	144.0	19.76	21.8	138.4	18.04	21.9
	30	183	156.5	19.81	19.3	155.1	19.97	19.4	152.2	20.17	19.7	144.1	18.58	20.2	138.3	17.86	20.6
		366	156.6	19.35	24.6	155.2	20.06	24.7	152.2	19.73	24.8	144.0	18.58	25.1	138.5	17.02	25.2
		549	156.6	19.18	26.4	155.1	18.93	26.4	152.4	19.31	26.5	144.2	17.79	26.7	138.2	17.42	26.8
	35	183	156.6	18.63	24.2	155.3	19.24	24.3	152.3	19.96	24.6	144.0	18.18	25.1	138.4	16.80	25.5
		366	156.6	18.68	29.6	155.4	19.54	29.7	152.4	19.65	29.8	144.0	18.28	30.1	138.3	16.75	30.2
		549	156.9	18.37	31.4	155.1	18.86	31.4	152.4	19.18	31.5	144.0	17.46	31.7	138.4	16.04	31.8
	40	183	156.8	17.34	29.1	155.1	18.02	29.3	152.5	19.31	29.6	143.8	17.72	30.1	138.5	16.44	30.4
		366	156.6	17.39	34.5	155.0	18.28	34.6	152.4	18.73	34.8	144.0	17.51	35.0	138.4	16.15	35.2
		549	156.5	17.24	36.4	155.2	17.55	36.4	152.5	18.87	36.5	144.0	17.20	36.7	138.4	15.86	36.8
	45	183	156.6	15.30	33.9	155.2	16.03	34.1	152.2	17.96	34.5	143.9	16.53	35.0	138.4	15.40	35.4
		366	156.6	15.41	39.5	155.3	16.31	39.6	152.3	17.03	39.7	144.0	15.91	40.0	138.3	14.89	40.2
		549	156.6	15.49	41.3	155.2	15.44	41.4	152.4	17.83	41.5	144.0	16.10	41.7	138.4	15.14	41.8
120	10	183	130.0	27.99	2.0	126.8	27.09	2.2	121.1	26.27	2.6	114.1	24.27	3.0	109.0	22.25	3.2
		366	131.9	27.67	5.9	128.6	26.94	6.0	122.5	26.06	6.2	116.0	23.99	6.4	110.6	21.84	6.5
		549	139.5	27.18	7.1	134.9	26.49	7.2	130.8	25.79	7.3	123.5	23.84	7.4	118.0	21.77	7.5
	15	183	143.3	24.56	5.7	139.1	23.66	6.0	133.7	22.81	6.3	125.8	21.20	6.8	119.7	19.44	7.1
		366	145.5	24.11	10.2	142.7	23.60	10.3	136.9	22.76	10.5	128.6	20.97	10.8	122.2	18.96	11.0
		549	145.0	23.74	11.8	141.2	23.15	11.9	138.2	22.85	12.0	130.2	21.08	12.2	123.6	19.10	12.3
	20	183	145.8	22.77	10.4	142.7	21.84	10.5	137.0	20.85	10.9	129.1	19.29	11.4	122.4	18.37	11.8
		366	147.7	22.10	15.1	145.8	21.91	15.1	140.2	21.10	15.3	131.9	19.69	15.6	125.9	18.47	15.8
		549	147.0	22.06	16.7	143.4	21.54	16.8	142.1	21.24	16.8	133.5	19.89	17.0	126.8	18.79	17.2
	25	183	150.1	20.86	14.9	144.9	20.12	15.2	141.3	19.66	15.5	133.4	18.40	16.0	127.9	17.36	16.3
		366	148.4	20.27	20.0	145.0	20.18	20.1	141.1	19.75	20.2	133.3	18.28	20.5	127.9	17.31	20.7
		549	148.0	19.44	21.6	145.0	19.27	21.7	141.1	19.44	21.8	133.5	18.59	22.0	128.1	16.51	22.1
	30	183	148.0	18.34	19.8	144.8	18.45	20.1	141.2	18.37	20.4	133.2	16.69	20.9	127.9	15.99	21.2
		366	148.0	17.93	24.9	145.0	18.25	25.0	141.3	18.08	25.2	133.4	16.65	25.4	128.1	15.19	25.6
		549	147.9	17.29	26.6	144.9	17.30	26.7	141.3	17.60	26.8	133.5	16.37	26.9	127.9	15.57	27.1
	35	183	148.1	17.20	24.7	144.9	17.42	25.0	141.2	17.87	25.3	133.4	16.24	25.8	128.0	14.93	26.1
		366	148.0	16.84	29.9	144.9	17.40	30.0	141.3	17.23	30.1	133.6	15.92	30.4	127.9	14.57	30.6
		549	147.9	16.26	31.6	144.8	16.94	31.7	141.1	17.30	31.8	133.4	15.66	31.9	128.0	14.33	32.0
	40	183	148.0	15.96	29.7	144.9	16.06	29.9	141.2	16.89	30.3	133.4	15.40	30.8	128.0	14.23	31.1
		366	148.0	15.32	34.8	144.9	15.96	34.9	141.2	16.27	35.1	133.4	15.14	35.4	128.0	13.88	35.5
		549	148.1	15.31	36.5	144.9	15.35	36.6	141.3	16.42	36.7	133.5	14.88	36.9	128.1	13.66	37.0
	45	183	147.8	14.10	34.5	145.0	14.02	34.7	141.2	15.28	35.1	133.5	13.97	35.6	127.9	12.95	36.0
		366	148.1	13.21	39.7	145.0	13.82	39.9	141.3	14.68	40.0	133.3	13.65	40.3	128.0	12.67	40.5
		549	148.2	13.79	41.5	144.9	13.22	41.6	141.3	14.91	41.7	133.5	13.39	41.9	128.1	12.47	42.0
110	10	183	124.2	28.31	2.5	120.6	27.25	2.7	114.6	26.35	3.1	108.4	24.28	3.4	102.6	22.29	3.7
		366	125.7	27.78	6.2	121.5	26.93	6.3	115.7	26.02	6.5	109.8	24.01	6.6	103.7	21.84	6.8
		549	132.7	27.41	7.3	129.0	26.48	7.3	123.4	25.60	7.4	116.3	23.63	7.6	110.2	21.78	7.7
	15	183	136.8	24.72	6.2	132.3	23.89	6.5	126.5	22.95	6.9	119.5	21.18	7.3	112.8	19.44	7.7
		366	138.1	23.88	10.5	134.4	23.58	10.7	128.1	22.77	10.9	120.6	20.97	11.1	114.2	18.93	11.3
		549	137.8	23.82	12.0	133.9	23.16	12.1	129.2	22.41	12.2	121.3	20.63	12.4	114.6	19.13	12.5
	20	183	138.3	22.08	10.9	134.1	21.50	11.2	128.4	20.53	11.6	120.5	18.97	12.0	114.3	17.79	12.4
		366	139.2	21.61	15.4	135.5	21.21	15.5	129.9	20.44	15.7	122.4	19.08	16.0	115.6	17.59	16.2
		549	139.3	21.86	16.9	135.3	21.10	17.0	131.2	20.56	17.1	123.2	18.77	17.3	116.8	17.82	17.4
	25	183	140.5	19.45	15.5	135.2	18.89	15.9	130.7	18.52	16.2	123.2	17.10	16.7	117.0	15.82	17.1
		366	139.5	19.10	20.3	135.3	18.78	20.4	130.7	18.37	20.6	123.2	17.00	20.8	117.1	15.71	21.0
		549	139.4	19.38	21.9	135.4	18.78	22.0	130.7	18.06	22.1	123.2	17.28	22.2	117.2	14.98	22.3
	30	183	139.5	16.35	20.4	135.2	16.64	20.7	130.7	16.34	21.0	123.2	15.13	21.5	117.1	13.84	21.9
		366	139.4	16.24	25.2	135.3	16.49	25.3	130.9	16.01	25.5	123.2	15.01	25.8	117.1	13.34	25.9
		549	139.3	16.27	26.8	135.2	15.75	26.9	130.9	15.58	27.0	123.3	14.36	27.2	117.0	13.67	27.3
	35	183	139.6	15.24	25.3	135.3	15.25	25.6	130.7	15.48	26.0	123.2	13.96	26.4	117.1	12.75	26.8
		366	139.6	15.20	30.1	135.2	15.55	30.3	130.6	15.12	30.5	123.2	13.94	30.7	117.2	12.65	30.9
		549	139.5	14.37	31.7	135.1	14.78	31.9	130.7	14.72	32.0	123.2	13.70	32.1	117.1	12.44	32.3
	40	183	139.6	13.79	30.1	135.2	14.19	30.5	130.7	14.49	30.9	123.1	13.11	31.4	117.1	11.99	31.8
		366	139.4	13.75	35.1	135.2	14.11	35.3	130.7	13.84	35.4	123.1	13.12	35.7	117.2	11.97	35.9
		549	139.4	13.68	36.7	135.2	13.38	36.8	130.8	13.97	37.0	123.1	12.37	37.1	117.0	11.27	37.2
	45	183	139.5	11.79	35.0	135.3	12.46	35.4	130.8	12.95	35.8	123.1	11.77	36.3	117.1	10.76	36.7
		366	139.4	11.76	40.0	135.4	12.12	40.2	130.7	11.99	40.4	123.3	11.67	40.6	117.0	10.78	40.8
		549	139.4	12.53	41.7	135.3	11.44	41.8	130.7	12.72	41.9	123.2	10.52	42.1	117.2	9.63	42.2

1-15. AM380FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	183	119.0	28.49	2.9	113.9	27.66	3.2	108.4	26.50	3.6	102.5	24.44	3.9	96.4	22.07	4.2
		366	119.7	28.23	6.4	114.4	27.41	6.6	108.8	26.21	6.8	103.0	24.16	6.9	96.9	21.82	7.1
		549	126.6	27.74	7.4	121.2	26.94	7.5	115.4	25.76	7.7	109.1	23.77	7.8	102.5	21.48	7.9
	15	183	131.0	24.90	6.7	125.4	24.16	7.1	119.7	23.12	7.4	112.9	21.33	7.8	106.0	19.27	8.2
		366	131.0	24.67	10.8	125.4	23.93	11.0	119.7	22.93	11.2	112.9	21.10	11.4	106.0	19.07	11.6
		549	131.0	24.22	12.2	125.4	23.53	12.3	119.7	22.53	12.5	112.9	20.76	12.6	106.0	18.76	12.7
	20	183	131.0	21.93	11.5	125.4	21.29	11.8	119.7	20.35	12.2	112.9	18.76	12.6	106.0	16.97	13.0
		366	131.0	21.72	15.7	125.4	21.08	15.9	119.7	20.23	16.1	112.9	18.60	16.3	106.0	16.79	16.5
		549	131.0	21.35	17.1	125.4	20.71	17.3	119.7	19.83	17.4	112.9	18.27	17.5	106.0	16.51	17.7
	25	183	131.0	18.60	16.2	125.4	18.07	16.6	119.7	17.26	17.0	112.9	15.92	17.4	106.0	14.39	17.8
		366	131.0	18.40	20.6	125.4	17.86	20.8	119.7	17.09	21.0	112.9	15.76	21.2	106.0	14.24	21.4
		549	131.0	18.08	22.1	125.4	17.56	22.2	119.7	16.81	22.3	112.9	15.51	22.5	106.0	14.00	22.6
	30	183	131.0	15.55	21.0	125.4	15.11	21.4	119.7	14.44	21.8	112.9	13.32	22.2	106.0	12.05	22.6
		366	131.0	15.40	25.5	125.4	14.96	25.7	119.7	14.31	25.9	112.9	13.20	26.1	106.0	11.91	26.3
		549	131.0	15.13	27.0	125.4	14.71	27.1	119.7	14.08	27.2	112.9	12.99	27.4	106.0	11.72	27.5
	35	183	131.0	14.14	25.8	125.4	13.73	26.3	119.7	13.13	26.7	112.9	12.11	27.1	106.0	10.93	27.6
		366	131.0	14.00	30.4	125.4	13.59	30.6	119.7	13.01	30.8	112.9	12.00	31.0	106.0	10.84	31.3
		549	131.0	13.76	31.9	125.4	13.36	32.1	119.7	12.78	32.2	112.9	11.80	32.4	106.0	10.65	32.5
	40	183	131.0	12.71	30.7	125.4	12.35	31.1	119.7	11.81	31.5	112.9	10.88	32.0	106.0	9.85	32.5
		366	131.0	12.58	35.4	125.4	12.23	35.6	119.7	11.70	35.8	112.9	10.79	36.0	106.0	9.74	36.2
		549	131.0	12.37	36.9	125.4	12.03	37.0	119.7	11.49	37.2	112.9	10.60	37.3	106.0	9.57	37.5
	45	183	131.0	10.81	35.6	125.4	10.47	36.0	119.7	10.02	36.4	112.9	9.26	36.9	106.0	8.35	37.3
		366	131.0	10.69	40.3	125.4	10.38	40.5	119.7	9.92	40.7	112.9	9.17	40.9	106.0	8.27	41.2
		549	131.0	10.51	41.9	125.4	10.19	42.0	119.7	9.77	42.1	112.9	9.01	42.3	106.0	8.14	42.4
90	10	183	107.3	26.96	3.7	102.5	26.17	4.0	97.5	25.04	4.3	92.4	23.12	4.6	86.7	20.87	4.8
		366	107.7	26.62	6.8	102.9	25.84	7.0	98.0	24.73	7.1	92.8	22.84	7.3	87.2	20.62	7.4
		549	113.9	26.34	7.7	109.1	25.56	7.8	103.8	24.45	7.9	98.2	22.56	8.0	92.2	20.38	8.1
	15	183	118.0	23.57	7.6	112.8	22.91	8.0	107.5	21.89	8.3	101.6	20.21	8.6	95.5	18.26	9.0
		366	118.0	23.28	11.3	112.8	22.58	11.5	107.5	21.60	11.6	101.6	19.94	11.8	95.5	18.00	12.0
		549	118.0	23.01	12.5	112.8	22.32	12.6	107.5	21.37	12.8	101.6	19.71	12.9	95.5	17.81	13.0
	20	183	118.0	20.73	12.4	112.8	20.16	12.7	107.5	19.28	13.1	101.6	17.79	13.4	95.4	16.05	13.8
		366	118.0	20.49	16.2	112.8	19.88	16.4	107.5	19.02	16.5	101.6	17.55	16.7	95.5	15.86	16.9
		549	118.0	20.25	17.4	112.8	19.66	17.6	107.5	18.82	17.7	101.6	17.35	17.8	95.5	15.68	17.9
	25	183	118.0	17.67	17.1	112.8	17.17	17.5	107.5	16.41	17.9	101.6	15.14	18.2	95.5	13.66	18.6
		366	118.0	17.47	21.1	112.8	16.95	21.2	107.5	16.22	21.4	101.6	14.96	21.6	95.5	13.51	21.8
		549	118.0	17.10	22.4	112.8	16.60	22.5	107.5	15.89	22.6	101.6	14.67	22.7	95.5	13.25	22.9
	30	183	118.0	14.75	21.9	112.8	14.31	22.3	107.5	13.70	22.7	101.6	12.63	23.0	95.5	11.42	23.4
		366	118.0	14.58	25.9	112.8	14.15	26.1	107.5	13.53	26.3	101.6	12.48	26.5	95.5	11.27	26.7
		549	118.0	14.42	27.3	112.8	13.99	27.4	107.5	13.40	27.5	101.6	12.35	27.7	95.4	11.15	27.8
	35	183	118.0	13.38	26.8	112.8	12.98	27.2	107.5	12.41	27.6	101.6	11.47	27.9	95.5	10.35	28.3
		366	118.0	13.22	30.9	112.8	12.84	31.1	107.5	12.28	31.3	101.6	11.34	31.5	95.5	10.24	31.7
		549	118.0	13.07	32.3	112.8	12.69	32.4	107.5	12.14	32.5	101.6	11.21	32.6	95.5	10.11	32.8
	40	183	118.0	12.04	31.7	112.8	11.68	32.1	107.5	11.17	32.5	101.6	10.30	32.9	95.5	9.31	33.3
		366	118.0	11.91	35.8	112.8	11.56	36.0	107.5	11.05	36.2	101.6	10.20	36.4	95.5	9.21	36.6
		549	118.0	11.76	37.2	112.8	11.42	37.4	107.5	10.92	37.5	101.6	10.08	37.6	95.5	9.11	37.7
	45	183	118.0	10.22	36.6	112.8	9.91	36.9	107.5	9.49	37.3	101.6	8.75	37.7	95.5	7.90	38.1
		366	118.0	10.11	40.8	112.8	9.81	41.0	107.5	9.39	41.2	101.6	8.66	41.4	95.5	7.83	41.6
		549	118.0	10.00	42.2	112.8	9.69	42.3	107.5	9.27	42.4	101.6	8.55	42.6	95.5	7.74	42.7
80	10	183	95.4	23.98	4.4	91.0	23.28	4.7	86.7	22.27	5.0	82.0	20.56	5.2	77.0	18.56	5.4
		366	95.6	23.72	7.2	91.6	23.04	7.3	87.0	22.03	7.5	82.4	20.35	7.6	77.5	18.37	7.7
		549	101.4	23.53	8.0	97.0	22.83	8.1	92.3	21.87	8.2	87.3	20.16	8.2	82.0	18.22	8.3
	15	183	104.8	20.94	8.4	100.3	20.34	8.7	95.5	19.46	9.0	90.1	17.95	9.3	84.9	16.20	9.6
		366	104.8	20.74	11.7	100.3	20.14	11.9	95.5	19.27	12.0	90.1	17.77	12.2	84.9	16.06	12.3
		549	104.8	20.57	12.8	100.3	19.96	12.9	95.5	19.10	13.0	90.1	17.64	13.1	84.9	15.91	13.2
	20	183	104.8	18.43	13.2	100.3	17.89	13.5	95.5	17.11	13.9	90.1	15.79	14.2	84.9	14.26	14.5
		366	104.7	18.27	16.6	100.3	17.72	16.8	95.5	16.96	16.9	90.1	15.63	17.1	84.9	14.14	17.2
		549	104.8	18.10	17.7	100.3	17.57	17.8	95.5	16.83	17.9	90.1	15.51	18.1	84.9	14.01	18.1
	25	183	104.8	15.81	18.0	100.3	15.34	18.3	95.5	14.69	18.7	90.1	13.54	19.0	84.9	12.23	19.3
		366	104.8	15.58	21.5	100.3	15.12	21.7	95.5	14.46	21.8	90.1	13.36	22.0	84.9	12.05	22.1
		549	104.8	15.29	22.7	100.3	14.86	22.8	95.5	14.21	22.9	90.1	13.12	23.0	84.9	11.84	23.1
	30	183	104.7	13.10	22.8	100.3	12.72	23.1	95.5	12.17	23.5	90.1	11.23	23.8	84.9	10.15	24.1
		366	104.8	13.05	26.4	100.3	12.66	26.6	95.5	12.10	26.7	90.1	11.17	26.9	84.9	10.09	27.1
		549	104.8	12.83	27.6	100.3	12.45	27.7	95.5	11.91	27.8	90.1	10.98	27.9	84.9	9.92	28.0
	35	183	104.8	11.94	27.7	100.3	11.61	28.1	95.5	11.10	28.4	90.1	10.23	28.7	84.9	9.25	29.1
		366	104.8	11.90	31.4	100.3	11.53	31.5	95.5	11.03	31.7	90.1	10.19	31.9	84.9	9.19	32.0
		549	104.8	11.61	32.6	100.3	11.27	32.7	95.5	10.79	32.8	90.1	9.96	32.9	84.9	9.00	33.0
	40	183	104.8	10.76	32.6	100.3	10.44	33.0	95.5	9.99	33.3	90.1	9.21	33.7	84.9	8.32	34.0
		366	104.8	10.69	36.3	100.3	10.39	36.5	95.5	9.93	36.7	90.1	9.15	36.8	84.9	8.28	37.0
		549	104.8	10.45	37.5	100.3	10.15	37.6	95.5	9.70	37.8	90.1	8.94	37.9	84.9	8.08	38.0
	45	183	104.8	9.13	37.5	100.3	8.86	37.8	95.5	8.48	38.2	90.1	7.83	38.6	84.9	7.07	38.9
		366	104.8	9.08	41.3	100.3	8.81	41.4	95.5	8.42	41.6	90.1	7.77	41.8	84.9	7.02	42.0
		549	104.8	8.87	42.5	100.3	8.60	42.6	95.5	8.24	42.7	90.1	7.60	42.8	84.9	6.86	43.0

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	183	83.3	19.86	5.0	79.8	19.27	5.3	75.9	18.46	5.5	71.8	17.03	5.7	67.5	15.36	5.9
		366	83.7	19.77	7.5	80.1	19.21	7.6	76.2	18.37	7.7	72.2	16.94	7.8	67.7	15.30	7.9
		549	88.7	19.33	8.2	84.8	18.76	8.3	80.8	17.96	8.4	76.5	16.55	8.4	71.8	14.97	8.5
	15	183	91.7	17.36	9.2	87.8	16.87	9.4	83.6	16.14	9.7	79.0	14.87	10.0	74.3	13.44	10.2
		366	91.7	17.28	12.1	87.8	16.78	12.2	83.5	16.06	12.4	79.0	14.80	12.5	74.3	13.38	12.6
		549	91.7	16.90	13.0	87.8	16.41	13.1	83.5	15.68	13.2	79.0	14.46	13.3	74.3	13.07	13.4
	20	183	91.7	15.27	14.0	87.8	14.83	14.3	83.5	14.20	14.6	79.0	13.10	14.8	74.3	11.83	15.1
		366	91.7	15.22	17.0	87.8	14.77	17.1	83.6	14.12	17.3	79.0	13.04	17.4	74.3	11.77	17.6
		549	91.7	14.87	18.0	87.8	14.45	18.1	83.6	13.81	18.2	79.0	12.74	18.3	74.3	11.51	18.4
	25	183	91.7	13.03	18.8	87.8	12.63	19.1	83.5	12.10	19.4	79.0	11.15	19.7	74.3	10.08	20.0
		366	91.7	12.90	21.9	87.8	12.54	22.1	83.5	11.98	22.2	79.0	11.05	22.3	74.3	9.98	22.5
		549	91.7	12.67	22.9	87.8	12.29	23.0	83.5	11.76	23.1	79.0	10.85	23.2	74.3	9.81	23.3
	30	183	91.7	10.88	23.7	87.8	10.57	24.0	83.6	10.11	24.2	79.0	9.31	24.5	74.3	8.42	24.8
		366	91.7	10.79	26.8	87.8	10.48	27.0	83.5	10.02	27.1	79.0	9.25	27.3	74.3	8.35	27.4
		549	91.7	10.63	27.9	87.8	10.31	28.0	83.6	9.86	28.1	79.0	9.11	28.2	74.3	8.23	28.3
	35	183	91.7	9.96	28.6	87.8	9.67	28.9	83.6	9.25	29.2	79.0	8.53	29.5	74.3	7.71	29.8
		366	91.7	9.77	31.8	87.8	9.50	31.9	83.5	9.07	32.1	79.0	8.38	32.2	74.3	7.57	32.4
		549	91.7	9.67	32.9	87.8	9.39	33.0	83.5	8.97	33.1	79.0	8.28	33.2	74.3	7.47	33.3
	40	183	91.7	8.96	33.5	87.8	8.70	33.8	83.6	8.32	34.1	79.0	7.68	34.4	74.3	6.93	34.7
		366	91.7	8.80	36.8	87.8	8.53	36.9	83.6	8.17	37.0	79.0	7.53	37.2	74.3	6.81	37.4
		549	91.7	8.69	37.8	87.8	8.44	37.9	83.5	8.08	38.0	79.0	7.45	38.1	74.3	6.72	38.2
	45	183	91.7	7.61	38.4	87.8	7.39	38.7	83.6	7.07	39.0	79.0	6.52	39.3	74.3	5.89	39.6
		366	91.7	7.47	41.7	87.8	7.25	41.8	83.6	6.93	42.0	79.0	6.40	42.2	74.3	5.78	42.3
		549	91.7	7.38	42.8	87.8	7.16	42.9	83.6	6.86	43.0	79.0	6.32	43.1	74.3	5.71	43.2
60	10	183	71.5	16.41	5.7	68.3	15.93	5.9	65.0	15.25	6.1	61.5	14.05	6.3	57.9	12.70	6.5
		366	71.8	16.08	7.8	68.6	15.61	7.9	65.4	14.96	8.0	61.8	13.79	8.1	58.1	12.46	8.2
		549	76.0	15.97	8.4	72.7	15.51	8.5	69.2	14.85	8.6	65.5	13.69	8.6	61.5	12.35	8.7
	15	183	78.7	14.33	10.0	75.2	13.91	10.2	71.7	13.32	10.4	67.8	12.28	10.6	63.6	11.10	10.9
		366	78.7	14.06	12.5	75.2	13.65	12.6	71.7	13.07	12.7	67.8	12.05	12.8	63.6	10.88	12.9
		549	78.7	13.96	13.3	75.2	13.55	13.4	71.7	12.96	13.5	67.8	11.96	13.5	63.6	10.80	13.6
	20	183	78.7	12.62	14.8	75.3	12.26	15.1	71.7	11.73	15.3	67.8	10.80	15.5	63.6	9.78	15.8
		366	78.7	12.37	17.4	75.2	12.02	17.5	71.7	11.48	17.6	67.8	10.60	17.8	63.6	9.57	17.9
		549	78.7	12.29	18.3	75.2	11.93	18.3	71.7	11.41	18.4	67.8	10.52	18.5	63.6	9.50	18.6
	25	183	78.7	10.68	19.7	75.3	10.38	19.9	71.7	9.93	20.2	67.8	9.16	20.4	63.6	8.27	20.7
		366	78.7	10.54	22.3	75.2	10.24	22.5	71.7	9.79	22.6	67.8	9.03	22.7	63.6	8.16	22.8
		549	78.7	10.36	23.2	75.2	10.06	23.3	71.7	9.62	23.4	67.8	8.87	23.5	63.6	8.02	23.5
	30	183	78.7	8.89	24.5	75.2	8.64	24.8	71.7	8.26	25.0	67.8	7.62	25.3	63.6	6.88	25.6
		366	78.7	8.76	27.3	75.2	8.51	27.4	71.7	8.15	27.5	67.8	7.51	27.6	63.6	6.78	27.8
		549	78.7	8.68	28.2	75.2	8.42	28.3	71.7	8.06	28.3	67.8	7.43	28.4	63.6	6.71	28.5
	35	183	78.7	8.06	29.5	75.2	7.83	29.7	71.7	7.48	30.0	67.8	6.91	30.2	63.6	6.24	30.5
		366	78.7	8.06	32.2	75.2	7.81	32.4	71.7	7.48	32.5	67.8	6.90	32.6	63.6	6.24	32.8
		549	78.7	7.91	33.2	75.2	7.68	33.2	71.7	7.34	33.3	67.8	6.77	33.4	63.6	6.12	33.5
	40	183	78.7	7.25	34.4	75.2	7.04	34.7	71.7	6.73	34.9	67.8	6.22	35.2	63.6	5.62	35.5
		366	78.7	7.24	37.2	75.2	7.04	37.3	71.7	6.73	37.5	67.8	6.21	37.6	63.6	5.61	37.7
		549	78.7	7.11	38.1	75.2	6.91	38.2	71.7	6.60	38.3	67.8	6.10	38.4	63.6	5.50	38.5
	45	183	78.7	6.15	39.3	75.2	5.97	39.6	71.7	5.72	39.8	67.8	5.28	40.1	63.6	4.76	40.4
		366	78.7	6.15	42.2	75.2	5.98	42.3	71.7	5.72	42.4	67.8	5.27	42.6	63.6	4.76	42.7
		549	78.7	6.04	43.1	75.2	5.86	43.2	71.7	5.60	43.3	67.8	5.17	43.4	63.6	4.67	43.5
50	10	183	59.6	12.52	6.3	56.9	12.16	6.5	54.2	11.64	6.7	51.3	10.72	6.8	48.2	9.69	7.0
		366	59.8	12.41	8.1	57.2	12.04	8.2	54.5	11.52	8.3	51.5	10.61	8.4	48.4	9.60	8.5
		549	63.3	12.33	8.7	60.5	11.97	8.7	57.6	11.45	8.8	54.6	10.56	8.9	51.3	9.54	8.9
	15	183	65.6	10.95	10.7	62.7	10.61	10.9	59.7	10.16	11.1	56.5	9.37	11.3	53.1	8.47	11.5
		366	65.6	10.84	12.9	62.7	10.50	13.0	59.7	10.06	13.1	56.5	9.28	13.2	53.1	8.38	13.2
		549	65.6	10.77	13.6	62.7	10.46	13.6	59.7	10.00	13.7	56.5	9.23	13.8	53.1	8.34	13.8
	20	183	65.6	9.62	15.6	62.7	9.34	15.8	59.7	8.95	16.0	56.5	8.25	16.2	53.1	7.45	16.4
		366	65.6	9.53	17.8	62.7	9.26	17.9	59.7	8.86	18.0	56.5	8.16	18.1	53.1	7.38	18.2
		549	65.6	9.49	18.5	62.7	9.21	18.6	59.7	8.81	18.7	56.5	8.13	18.7	53.1	7.34	18.8
	25	183	65.6	8.21	20.5	62.7	7.97	20.7	59.7	7.62	20.9	56.5	7.03	21.1	53.1	6.35	21.3
		366	65.6	8.03	22.7	62.7	7.79	22.8	59.7	7.45	23.0	56.5	6.88	23.1	53.1	6.21	23.2
		549	65.6	8.07	23.5	62.7	7.83	23.6	59.7	7.49	23.6	56.5	6.91	23.7	53.1	6.23	23.8
	30	183	65.6	6.90	25.4	62.7	6.70	25.6	59.7	6.41	25.8	56.5	5.91	26.0	53.1	5.35	26.3
		366	65.6	6.76	27.7	62.7	6.55	27.8	59.7	6.27	27.9	56.5	5.79	28.0	53.1	5.23	28.1
		549	65.6	6.72	28.5	62.7	6.52	28.5	59.7	6.24	28.6	56.5	5.75	28.7	53.1	5.20	28.7
	35	183	65.6	6.26	30.4	62.7	6.08	30.6	59.7	5.81	30.8	56.5	5.37	31.0	53.1	4.85	31.2
		366	65.6	6.14	32.7	62.7	5.95	32.8	59.7	5.69	32.9	56.5	5.26	33.0	53.1	4.75	33.1
		549	65.6	6.04	33.4	62.7	5.87	33.5	59.7	5.61	33.6	56.5	5.18	33.7	53.1	4.68	33.7
	40	183	65.6	5.63	35.3	62.7	5.47	35.5	59.7	5.23	35.7	56.5	4.83	36.0	53.1	4.36	36.2
		366	65.6	5.52	37.6	62.7	5.36	37.8	59.7	5.13	37.9	56.5	4.73	38.0	53.1	4.27	38.1
		549	65.6	5.45	38.4	62.7	5.28	38.5	59.7	5.05	38.6	56.5	4.67	38.6	53.1	4.21	38.7
	45	183	65.6	4.78	40.2	62.7	4.64	40.5	59.7	4.44	40.7	56.5	4.10	40.9	53.1	3.70	41.1
		366	65.6	4.68	42.6	62.7	4.55	42.7	59.7	4.35	42.8	56.5	4.01	42.9	53.1	3.63	43.1
		549	65.6	4.62	43.4	62.7	4.49	43.5	59.7	4.29	43.6	56.5	3.96	43.6	53.1	3.57	43.7

1-16. AM400FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	190	112.0	8.17	19.1	123.4	9.71	20.0	132.5	10.67	20.8	142.1	11.33	21.6	145.6	11.44	21.8
		380	112.0	7.98	14.5	123.5	9.42	15.0	132.7	10.51	15.4	142.1	11.04	15.8	145.8	11.27	15.9
		570	112.1	7.89	13.0	123.1	9.28	13.3	132.8	10.20	13.6	142.0	10.71	13.8	145.9	11.00	13.9
	15	190	110.1	10.51	24.1	121.2	12.50	25.1	130.9	13.89	25.9	139.6	14.55	26.6	143.2	14.85	26.9
		380	110.2	10.36	19.5	121.3	12.24	20.0	130.8	13.64	20.4	139.7	14.32	20.8	143.3	14.62	21.0
		570	110.0	10.12	18.0	121.2	11.92	18.3	130.9	13.21	18.6	139.6	13.85	18.9	143.4	14.29	19.0
	20	190	108.6	12.56	29.1	119.8	14.73	30.2	129.2	16.40	31.0	137.5	17.24	31.7	141.4	17.56	32.0
		380	108.6	12.30	24.6	119.8	14.46	25.1	129.2	16.14	25.5	137.9	17.02	25.8	141.5	17.36	26.0
		570	108.6	11.89	23.0	119.6	14.04	23.4	129.0	15.74	23.6	137.5	16.36	23.9	141.3	16.86	24.0
	25	190	108.5	15.78	34.4	119.7	18.58	35.4	129.0	20.67	36.3	137.6	21.71	37.0	141.5	22.12	37.3
		380	108.6	15.52	29.7	119.8	18.31	30.2	129.2	20.30	30.6	137.5	21.43	31.0	141.6	21.78	31.2
		570	108.6	15.01	28.1	119.8	17.71	28.5	129.2	19.76	28.7	137.7	20.75	29.0	141.5	21.30	29.1
	30	190	108.7	18.49	39.6	119.6	21.79	40.7	129.0	24.23	41.6	137.7	25.42	42.3	141.5	25.96	42.6
		380	108.7	18.18	34.8	119.7	21.44	35.3	129.0	23.88	35.8	137.8	25.09	36.1	141.6	25.57	36.3
		570	108.6	17.61	33.2	119.8	20.72	33.5	129.2	23.12	33.8	137.9	24.26	34.1	141.6	24.91	34.2
	35	190	102.8	19.24	44.2	113.4	22.67	45.3	122.1	25.31	46.1	130.7	26.52	46.9	133.7	26.98	47.1
		380	102.7	18.87	39.6	113.3	22.24	40.1	122.0	24.78	40.5	130.9	26.16	40.9	133.5	26.70	41.0
		570	102.7	18.41	38.0	113.3	21.57	38.4	122.3	24.03	38.7	130.6	25.26	38.9	133.7	25.89	39.0
	40	190	85.8	20.05	48.0	94.5	23.64	48.9	101.8	26.31	49.7	108.9	27.61	50.3	112.0	28.17	50.6
		380	86.5	19.73	44.0	95.3	23.22	44.5	102.8	25.84	44.9	109.7	27.15	45.2	112.9	27.81	45.3
		570	87.8	19.12	42.7	96.4	22.41	43.0	104.0	25.10	43.2	111.7	26.35	43.5	114.6	27.09	43.6
	45	190	71.5	20.74	52.0	78.5	24.38	52.8	84.2	27.22	53.4	90.4	28.45	54.0	93.1	29.07	54.2
		380	72.2	20.40	48.5	79.0	24.02	48.9	85.3	26.71	49.2	91.0	28.17	49.5	93.5	28.75	49.6
		570	73.2	19.71	47.3	80.4	23.18	47.6	86.4	25.94	47.8	92.4	27.22	48.0	95.0	27.98	48.1
120	10	190	106.1	7.76	18.6	116.8	9.19	19.5	125.9	10.12	20.3	134.6	10.69	21.0	137.9	10.82	21.2
		380	106.2	7.65	14.3	116.9	9.01	14.8	126.0	9.95	15.1	134.6	10.45	15.5	137.9	10.67	15.6
		570	106.3	7.30	12.9	117.0	8.81	13.2	126.1	9.63	13.4	134.4	10.16	13.6	138.0	10.52	13.7
	15	190	105.1	10.09	23.7	115.3	11.91	24.6	124.5	13.31	25.4	133.0	13.92	26.1	136.4	14.17	26.4
		380	105.1	9.93	19.3	115.3	11.69	19.8	124.3	13.06	20.2	132.7	13.67	20.5	136.2	13.95	20.7
		570	104.9	9.62	17.9	115.4	11.41	18.2	124.4	12.63	18.4	133.1	13.25	18.7	136.4	13.69	18.8
	20	190	103.8	12.08	28.7	114.1	14.17	29.7	123.2	15.73	30.5	131.9	16.60	31.2	135.2	16.88	31.5
		380	103.9	11.80	24.4	113.9	13.90	24.8	123.1	15.55	25.2	131.9	16.33	25.6	135.0	16.60	25.7
		570	104.0	11.46	22.9	114.2	13.54	23.2	123.2	15.11	23.5	131.8	15.75	23.7	135.1	16.19	23.8
	25	190	104.0	15.15	34.0	114.0	17.78	34.9	123.3	19.79	35.8	131.7	20.81	36.5	135.0	21.21	36.8
		380	104.0	14.85	29.5	114.2	17.57	30.0	123.1	19.48	30.4	131.6	20.48	30.7	135.0	20.88	30.9
		570	103.7	14.36	28.0	114.2	16.95	28.3	123.3	18.98	28.6	131.7	19.85	28.8	135.0	20.32	28.9
	30	190	103.9	17.87	39.2	114.1	21.02	40.2	123.2	23.41	41.1	131.7	24.60	41.8	135.1	25.06	42.1
		380	103.7	17.56	34.6	114.2	20.62	35.1	123.3	23.12	35.5	131.7	24.18	35.9	134.9	24.65	36.0
		570	103.7	16.97	33.0	114.2	20.00	33.4	123.3	22.32	33.7	131.5	23.48	33.9	135.2	24.03	34.0
	35	190	99.9	18.80	44.0	109.9	22.20	45.0	118.9	24.81	45.8	126.5	25.94	46.5	129.9	26.45	46.8
		380	99.6	18.50	39.5	110.1	21.81	40.0	118.7	24.26	40.4	126.6	25.58	40.7	129.9	26.09	40.9
		570	99.7	17.98	38.0	109.9	21.17	38.3	118.7	23.52	38.6	126.4	24.67	38.8	129.7	25.33	38.9
	40	190	84.9	19.99	47.9	93.8	23.61	48.9	101.1	26.25	49.6	107.6	27.59	50.2	110.9	28.18	50.5
		380	85.8	19.70	44.0	94.3	23.17	44.4	101.7	25.79	44.8	108.6	27.12	45.1	111.9	27.71	45.3
		570	86.9	19.05	42.7	95.6	22.48	43.0	103.2	25.07	43.2	110.2	26.34	43.4	113.3	27.00	43.5
	45	190	72.2	21.03	52.0	80.0	24.74	52.9	86.0	27.70	53.6	91.9	28.91	54.1	94.4	29.60	54.4
		380	72.9	20.73	48.5	80.4	24.34	49.0	87.1	27.13	49.3	92.6	28.57	49.6	95.2	29.17	49.7
		570	73.9	19.98	47.4	81.7	23.68	47.7	88.3	26.35	47.9	94.0	27.74	48.1	96.3	28.27	48.1
110	10	190	100.1	7.27	18.1	110.0	8.70	19.0	118.8	9.53	19.7	126.9	10.13	20.3	129.8	10.21	20.6
		380	100.3	7.16	14.1	110.0	8.44	14.5	118.8	9.37	14.8	126.8	9.92	15.2	130.1	10.00	15.3
		570	100.4	6.95	12.7	109.9	8.22	13.0	119.0	9.19	13.2	126.8	9.58	13.4	129.9	9.85	13.5
	15	190	99.5	9.60	23.2	109.4	11.37	24.1	118.1	12.69	24.9	126.3	13.28	25.5	129.4	13.56	25.8
		380	99.3	9.46	19.1	109.1	11.15	19.5	118.1	12.45	19.9	126.3	13.09	20.3	129.4	13.30	20.4
		570	99.4	9.19	17.7	109.2	10.84	18.0	117.9	12.10	18.3	126.1	12.66	18.5	129.7	12.99	18.6
	20	190	99.0	11.62	28.3	108.9	13.60	29.2	117.6	15.15	30.0	125.2	15.89	30.6	128.6	16.19	30.9
		380	99.0	11.36	24.2	109.0	13.35	24.6	117.7	14.89	25.0	125.5	15.65	25.3	128.6	15.95	25.5
		570	98.9	11.02	22.8	108.8	12.96	23.1	117.4	14.51	23.3	125.5	15.15	23.5	128.8	15.48	23.6
	25	190	99.1	14.51	33.6	108.9	17.04	34.5	117.5	18.96	35.3	125.4	19.87	36.0	128.8	20.24	36.2
		380	98.9	14.27	29.3	108.7	16.78	29.7	117.5	18.64	30.1	125.2	19.58	30.5	128.7	19.92	30.6
		570	99.1	13.77	27.8	108.7	16.20	28.1	117.7	18.11	28.4	125.4	19.02	28.6	128.9	19.36	28.7
	30	190	99.1	17.22	38.8	108.9	20.27	39.7	117.7	22.56	40.6	125.3	23.73	41.2	128.9	24.14	41.5
		380	99.0	16.95	34.4	108.8	19.92	34.9	117.6	22.24	35.3	125.3	23.33	35.6	128.6	23.71	35.7
		570	98.9	16.39	32.9	108.8	19.29	33.2	117.5	21.56	33.5	125.4	22.56	33.7	128.7	23.12	33.8
	35	190	96.7	18.43	43.7	107.1	21.74	44.7	115.1	24.29	45.5	123.3	25.35	46.2	126.2	25.84	46.5
		380	96.7	18.07	39.3	106.9	21.31	39.8	114.9	23.76	40.2	123.0	24.98	40.6	126.2	25.48	40.7
		570	96.8	17.58	37.9	106.9	20.67	38.2	115.1	22.99	38.5	123.2	24.14	38.7	126.0	24.69	38.8
	40	190	84.3	19.99	47.9	92.9	23.59	48.8	99.9	26.22	49.5	106.9	27.51	50.1	110.2	28.09	50.4
		380	84.8	19.62	43.9	93.6	23.15	44.4	100.7	25.82	44.8	107.8	27.01	45.1	110.9	27.66	45.2
		570	86.3	19.06	42.6	94.7	22.40	42.9	102.0	25.02	43.2	109.5	26.30	43.4	112.5	26.83	43.5
	45	190	73.7	21.47	52.2	81.1	25.17	53.0	87.2	28.15	53.7	93.7	29.38	54.3	96.2	30.04	54.5
		380	74.4	21.00	48.6	81.8	24.77	49.0	88.1	27.60	49.4	94.4	29.06	49.7	96.9	29.59	49.8
		570	75.3	20.30	47.4	83.0	24.06	47.7	89.3	26.76	47.9	95.9	28.19	48.1	98.4	28.65	48.2

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	190	94.2	6.91	17.6	104.0	8.13	18.5	112.0	9.07	19.1	119.8	9.52	19.8	122.8	9.70	20.0
		380	94.2	6.79	13.8	104.0	7.99	14.2	112.0	8.92	14.6	119.8	9.34	14.9	122.8	9.51	15.0
		570	94.2	6.58	12.5	104.0	7.75	12.8	112.0	8.65	13.0	119.8	9.05	13.2	122.8	9.23	13.3
	15	190	94.2	9.21	22.8	104.0	10.87	23.7	112.0	12.11	24.4	119.8	12.71	25.0	122.8	12.93	25.2
		380	94.2	9.06	18.9	104.0	10.69	19.3	112.0	11.90	19.7	119.8	12.47	20.0	122.8	12.70	20.1
		570	94.2	8.80	17.6	104.0	10.36	17.9	112.0	11.54	18.1	119.8	12.08	18.3	122.8	12.34	18.4
	20	190	94.2	11.12	27.9	104.0	13.11	28.8	112.0	14.57	29.5	119.8	15.31	30.2	122.8	15.57	30.4
		380	94.2	10.92	24.0	104.0	12.87	24.4	112.0	14.32	24.8	119.8	15.03	25.1	122.8	15.33	25.2
		570	94.2	10.58	22.6	104.0	12.46	22.9	112.0	13.91	23.2	119.8	14.58	23.4	122.8	14.84	23.5
	25	190	94.2	13.86	33.2	104.0	16.29	34.1	112.0	18.17	34.8	119.8	19.06	35.5	122.8	19.43	35.7
		380	94.2	13.61	29.1	104.0	16.05	29.5	112.0	17.84	29.9	119.8	18.74	30.2	122.8	19.11	30.4
		570	94.2	13.20	27.7	104.0	15.53	28.0	112.0	17.34	28.3	119.8	18.18	28.5	122.8	18.49	28.6
	30	190	94.2	16.65	38.4	104.0	19.61	39.3	112.0	21.83	40.1	119.8	22.90	40.8	122.8	23.37	41.0
		380	94.2	16.35	34.2	104.0	19.27	34.6	112.0	21.54	35.0	119.8	22.50	35.4	122.8	22.92	35.5
		570	94.2	15.87	32.8	104.0	18.66	33.1	112.0	20.82	33.3	119.8	21.81	33.6	122.8	22.25	33.6
	35	190	94.2	18.07	43.5	104.0	21.30	44.5	112.0	23.76	45.2	119.8	24.90	45.9	122.8	25.37	46.2
		380	94.2	17.76	39.2	104.0	20.90	39.7	112.0	23.29	40.1	119.8	24.48	40.4	122.8	24.94	40.6
		570	94.2	17.24	37.8	104.0	20.27	38.1	112.0	22.60	38.4	119.8	23.68	38.6	122.8	24.13	38.7
	40	190	83.7	20.04	47.8	92.4	23.62	48.8	99.4	26.28	49.5	106.5	27.59	50.1	109.3	28.12	50.4
		380	84.4	19.72	43.9	93.2	23.19	44.4	100.2	25.84	44.8	107.3	27.10	45.1	110.2	27.64	45.2
		570	85.7	19.10	42.6	94.4	22.46	42.9	101.6	25.05	43.2	109.1	26.31	43.4	111.6	26.78	43.5
	45	190	75.1	21.84	52.3	82.9	25.65	53.2	89.0	28.66	53.9	95.6	29.98	54.5	98.2	30.58	54.7
		380	75.9	21.45	48.7	83.5	25.27	49.1	90.0	28.12	49.5	96.3	29.55	49.7	98.8	30.08	49.9
		570	76.8	20.79	47.5	84.8	24.50	47.7	91.3	27.29	48.0	97.9	28.64	48.2	100.2	29.10	48.3
90	10	190	84.8	6.53	16.9	93.4	7.71	17.6	100.6	8.58	18.2	107.8	9.00	18.8	110.6	9.17	19.0
		380	84.8	6.41	13.4	93.4	7.55	13.8	100.6	8.40	14.1	107.8	8.81	14.4	110.6	9.00	14.5
		570	84.8	6.25	12.3	93.4	7.37	12.5	100.6	8.19	12.7	107.8	8.60	12.9	110.6	8.76	13.0
	15	190	84.8	8.74	22.1	93.4	10.27	22.8	100.6	11.44	23.5	107.8	12.01	24.0	110.6	12.24	24.3
		380	84.8	8.57	18.5	93.4	10.08	18.9	100.6	11.24	19.2	107.8	11.76	19.5	110.6	12.00	19.6
		570	84.8	8.34	17.3	93.4	9.84	17.6	100.6	10.96	17.8	107.8	11.48	18.0	110.6	11.70	18.1
	20	190	84.8	10.52	27.2	93.4	12.41	28.0	100.6	13.80	28.6	107.8	14.49	29.2	110.6	14.74	29.5
		380	84.8	10.33	23.6	93.4	12.16	24.0	100.6	13.52	24.3	107.8	14.19	24.6	110.6	14.44	24.7
		570	84.8	10.04	22.4	93.4	11.84	22.6	100.6	13.19	22.9	107.8	13.84	23.1	110.6	14.11	23.1
	25	190	84.8	13.18	32.4	93.4	15.50	33.2	100.6	17.26	33.9	107.8	18.13	34.5	110.6	18.44	34.7
		380	84.8	12.93	28.7	93.4	15.22	29.1	100.6	16.94	29.4	107.8	17.80	29.7	110.6	18.12	29.9
		570	84.8	12.47	27.4	93.4	14.71	27.7	100.6	16.38	27.9	107.8	17.16	28.1	110.6	17.51	28.2
	30	190	84.8	15.77	37.6	93.4	18.59	38.4	100.6	20.69	39.1	107.8	21.71	39.8	110.6	22.13	40.0
		380	84.8	15.48	33.8	93.4	18.25	34.2	100.6	20.31	34.6	107.8	21.34	34.9	110.6	21.68	35.0
		570	84.8	15.08	32.5	93.4	17.78	32.8	100.6	19.81	33.0	107.8	20.76	33.2	110.6	21.15	33.3
	35	190	84.8	17.13	42.7	93.4	20.16	43.6	100.6	22.43	44.3	107.8	23.55	44.9	110.6	24.03	45.2
		380	84.8	16.80	38.8	93.4	19.78	39.3	100.6	22.02	39.6	107.8	23.14	39.9	110.6	23.53	40.1
		570	84.8	16.37	37.5	93.4	19.26	37.8	100.6	21.47	38.1	107.8	22.55	38.3	110.6	22.97	38.4
	40	190	75.4	18.96	47.1	83.2	22.35	48.0	89.2	24.85	48.6	95.8	26.10	49.2	98.4	26.57	49.4
		380	75.9	18.62	43.6	83.9	21.93	44.0	90.0	24.46	44.3	96.8	25.62	44.6	99.0	26.10	44.7
		570	77.1	18.15	42.4	84.9	21.38	42.7	91.5	23.78	42.9	97.9	25.00	43.1	100.5	25.44	43.2
	45	190	67.6	20.62	51.7	74.6	24.34	52.5	80.2	27.06	53.1	86.1	28.42	53.6	88.4	28.97	53.9
		380	68.2	20.25	48.3	75.3	23.89	48.7	80.9	26.62	49.1	86.8	27.88	49.3	88.9	28.38	49.4
		570	84.6	6.56	47.3	76.3	23.25	47.5	82.0	25.92	47.7	88.1	27.17	47.9	90.2	27.67	48.0
80	10	190	75.4	5.71	16.1	83.2	6.83	16.8	89.4	7.63	17.3	95.6	8.01	17.8	98.2	8.14	18.0
		380	75.4	5.54	13.1	83.2	6.73	13.4	89.4	7.51	13.7	95.6	7.87	13.9	98.2	8.02	14.0
		570	75.4	7.83	12.1	83.2	6.58	12.3	89.4	7.32	12.4	95.6	7.70	12.6	98.2	7.84	12.7
	15	190	75.4	7.63	21.3	83.2	9.15	22.0	89.4	10.18	22.5	95.6	10.67	23.0	98.2	10.87	23.2
		380	75.4	7.40	18.1	83.2	8.98	18.5	89.4	10.00	18.7	95.6	10.49	19.0	98.2	10.70	19.1
		570	75.4	9.44	17.1	83.2	8.79	17.3	89.4	9.77	17.5	95.6	10.26	17.7	98.2	10.47	17.7
	20	190	75.4	9.20	26.4	83.2	11.01	27.1	89.4	12.26	27.7	95.6	12.87	28.2	98.2	13.10	28.4
		380	75.4	8.91	23.2	83.2	10.82	23.5	89.4	12.07	23.8	95.6	12.64	24.1	98.2	12.89	24.2
		570	75.4	11.76	22.2	83.2	10.57	22.4	89.4	11.78	22.5	95.6	12.38	22.7	98.2	12.60	22.8
	25	190	75.4	11.56	31.6	83.2	13.86	32.3	89.4	15.45	32.9	95.6	16.23	33.4	98.2	16.51	33.7
		380	75.4	11.18	28.3	83.2	13.59	28.7	89.4	15.10	28.9	95.6	15.84	29.2	98.2	16.15	29.3
		570	75.4	14.06	27.2	83.2	13.14	27.4	89.4	14.65	27.6	95.6	15.35	27.8	98.2	15.63	27.9
	30	190	75.4	13.76	36.7	83.2	16.52	37.5	89.4	18.40	38.1	95.6	19.28	38.7	98.2	19.63	38.9
		380	75.4	13.41	33.3	83.2	16.32	33.8	89.4	18.17	34.1	95.6	19.05	34.3	98.2	19.43	34.4
		570	75.4	15.32	32.3	83.2	15.82	32.5	89.4	17.60	32.7	95.6	18.48	32.9	98.2	18.84	32.9
	35	190	75.4	15.06	41.8	83.2	18.01	42.6	89.4	20.08	43.3	95.6	21.02	43.8	98.2	21.45	44.0
		380	75.4	14.63	38.4	83.2	17.78	38.8	89.4	19.79	39.1	95.6	20.79	39.4	98.2	21.19	39.5
		570	67.0	16.89	37.1	83.2	17.10	37.5	89.4	19.05	37.7	95.6	20.02	37.9	98.2	20.38	38.0
	40	190	67.4	16.66	46.3	73.9	19.98	47.1	79.4	22.21	47.7	85.2	23.31	48.2	87.3	23.74	48.4
		380	68.4	16.20	43.2	74.4	19.71	43.6	80.0	21.94	43.8	85.8	23.04	44.1	88.2	23.46	44.2
		570	60.2	18.38	42.0	75.5	18.98	42.4	81.4	21.12	42.6	87.1	22.14	42.7	89.3	22.61	42.8
	45	190	60.6	18.11	50.9	66.3	21.70	51.6	71.2	24.19	52.2	76.6	25.39	52.7	78.5	25.90	52.9
		380	61.5	17.64	48.0	66.9	21.47	48.3	71.9	23.87	48.6	77.1	25.06	48.9	79.2	25.55	49.0
		570	67.8	5.52	46.8	67.8	20.64	47.2	73.0	23.00	47.4	78.4	24.11	47.6	80.3	24.56	47.6

1-16. AM400FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	190	66.0	4.81	15.3	72.8	5.67	15.9	78.2	6.33	16.4	83.8	6.63	16.8	86.0	6.76	17.0
		380	66.0	4.76	12.7	72.8	5.60	13.0	78.2	6.25	13.2	83.8	6.55	13.4	86.0	6.68	13.5
		570	66.0	4.59	11.8	72.8	5.40	12.0	78.2	6.01	12.1	83.8	6.32	12.3	86.0	6.44	12.3
	15	190	66.0	6.43	20.5	72.8	7.56	21.1	78.2	8.43	21.5	83.8	8.86	22.0	86.0	9.02	22.2
		380	66.0	6.36	17.7	72.8	7.49	18.0	78.2	8.35	18.3	83.8	8.74	18.5	86.0	8.92	18.6
		570	66.0	6.12	16.8	72.8	7.21	17.0	78.2	8.05	17.2	83.8	8.43	17.3	86.0	8.58	17.4
	20	190	66.0	7.75	25.6	72.8	9.12	26.2	78.2	10.17	26.7	83.8	10.67	27.1	86.0	10.87	27.3
		380	66.0	7.66	22.8	72.8	9.01	23.1	78.2	10.06	23.3	83.8	10.53	23.6	86.0	10.76	23.6
		570	66.0	7.38	21.8	72.8	8.70	22.0	78.2	9.69	22.2	83.8	10.15	22.4	86.0	10.34	22.4
	25	190	66.0	9.68	30.7	72.8	11.40	31.4	78.2	12.70	31.9	83.8	13.33	32.3	86.0	13.58	32.5
		380	66.0	9.56	27.8	72.8	11.22	28.2	78.2	12.51	28.4	83.8	13.13	28.7	86.0	13.37	28.7
		570	66.0	9.23	26.9	72.8	10.88	27.1	78.2	12.10	27.3	83.8	12.73	27.4	86.0	12.96	27.5
	30	190	66.0	11.63	35.9	72.8	13.71	36.5	78.2	15.27	37.1	83.8	16.03	37.5	86.0	16.34	37.7
		380	66.0	11.46	32.9	72.8	13.49	33.3	78.2	15.02	33.5	83.8	15.75	33.8	86.0	16.03	33.8
		570	66.0	11.12	31.9	72.8	13.12	32.2	78.2	14.60	32.3	83.8	15.31	32.5	86.0	15.61	32.6
	35	190	66.0	12.73	40.9	72.8	15.03	41.6	78.2	16.74	42.2	83.8	17.53	42.6	86.0	17.88	42.8
		380	66.0	12.41	38.0	72.8	14.62	38.3	78.2	16.32	38.6	83.8	17.07	38.8	86.0	17.41	38.9
		570	66.0	12.10	37.0	72.8	14.23	37.2	78.2	15.86	37.4	83.8	16.63	37.5	86.0	16.95	37.6
	40	190	58.5	14.11	45.5	64.7	16.64	46.1	69.4	18.55	46.6	74.6	19.44	47.1	76.4	19.83	47.3
		380	59.0	13.78	42.7	65.2	16.20	43.1	70.1	18.05	43.3	75.2	18.92	43.6	77.1	19.31	43.6
		570	59.9	13.39	41.8	66.2	15.79	42.1	71.0	17.59	42.2	76.3	18.43	42.4	78.3	18.78	42.4
	45	190	52.6	15.37	50.1	58.1	18.09	50.7	62.3	20.16	51.2	66.9	21.17	51.6	68.7	21.56	51.8
		380	53.0	14.99	47.6	58.6	17.65	47.9	62.9	19.66	48.1	67.5	20.63	48.3	69.2	21.00	48.4
		570	53.8	14.60	46.7	59.4	17.20	46.9	63.9	19.14	47.1	68.5	20.08	47.2	70.1	20.43	47.3
60	10	190	56.6	3.98	14.6	62.4	4.68	15.1	67.0	5.22	15.4	72.0	5.47	15.8	73.8	5.58	16.0
		380	56.6	3.87	12.3	62.4	4.55	12.5	67.0	5.08	12.7	72.0	5.34	12.9	73.8	5.43	13.0
		570	56.6	3.79	11.5	62.4	4.47	11.7	67.0	4.98	11.8	72.0	5.21	11.9	73.8	5.32	12.0
	15	190	56.6	5.31	19.7	62.4	6.25	20.2	67.0	6.96	20.6	72.0	7.30	21.0	73.8	7.46	21.1
		380	56.6	5.17	17.3	62.4	6.09	17.6	67.0	6.79	17.8	72.0	7.11	18.0	73.8	7.25	18.1
		570	56.6	5.06	16.6	62.4	5.97	16.7	67.0	6.64	16.9	72.0	6.96	17.0	73.8	7.10	17.0
	20	190	56.6	6.39	24.8	62.4	7.53	25.3	67.0	8.39	25.7	72.0	8.80	26.1	73.8	8.98	26.2
		380	56.6	6.24	22.4	62.4	7.33	22.6	67.0	8.16	22.8	72.0	8.58	23.0	73.8	8.74	23.1
		570	56.6	6.09	21.6	62.4	7.19	21.7	67.0	7.99	21.9	72.0	8.39	22.0	73.8	8.55	22.1
	25	190	56.6	7.97	29.9	62.4	9.38	30.4	67.0	10.46	30.8	72.0	10.96	31.3	73.8	11.17	31.4
		380	56.6	7.81	27.4	62.4	9.19	27.7	67.0	10.22	27.9	72.0	10.73	28.1	73.8	10.93	28.2
		570	56.6	7.56	26.6	62.4	8.91	26.8	67.0	9.92	26.9	72.0	10.40	27.1	73.8	10.58	27.1
	30	190	56.6	9.51	35.0	62.4	11.19	35.6	67.0	12.50	36.0	72.0	13.07	36.4	73.8	13.34	36.6
		380	56.6	9.32	32.5	62.4	10.98	32.8	67.0	12.23	33.0	72.0	12.81	33.2	73.8	13.08	33.3
		570	56.6	9.09	31.7	62.4	10.69	31.8	67.0	11.90	32.0	72.0	12.50	32.1	73.8	12.72	32.2
	35	190	56.6	10.32	40.0	62.4	12.14	40.6	67.0	13.54	41.1	72.0	14.20	41.5	73.8	14.48	41.7
		380	56.6	10.24	37.5	62.4	12.05	37.8	67.0	13.44	38.0	72.0	14.10	38.2	73.8	14.33	38.3
		570	56.6	9.89	36.7	62.4	11.67	36.9	67.0	12.98	37.0	72.0	13.64	37.2	73.8	13.90	37.2
	40	190	50.1	11.45	44.6	55.4	13.46	45.2	59.5	14.99	45.6	64.0	15.74	46.0	65.6	16.05	46.2
		380	50.7	11.32	42.3	55.9	13.33	42.6	60.1	14.88	42.8	64.3	15.58	43.0	66.1	15.90	43.1
		570	51.4	10.98	41.6	56.7	12.91	41.7	60.9	14.41	41.9	65.4	15.09	42.0	67.0	15.40	42.1
	45	190	45.0	12.44	49.3	49.8	14.66	49.9	53.5	16.30	50.3	57.4	17.12	50.6	58.8	17.44	50.7
		380	45.5	12.32	47.2	50.2	14.51	47.4	54.0	16.19	47.6	57.8	16.97	47.8	59.4	17.30	47.9
		570	46.1	11.93	46.5	50.8	14.07	46.6	54.7	15.68	46.8	58.7	16.41	46.9	60.1	16.75	46.9
50	10	190	47.0	3.03	13.8	52.0	3.57	14.2	55.8	3.99	14.5	60.0	4.17	14.8	61.4	4.25	15.0
		380	47.0	2.98	11.9	52.0	3.51	12.1	55.8	3.92	12.3	60.0	4.11	12.4	61.4	4.18	12.5
		570	47.0	2.92	11.3	52.0	3.44	11.4	55.8	3.84	11.5	60.0	4.02	11.6	61.4	4.11	11.6
	15	190	47.0	4.05	18.9	52.0	4.78	19.3	55.8	5.32	19.6	60.0	5.57	19.9	61.4	5.69	20.1
		380	47.0	3.99	16.9	52.0	4.68	17.1	55.8	5.22	17.3	60.0	5.48	17.5	61.4	5.58	17.5
		570	47.0	3.91	16.3	52.0	4.60	16.4	55.8	5.13	16.5	60.0	5.38	16.6	61.4	5.47	16.7
	20	190	47.0	4.89	23.9	52.0	5.74	24.4	55.8	6.41	24.7	60.0	6.72	25.0	61.4	6.84	25.1
		380	47.0	4.79	22.0	52.0	5.64	22.2	55.8	6.29	22.3	60.0	6.61	22.5	61.4	6.74	22.6
		570	47.0	4.71	21.3	52.0	5.54	21.4	55.8	6.18	21.6	60.0	6.49	21.7	61.4	6.60	21.7
	25	190	47.0	6.12	29.0	52.0	7.21	29.5	55.8	8.02	29.8	60.0	8.43	30.2	61.4	8.57	30.3
		380	47.0	5.94	27.0	52.0	7.00	27.2	55.8	7.78	27.4	60.0	8.17	27.6	61.4	8.33	27.6
		570	47.0	5.89	26.3	52.0	6.92	26.5	55.8	7.72	26.6	60.0	8.08	26.7	61.4	8.23	26.8
	30	190	47.0	7.37	34.1	52.0	8.70	34.6	55.8	9.69	34.9	60.0	10.16	35.3	61.4	10.35	35.4
		380	47.0	7.18	32.0	52.0	8.44	32.3	55.8	9.40	32.5	60.0	9.86	32.6	61.4	10.04	32.7
		570	47.0	7.03	31.4	52.0	8.29	31.5	55.8	9.24	31.6	60.0	9.68	31.8	61.4	9.86	31.8
	35	190	47.0	8.02	39.2	52.0	9.42	39.6	55.8	10.51	40.0	60.0	11.02	40.4	61.4	11.22	40.5
		380	47.0	7.79	37.1	52.0	9.17	37.3	55.8	10.22	37.5	60.0	10.71	37.7	61.4	10.91	37.7
		570	47.0	7.57	36.4	52.0	8.93	36.5	55.8	9.95	36.7	60.0	10.42	36.8	61.4	10.61	36.8
	40	190	41.8	8.87	43.8	46.2	10.44	44.3	49.7	11.65	44.6	53.3	12.21	44.9	54.6	12.43	45.1
		380	42.2	8.64	41.9	46.6	10.15	42.1	50.0	11.34	42.3	53.6	11.89	42.5	55.1	12.09	42.5
		570	42.8	8.40	41.3	47.3	9.88	41.4	50.8	11.01	41.6	54.5	11.55	41.7	55.8	11.77	41.7
	45	190	37.6	9.67	48.6	41.5	11.39	49.0	44.6	12.69	49.3	47.8	13.30	49.6	49.0	13.53	49.7
		380	37.9	9.40	46.8	41.9	11.06	47.0	45.0	12.33	47.2	48.1	12.93	47.3	49.5	13.20	47.4
		570	38.5	9.12	46.2	42.4	10.75	46.3	45.6	11.99	46.4	49.0	12.58	46.5	50.2	12.82	46.6

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	190	143.4	30.29	1.5	140.3	29.18	1.6	134.1	28.35	2.0	126.2	26.46	2.5	121.1	24.21	2.7
		380	146.4	29.26	5.6	142.5	28.71	5.7	136.8	27.96	5.9	128.9	25.94	6.1	123.6	23.85	6.2
		570	154.7	29.56	6.9	151.9	28.84	6.9	146.0	27.69	7.0	137.7	25.85	7.2	131.9	24.18	7.3
	15	190	158.3	26.86	5.1	154.1	25.62	5.3	147.9	24.82	5.7	138.6	23.11	6.3	133.2	21.22	6.6
		380	162.4	25.06	9.8	158.5	24.90	10.0	152.8	24.47	10.2	143.7	22.50	10.4	136.9	20.63	10.6
		570	161.5	26.11	11.6	159.5	25.68	11.6	155.6	24.55	11.7	145.7	22.63	11.9	139.8	21.74	12.0
	20	190	162.5	25.50	9.7	159.5	24.40	9.8	153.4	23.44	10.2	144.3	21.38	10.7	137.6	20.34	11.2
		380	165.5	24.08	14.7	163.9	24.04	14.7	158.2	23.25	14.9	148.9	21.88	15.2	142.8	20.97	15.4
		570	165.2	24.32	16.5	163.2	23.88	16.5	161.3	23.61	16.5	150.7	22.08	16.8	144.1	21.26	16.9
	25	190	168.5	23.67	14.1	163.5	23.32	14.4	160.1	22.77	14.6	151.3	21.47	15.2	145.5	20.33	15.6
		380	166.2	23.02	19.6	163.2	23.39	19.7	160.3	22.62	19.8	151.7	21.42	20.1	145.6	20.25	20.3
		570	164.4	22.87	21.4	163.4	22.35	21.5	160.2	22.40	21.5	151.7	21.23	21.7	145.8	19.37	21.8
	30	190	164.8	21.29	19.2	163.2	21.48	19.3	160.1	21.63	19.6	151.7	19.93	20.1	145.5	19.18	20.5
		380	164.9	20.77	24.6	163.4	21.55	24.7	160.2	21.20	24.8	151.4	19.94	25.0	145.9	18.27	25.2
		570	164.9	20.60	26.4	163.2	20.33	26.4	160.4	20.74	26.5	151.7	19.12	26.7	145.5	18.67	26.8
	35	190	165.0	20.01	24.1	163.4	20.68	24.2	160.4	21.42	24.5	151.5	19.53	25.0	145.7	18.02	25.4
		380	165.0	20.05	29.5	163.6	20.97	29.6	160.3	21.11	29.7	151.6	19.65	30.0	145.6	17.97	30.2
		570	165.3	19.72	31.3	163.2	20.26	31.4	160.3	20.60	31.5	151.4	18.76	31.7	145.6	17.21	31.8
	40	190	165.2	18.61	28.9	163.3	19.38	29.1	160.5	20.72	29.5	151.4	19.02	30.0	145.9	17.65	30.3
		380	165.1	18.68	34.5	163.2	19.64	34.6	160.4	20.12	34.7	151.4	18.81	35.0	145.5	17.34	35.2
		570	164.8	18.52	36.3	163.5	18.84	36.4	160.6	20.25	36.5	151.6	18.47	36.7	145.8	17.03	36.8
	45	190	164.9	16.43	33.8	163.3	17.21	34.0	160.2	19.27	34.4	151.4	17.75	34.9	145.8	16.52	35.2
		380	164.9	16.56	39.4	163.6	17.52	39.5	160.4	18.27	39.6	151.6	17.07	39.9	145.7	15.98	40.1
		570	165.0	16.63	41.3	163.4	16.58	41.3	160.4	19.16	41.4	151.4	17.28	41.6	145.7	16.25	41.7
120	10	190	136.8	30.05	2.0	133.6	29.06	2.1	127.6	28.19	2.5	120.0	26.06	2.9	114.7	23.86	3.1
		380	139.0	29.72	5.9	135.6	28.92	6.0	128.8	28.00	6.2	122.0	25.76	6.4	116.4	23.43	6.5
		570	147.0	29.22	7.0	142.2	28.46	7.1	137.6	27.69	7.2	129.9	25.58	7.4	124.2	23.38	7.5
	15	190	151.0	26.35	5.6	146.5	25.40	5.9	140.8	24.49	6.2	132.5	22.75	6.7	125.9	20.88	7.1
		380	153.3	25.88	10.2	150.3	25.36	10.3	144.0	24.44	10.5	135.5	22.51	10.7	128.6	20.36	10.9
		570	152.8	25.47	11.8	148.8	24.87	11.9	145.4	24.53	12.0	137.0	22.64	12.1	130.1	20.52	12.2
	20	190	153.6	24.44	10.3	150.2	23.46	10.4	144.2	22.38	10.8	135.9	20.73	11.3	128.9	19.71	11.8
		380	155.6	23.73	15.0	153.5	23.53	15.1	147.7	22.65	15.3	138.8	21.13	15.6	132.6	19.82	15.7
		570	154.9	23.69	16.7	150.9	23.14	16.8	149.6	22.81	16.8	140.4	21.32	17.0	133.5	20.18	17.2
	25	190	158.2	22.42	14.8	152.5	21.61	15.1	148.8	21.10	15.4	140.4	19.76	15.9	134.5	18.64	16.3
		380	156.3	21.74	19.9	152.6	21.67	20.1	148.5	21.22	20.2	140.4	19.65	20.4	134.7	18.58	20.6
		570	156.0	20.85	21.6	152.7	20.68	21.7	148.5	20.85	21.8	140.6	19.97	22.0	134.9	17.73	22.1
	30	190	155.9	19.68	19.7	152.5	19.80	20.0	148.5	19.71	20.3	140.2	17.92	20.8	134.6	17.17	21.1
		380	156.0	19.25	24.8	152.7	19.61	25.0	148.7	19.41	25.1	140.3	17.85	25.4	134.9	16.32	25.5
		570	155.8	18.57	26.5	152.7	18.58	26.6	148.7	18.89	26.7	140.4	17.61	26.9	134.8	16.71	27.0
	35	190	156.1	18.46	24.6	152.6	18.73	24.9	148.7	19.19	25.2	140.2	17.44	25.7	134.7	16.03	26.0
		380	155.9	18.06	29.8	152.3	18.66	30.0	148.9	18.51	30.1	140.5	17.10	30.3	134.7	15.65	30.5
		570	155.7	17.45	31.5	152.4	18.21	31.6	148.6	18.59	31.7	140.4	16.81	31.9	134.7	15.39	32.0
	40	190	156.0	17.12	29.5	152.5	17.25	29.8	148.5	18.13	30.2	140.5	16.53	30.6	134.6	15.28	31.0
		380	155.8	16.47	34.7	152.4	17.16	34.9	148.7	17.46	35.0	140.2	16.26	35.3	134.6	14.90	35.5
		570	156.1	16.44	36.5	152.5	16.49	36.6	148.8	17.63	36.7	140.6	15.96	36.9	134.9	14.66	37.0
	45	190	155.7	15.15	34.4	152.7	15.05	34.6	148.6	16.40	35.0	140.5	15.01	35.5	134.6	13.89	35.9
		380	156.0	14.20	39.7	152.7	14.84	39.8	148.8	15.76	40.0	140.3	14.66	40.3	134.8	13.60	40.4
		570	156.1	14.80	41.4	152.4	14.19	41.5	148.8	16.02	41.7	140.5	14.36	41.8	134.9	13.38	41.9
110	10	190	130.8	30.36	2.4	126.9	29.24	2.6	120.7	28.30	3.0	114.1	26.06	3.4	108.0	23.91	3.7
		380	132.4	29.86	6.1	128.1	28.90	6.3	121.8	27.96	6.5	115.5	25.79	6.6	109.3	23.44	6.8
		570	139.7	29.45	7.2	135.9	28.42	7.3	129.7	27.49	7.4	122.4	25.38	7.6	116.0	23.39	7.7
	15	190	144.2	26.52	6.1	139.1	25.65	6.4	133.0	24.64	6.8	125.7	22.75	7.2	118.8	20.87	7.6
		380	145.4	25.66	10.5	141.5	25.31	10.6	134.9	24.43	10.8	126.8	22.51	11.1	120.2	20.32	11.2
		570	145.1	25.56	12.0	141.1	24.90	12.1	135.9	24.07	12.2	127.6	22.15	12.3	120.8	20.55	12.5
	20	190	145.7	23.68	10.8	141.2	23.08	11.1	135.2	22.04	11.5	126.8	20.38	12.0	120.4	19.10	12.4
		380	146.7	23.18	15.3	142.6	22.76	15.5	136.7	21.92	15.7	128.8	20.46	15.9	121.6	18.88	16.1
		570	146.8	23.44	16.9	142.5	22.63	17.0	138.2	22.09	17.1	129.7	20.14	17.2	122.9	19.14	17.4
	25	190	148.1	20.88	15.4	142.3	20.27	15.8	137.6	19.87	16.1	129.6	18.36	16.6	123.2	16.97	17.0
		380	147.0	20.49	20.2	142.4	20.16	20.4	137.5	19.73	20.6	129.7	18.25	20.8	123.3	16.84	21.0
		570	146.9	20.79	21.8	142.6	20.18	21.9	137.6	19.39	22.0	129.7	18.56	22.2	123.4	16.07	22.3
	30	190	146.8	17.57	20.2	142.3	17.87	20.6	137.5	17.52	20.9	129.7	16.24	21.4	123.2	14.88	21.8
		380	146.8	17.45	25.1	142.3	17.73	25.3	137.8	17.20	25.5	129.6	16.09	25.7	123.2	14.33	25.9
		570	146.7	17.46	26.7	142.3	16.90	26.8	137.7	16.72	27.0	129.7	15.42	27.1	123.1	14.67	27.3
	35	190	147.1	16.35	25.1	142.5	16.37	25.5	137.5	16.62	25.9	129.8	14.99	26.3	123.3	13.67	26.7
		380	147.1	16.31	30.1	142.4	16.68	30.3	137.4	16.23	30.4	129.7	14.98	30.7	123.3	13.57	30.9
		570	146.9	15.42	31.7	142.2	15.89	31.8	137.6	15.79	31.9	129.8	14.72	32.1	123.1	13.34	32.2
	40	190	147.1	14.78	30.0	142.2	15.26	30.4	137.7	15.55	30.8	129.5	14.06	31.3	123.2	12.88	31.7
		380	146.8	14.77	35.0	142.4	15.16	35.2	137.5	14.86	35.4	129.5	14.09	35.6	123.4	12.84	35.8
		570	146.8	14.69	36.7	142.4	14.37	36.8	137.5	14.99	36.9	129.5	13.28	37.1	123.2	12.09	37.2
	45	190	147.1	12.68	34.9	142.3	13.37	35.3	137.7	13.91	35.7	129.6	12.63	36.2	123.2	11.56	36.6
		380	146.9	12.64	39.9	142.6	13.02	40.1	137.5	12.87	40.3	129.7	12.54	40.6	123.3	11.57	40.8
		570	146.8	13.46	41.6	142.5	12.28	41.7	137.6	13.66	41.9	129.6	11.28	42.0	123.3	10.35	42.2

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2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	190	125.2	30.56	2.9	120.0	29.68	3.2	114.2	28.44	3.5	107.8	26.24	3.8	101.5	23.67	4.1
		380	126.0	30.33	6.4	120.5	29.41	6.6	114.5	28.17	6.7	108.4	25.93	6.9	102.0	23.42	7.0
		570	133.3	29.80	7.4	127.7	28.92	7.5	121.4	27.67	7.6	114.8	25.51	7.8	107.9	23.06	7.9
	15	190	138.0	26.71	6.6	132.0	25.94	7.0	126.0	24.81	7.4	118.8	22.90	7.8	111.6	20.69	8.1
		380	138.0	26.49	10.8	132.0	25.71	11.0	126.0	24.62	11.2	118.8	22.65	11.4	111.6	20.47	11.6
		570	138.0	25.99	12.2	132.0	25.29	12.3	126.0	24.19	12.4	118.8	22.28	12.6	111.6	20.16	12.7
	20	190	138.0	23.54	11.4	132.0	22.85	11.8	126.0	21.85	12.1	118.8	20.15	12.6	111.6	18.22	13.0
		380	138.0	23.33	15.7	132.0	22.64	15.9	126.0	21.72	16.1	118.8	19.96	16.3	111.6	18.02	16.5
		570	138.0	22.91	17.1	132.0	22.24	17.2	126.0	21.30	17.4	118.8	19.60	17.5	111.6	17.72	17.6
	25	190	138.0	19.99	16.1	132.0	19.40	16.5	126.0	18.52	16.9	118.8	17.10	17.3	111.6	15.44	17.7
		380	138.0	19.74	20.5	132.0	19.18	20.7	126.0	18.36	20.9	118.8	16.92	21.2	111.6	15.28	21.4
		570	138.0	19.41	22.0	132.0	18.86	22.2	126.0	18.04	22.3	118.8	16.67	22.4	111.6	15.03	22.6
	30	190	138.0	16.70	20.8	132.0	16.23	21.3	126.0	15.50	21.7	118.8	14.29	22.1	111.6	12.93	22.6
		380	138.0	16.55	25.4	132.0	16.08	25.6	126.0	15.37	25.8	118.8	14.16	26.1	111.6	12.79	26.3
		570	138.0	16.25	26.9	132.0	15.79	27.1	126.0	15.12	27.2	118.8	13.95	27.4	111.6	12.57	27.5
	35	190	138.0	15.17	25.7	132.0	14.75	26.2	126.0	14.09	26.6	118.8	13.00	27.0	111.6	11.73	27.5
		380	138.0	15.03	30.4	132.0	14.58	30.6	126.0	13.97	30.8	118.8	12.89	31.0	111.6	11.64	31.2
		570	138.0	14.78	31.9	132.0	14.35	32.0	126.0	13.72	32.2	118.8	12.67	32.3	111.6	11.43	32.5
	40	190	138.0	13.65	30.6	132.0	13.27	31.0	126.0	12.67	31.5	118.8	11.68	31.9	111.6	10.57	32.4
		380	138.0	13.52	35.3	132.0	13.14	35.5	126.0	12.57	35.7	118.8	11.60	36.0	111.6	10.46	36.2
		570	138.0	13.29	36.9	132.0	12.92	37.0	126.0	12.33	37.1	118.8	11.38	37.3	111.6	10.27	37.5
	45	190	138.0	11.61	35.5	132.0	11.24	35.9	126.0	10.75	36.3	118.8	9.94	36.8	111.6	8.97	37.3
		380	138.0	11.48	40.2	132.0	11.14	40.4	126.0	10.65	40.6	118.8	9.84	40.9	111.6	8.88	41.1
		570	138.0	11.29	41.8	132.0	10.94	42.0	126.0	10.49	42.1	118.8	9.66	42.3	111.6	8.74	42.4
90	10	190	112.9	28.94	3.7	107.8	28.11	4.0	102.6	26.87	4.3	97.3	24.84	4.5	91.2	22.39	4.8
		380	113.5	28.58	6.8	108.2	27.74	7.0	103.3	26.54	7.1	97.7	24.53	7.2	91.8	22.13	7.4
		570	119.9	28.27	7.7	114.9	27.46	7.8	109.2	26.26	7.9	103.3	24.24	8.0	97.1	21.89	8.1
	15	190	124.2	25.31	7.5	118.8	24.60	7.9	113.2	23.49	8.2	107.0	21.68	8.6	100.6	19.61	8.9
		380	124.2	24.99	11.3	118.8	24.23	11.4	113.2	23.19	11.6	107.0	21.42	11.8	100.6	19.33	11.9
		570	124.2	24.68	12.5	118.8	23.96	12.6	113.2	22.94	12.7	107.0	21.17	12.8	100.6	19.11	13.0
	20	190	124.2	22.25	12.3	118.8	21.64	12.7	113.2	20.70	13.0	107.0	19.10	13.4	100.6	17.23	13.7
		380	124.2	22.01	16.1	118.8	21.34	16.3	113.2	20.41	16.5	107.0	18.84	16.7	100.6	17.03	16.8
		570	124.2	21.72	17.4	118.8	21.10	17.5	113.2	20.19	17.7	107.0	18.62	17.8	100.6	16.83	17.9
	25	190	124.2	18.99	17.1	118.8	18.43	17.4	113.2	17.62	17.8	107.0	16.26	18.2	100.6	14.67	18.5
		380	124.2	18.77	21.0	118.8	18.19	21.2	113.2	17.40	21.4	107.0	16.05	21.6	100.6	14.49	21.8
		570	124.2	18.37	22.3	118.8	17.82	22.5	113.2	17.07	22.6	107.0	15.75	22.7	100.6	14.22	22.8
	30	190	124.2	15.84	21.8	118.8	15.38	22.2	113.2	14.72	22.6	107.0	13.58	23.0	100.6	12.26	23.3
		380	124.2	15.65	25.9	118.8	15.19	26.1	113.2	14.52	26.3	107.0	13.40	26.5	100.6	12.10	26.7
		570	124.2	15.48	27.3	118.8	15.00	27.4	113.2	14.38	27.5	107.0	13.26	27.6	100.6	11.98	27.8
	35	190	124.2	14.35	26.7	118.8	13.93	27.1	113.2	13.32	27.5	107.0	12.32	27.9	100.6	11.11	28.2
		380	124.2	14.18	30.9	118.8	13.77	31.0	113.2	13.17	31.2	107.0	12.18	31.4	100.6	10.99	31.6
		570	124.2	14.02	32.2	118.8	13.61	32.4	113.2	13.03	32.5	107.0	12.04	32.6	100.6	10.86	32.7
	40	190	124.2	12.93	31.6	118.8	12.54	32.0	113.2	11.99	32.4	107.0	11.06	32.8	100.6	9.99	33.2
		380	124.2	12.80	35.8	118.8	12.41	36.0	113.2	11.87	36.2	107.0	10.95	36.4	100.6	9.89	36.6
		570	124.2	12.62	37.2	118.8	12.26	37.3	113.2	11.73	37.4	107.0	10.81	37.6	100.6	9.78	37.7
	45	190	124.2	10.97	36.5	118.8	10.64	36.8	113.2	10.19	37.2	107.0	9.40	37.6	100.6	8.48	38.1
		380	124.2	10.86	40.7	118.8	10.52	40.9	113.2	10.09	41.1	107.0	9.31	41.3	100.6	8.40	41.5
		570	124.2	10.73	42.1	118.8	10.40	42.3	113.2	9.96	42.4	107.0	9.18	42.5	100.6	8.31	42.7
80	10	190	100.4	25.76	4.4	95.8	24.98	4.7	91.2	23.89	4.9	86.3	22.08	5.2	81.0	19.94	5.4
		380	100.7	25.45	7.2	96.4	24.77	7.3	91.6	23.63	7.4	86.8	21.85	7.6	81.5	19.73	7.7
		570	106.8	25.25	7.9	102.1	24.50	8.0	97.2	23.49	8.1	91.9	21.64	8.2	86.3	19.58	8.3
	15	190	110.2	22.48	8.4	105.6	21.84	8.7	100.6	20.90	9.0	94.8	19.26	9.3	89.4	17.38	9.6
		380	110.2	22.26	11.7	105.6	21.62	11.8	100.6	20.71	12.0	94.8	19.08	12.1	89.4	17.26	12.3
		570	110.2	22.08	12.8	105.6	21.43	12.9	100.6	20.51	13.0	94.8	18.94	13.1	89.4	17.06	13.2
	20	190	110.2	19.77	13.2	105.6	19.22	13.5	100.6	18.37	13.8	94.8	16.96	14.1	89.4	15.30	14.4
		380	110.2	19.62	16.6	105.6	19.02	16.7	100.6	18.23	16.9	94.8	16.77	17.1	89.4	15.18	17.2
		570	110.2	19.42	17.7	105.6	18.86	17.8	100.6	18.08	17.9	94.8	16.65	18.0	89.4	15.05	18.1
	25	190	110.2	16.99	18.0	105.6	16.47	18.3	100.6	15.77	18.6	94.8	14.55	18.9	89.4	13.14	19.2
		380	110.2	16.71	21.5	105.6	16.23	21.6	100.6	15.52	21.8	94.8	14.34	22.0	89.4	12.94	22.1
		570	110.2	16.40	22.6	105.6	15.96	22.7	100.6	15.28	22.9	94.8	14.09	23.0	89.4	12.70	23.1
	30	190	110.2	14.06	22.7	105.6	13.65	23.1	100.6	13.06	23.4	94.8	12.05	23.8	89.4	10.90	24.1
		380	110.2	14.01	26.4	105.6	13.59	26.5	100.6	13.00	26.7	94.8	11.99	26.9	89.4	10.83	27.0
		570	110.2	13.78	27.6	105.6	13.37	27.7	100.6	12.78	27.8	94.8	11.78	27.9	89.4	10.65	28.0
	35	190	110.2	12.83	27.7	105.6	12.47	28.0	100.6	11.93	28.3	94.8	10.99	28.7	89.4	9.93	29.0
		380	110.2	12.78	31.3	105.6	12.38	31.5	100.6	11.85	31.7	94.8	10.94	31.8	89.4	9.87	32.0
		570	110.2	12.46	32.5	105.6	12.11	32.6	100.6	11.58	32.8	94.8	10.69	32.9	89.4	9.66	33.0
	40	190	110.2	11.55	32.6	105.6	11.21	32.9	100.6	10.73	33.2	94.8	9.90	33.6	89.4	8.94	33.9
		380	110.2	11.48	36.3	105.6	11.16	36.4	100.6	10.66	36.6	94.8	9.82	36.8	89.4	8.89	37.0
		570	110.2	11.23	37.5	105.6	10.90	37.6	100.6	10.41	37.7	94.8	9.60	37.9	89.4	8.67	38.0
	45	190	110.2	9.79	37.4	105.6	9.52	37.8	100.6	9.11	38.1	94.8	8.41	38.5	89.4	7.59	38.8
		380	110.2	9.75	41.2	105.6	9.47	41.4	100.6	9.04	41.5	94.8	8.34	41.7	89.4	7.54	41.9
		570	110.2	9.53	42.5	105.6	9.24	42.6	100.6	8.84	42.7	94.8	8.17	42.8	89.4	7.37	42.9

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	190	87.7	21.30	5.0	84.0	20.68	5.2	80.0	19.82	5.5	75.6	18.29	5.7	71.0	16.48	5.9
		380	88.1	21.21	7.5	84.4	20.63	7.6	80.2	19.73	7.7	76.0	18.18	7.8	71.4	16.42	7.9
		570	93.4	20.75	8.2	89.3	20.15	8.3	85.1	19.30	8.3	80.5	17.76	8.4	75.6	16.08	8.5
	15	190	96.6	18.66	9.1	92.4	18.11	9.4	88.0	17.33	9.7	83.2	15.97	9.9	78.2	14.42	10.2
		380	96.6	18.56	12.1	92.4	18.02	12.2	88.0	17.24	12.3	83.2	15.88	12.5	78.2	14.38	12.6
		570	96.6	18.15	13.0	92.4	17.62	13.1	88.0	16.83	13.2	83.2	15.52	13.3	78.2	14.03	13.4
	20	190	96.6	16.39	13.9	92.4	15.92	14.2	88.0	15.25	14.5	83.2	14.07	14.8	78.2	12.70	15.1
		380	96.6	16.33	17.0	92.4	15.84	17.1	88.0	15.15	17.3	83.2	14.00	17.4	78.2	12.64	17.5
		570	96.6	15.96	18.0	92.4	15.52	18.1	88.0	14.83	18.2	83.2	13.66	18.3	78.2	12.36	18.3
	25	190	96.6	13.99	18.8	92.4	13.56	19.1	88.0	12.99	19.3	83.2	11.98	19.6	78.2	10.83	19.9
		380	96.6	13.84	21.9	92.4	13.46	22.0	88.0	12.86	22.2	83.2	11.87	22.3	78.2	10.71	22.5
		570	96.6	13.59	22.9	92.4	13.19	23.0	88.0	12.64	23.1	83.2	11.66	23.2	78.2	10.53	23.3
	30	190	96.6	11.70	23.6	92.4	11.36	23.9	88.0	10.84	24.2	83.2	9.99	24.5	78.2	9.04	24.8
		380	96.6	11.58	26.8	92.4	11.25	26.9	88.0	10.75	27.1	83.2	9.93	27.2	78.2	8.96	27.4
		570	96.6	11.41	27.9	92.4	11.08	28.0	88.0	10.59	28.1	83.2	9.78	28.2	78.2	8.83	28.3
	35	190	96.6	10.69	28.5	92.4	10.39	28.8	88.0	9.92	29.1	83.2	9.16	29.4	78.2	8.27	29.7
		380	96.6	10.49	31.8	92.4	10.20	31.9	88.0	9.73	32.0	83.2	9.00	32.2	78.2	8.12	32.4
		570	96.6	10.38	32.8	92.4	10.08	32.9	88.0	9.63	33.0	83.2	8.89	33.1	78.2	8.02	33.2
	40	190	96.6	9.63	33.4	92.4	9.34	33.7	88.0	8.94	34.0	83.2	8.25	34.3	78.2	7.45	34.7
		380	96.6	9.44	36.7	92.4	9.16	36.9	88.0	8.78	37.0	83.2	8.08	37.2	78.2	7.32	37.3
		570	96.6	9.34	37.8	92.4	9.07	37.9	88.0	8.67	38.0	83.2	7.99	38.1	78.2	7.22	38.2
	45	190	96.6	8.17	38.3	92.4	7.93	38.6	88.0	7.59	38.9	83.2	6.99	39.3	78.2	6.33	39.6
		380	96.6	8.03	41.7	92.4	7.79	41.8	88.0	7.44	42.0	83.2	6.87	42.1	78.2	6.21	42.3
		570	96.6	7.93	42.8	92.4	7.68	42.9	88.0	7.36	43.0	83.2	6.79	43.1	78.2	6.13	43.2
60	10	190	75.2	17.62	5.7	71.9	17.11	5.9	68.5	16.37	6.1	64.8	15.08	6.2	60.9	13.63	6.4
		380	75.5	17.27	7.8	72.2	16.77	7.9	68.9	16.06	8.0	65.1	14.81	8.1	61.1	13.38	8.2
		570	80.0	17.15	8.4	76.6	16.66	8.5	72.8	15.94	8.6	68.9	14.68	8.6	64.8	13.25	8.7
	15	190	82.8	15.38	9.9	79.2	14.94	10.2	75.4	14.31	10.4	71.4	13.17	10.6	67.0	11.92	10.8
		380	82.8	15.10	12.4	79.2	14.65	12.6	75.4	14.03	12.7	71.4	12.94	12.8	67.0	11.68	12.9
		570	82.8	15.00	13.3	79.2	14.56	13.4	75.4	13.91	13.5	71.4	12.83	13.5	67.0	11.59	13.6
	20	190	82.8	13.55	14.8	79.2	13.16	15.0	75.4	12.60	15.3	71.4	11.59	15.5	67.0	10.50	15.7
		380	82.8	13.27	17.4	79.2	12.92	17.5	75.4	12.33	17.6	71.4	11.37	17.7	67.0	10.27	17.9
		570	82.8	13.19	18.2	79.2	12.79	18.3	75.4	12.24	18.4	71.4	11.29	18.5	67.0	10.20	18.6
	25	190	82.8	11.46	19.6	79.2	11.15	19.9	75.4	10.67	20.1	71.4	9.83	20.4	67.0	8.88	20.6
		380	82.8	11.33	22.3	79.2	11.00	22.4	75.4	10.50	22.6	71.4	9.70	22.7	67.0	8.76	22.8
		570	82.8	11.14	23.2	79.2	10.79	23.3	75.4	10.32	23.4	71.4	9.52	23.4	67.0	8.62	23.5
	30	190	82.8	9.54	24.5	79.2	9.28	24.7	75.4	8.87	25.0	71.4	8.19	25.2	67.0	7.38	25.5
		380	82.8	9.41	27.2	79.2	9.14	27.4	75.4	8.75	27.5	71.4	8.07	27.6	67.0	7.28	27.7
		570	82.8	9.32	28.2	79.2	9.05	28.2	75.4	8.65	28.3	71.4	7.97	28.4	67.0	7.20	28.5
	35	190	82.8	8.66	29.4	79.2	8.41	29.7	75.4	8.03	29.9	71.4	7.43	30.2	67.0	6.69	30.5
		380	82.8	8.66	32.2	79.2	8.38	32.3	75.4	8.03	32.5	71.4	7.40	32.6	67.0	6.69	32.7
		570	82.8	8.49	33.1	79.2	8.25	33.2	75.4	7.88	33.3	71.4	7.28	33.4	67.0	6.56	33.5
	40	190	82.8	7.79	34.3	79.2	7.55	34.6	75.4	7.23	34.9	71.4	6.68	35.1	67.0	6.03	35.4
		380	82.8	7.77	37.2	79.2	7.56	37.3	75.4	7.23	37.4	71.4	6.66	37.6	67.0	6.02	37.7
		570	82.8	7.62	38.1	79.2	7.42	38.2	75.4	7.08	38.3	71.4	6.55	38.4	67.0	5.91	38.5
	45	190	82.8	6.60	39.3	79.2	6.41	39.5	75.4	6.13	39.8	71.4	5.67	40.0	67.0	5.11	40.3
		380	82.8	6.60	42.1	79.2	6.42	42.3	75.4	6.14	42.4	71.4	5.65	42.5	67.0	5.11	42.7
		570	82.8	6.49	43.1	79.2	6.29	43.2	75.4	6.02	43.3	71.4	5.55	43.3	67.0	5.01	43.4
50	10	190	62.7	13.45	6.3	59.9	13.05	6.5	57.1	12.49	6.6	54.0	11.51	6.8	50.8	10.41	7.0
		380	62.9	13.31	8.1	60.2	12.94	8.2	57.3	12.37	8.3	54.1	11.39	8.4	50.9	10.31	8.5
		570	66.7	13.23	8.7	63.7	12.86	8.7	60.7	12.28	8.8	57.4	11.34	8.8	54.0	10.23	8.9
	15	190	69.0	11.76	10.7	66.0	11.39	10.9	62.8	10.92	11.1	59.4	10.06	11.3	55.8	9.10	11.5
		380	69.0	11.64	12.8	66.0	11.27	12.9	62.8	10.80	13.0	59.4	9.95	13.1	55.8	8.99	13.2
		570	69.0	11.56	13.6	66.0	11.23	13.6	62.8	10.73	13.7	59.4	9.91	13.8	55.8	8.95	13.8
	20	190	69.0	10.33	15.6	66.0	10.03	15.8	62.8	9.61	16.0	59.4	8.86	16.2	55.8	7.99	16.4
		380	69.0	10.23	17.8	66.0	9.95	17.9	62.8	9.51	18.0	59.4	8.76	18.1	55.8	7.93	18.2
		570	69.0	10.19	18.5	66.0	9.90	18.6	62.8	9.47	18.7	59.4	8.73	18.7	55.8	7.87	18.8
	25	190	69.0	8.81	20.5	66.0	8.55	20.7	62.8	8.18	20.9	59.4	7.54	21.1	55.8	6.82	21.3
		380	69.0	8.62	22.7	66.0	8.35	22.8	62.8	8.00	22.9	59.4	7.39	23.0	55.8	6.67	23.1
		570	69.0	8.66	23.5	66.0	8.40	23.6	62.8	8.05	23.6	59.4	7.42	23.7	55.8	6.69	23.8
	30	190	69.0	7.42	25.4	66.0	7.19	25.6	62.8	6.89	25.8	59.4	6.34	26.0	55.8	5.74	26.2
		380	69.0	7.26	27.7	66.0	7.04	27.8	62.8	6.73	27.9	59.4	6.21	28.0	55.8	5.62	28.1
		570	69.0	7.22	28.4	66.0	7.00	28.5	62.8	6.69	28.6	59.4	6.18	28.7	55.8	5.58	28.7
	35	190	69.0	6.73	30.3	66.0	6.54	30.5	62.8	6.24	30.7	59.4	5.76	31.0	55.8	5.21	31.2
		380	69.0	6.58	32.6	66.0	6.39	32.8	62.8	6.11	32.9	59.4	5.64	33.0	55.8	5.10	33.1
		570	69.0	6.49	33.4	66.0	6.30	33.5	62.8	6.03	33.6	59.4	5.57	33.6	55.8	5.02	33.7
	40	190	69.0	6.04	35.3	66.0	5.88	35.5	62.8	5.61	35.7	59.4	5.19	35.9	55.8	4.67	36.1
		380	69.0	5.92	37.6	66.0	5.75	37.7	62.8	5.50	37.8	59.4	5.07	38.0	55.8	4.59	38.1
		570	69.0	5.85	38.4	66.0	5.67	38.5	62.8	5.42	38.6	59.4	5.01	38.6	55.8	4.52	38.7
	45	190	69.0	5.14	40.2	66.0	4.98	40.4	62.8	4.77	40.6	59.4	4.40	40.9	55.8	3.98	41.1
		380	69.0	5.03	42.6	66.0	4.88	42.7	62.8	4.67	42.8	59.4	4.31	42.9	55.8	3.90	43.0
		570	69.0	4.96	43.4	66.0	4.82	43.5	62.8	4.60	43.5	59.4	4.26	43.6	55.8	3.84	43.7

1-17. AM420FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	200	117.7	8.46	19.0	129.5	10.05	20.0	139.2	11.02	20.8	149.3	11.72	21.5	152.9	11.83	21.8
		400	117.7	8.26	14.5	129.5	9.74	15.0	139.3	10.86	15.4	149.3	11.43	15.8	153.2	11.66	15.9
		600	117.7	8.16	13.0	129.3	9.60	13.3	139.4	10.54	13.6	149.2	11.09	13.8	153.3	11.39	13.9
	15	200	115.6	10.89	24.1	127.3	12.91	25.0	137.4	14.35	25.9	146.7	15.04	26.6	150.5	15.36	26.9
		400	115.6	10.72	19.5	127.3	12.64	20.0	137.3	14.10	20.4	146.8	14.81	20.8	150.6	15.14	20.9
		600	115.6	10.45	18.0	127.3	12.34	18.3	137.4	13.67	18.6	146.8	14.32	18.8	150.6	14.77	18.9
	20	200	114.0	13.00	29.1	125.7	15.22	30.1	135.7	16.98	30.9	144.6	17.82	31.6	148.6	18.18	32.0
		400	114.0	12.73	24.5	125.7	14.96	25.0	135.5	16.72	25.5	144.8	17.59	25.8	148.6	17.95	26.0
		600	114.0	12.30	23.0	125.6	14.52	23.3	135.4	16.25	23.6	144.6	16.93	23.9	148.5	17.45	24.0
	25	200	113.9	16.31	34.3	125.6	19.21	35.4	135.6	21.40	36.3	144.6	22.45	37.0	148.6	22.87	37.3
		400	113.9	16.08	29.7	125.7	18.91	30.2	135.7	21.00	30.6	144.6	22.17	31.0	148.6	22.53	31.1
		600	114.0	15.52	28.1	125.8	18.34	28.4	135.6	20.44	28.7	144.7	21.46	29.0	148.7	22.03	29.1
	30	200	114.0	19.14	39.5	125.6	22.51	40.6	135.6	25.10	41.5	144.7	26.30	42.3	148.6	26.82	42.6
		400	114.1	18.81	34.8	125.7	22.15	35.3	135.6	24.71	35.7	144.7	25.94	36.1	148.8	26.46	36.3
		600	114.0	18.21	33.2	125.7	21.43	33.5	135.6	23.91	33.8	144.8	25.08	34.1	148.7	25.77	34.2
	35	200	107.8	19.90	44.2	119.1	23.45	45.2	128.2	26.19	46.1	137.4	27.42	46.8	140.4	27.90	47.1
		400	107.8	19.52	39.6	119.1	23.03	40.1	128.2	25.66	40.5	137.5	27.04	40.9	140.4	27.60	41.0
		600	107.8	19.04	38.0	119.0	22.35	38.4	128.3	24.85	38.7	137.4	26.14	38.9	140.5	26.82	39.0
	40	200	90.0	20.76	47.9	99.1	24.44	48.9	106.8	27.19	49.6	114.4	28.55	50.2	117.6	29.14	50.5
		400	90.8	20.40	44.0	100.0	24.03	44.4	107.8	26.71	44.8	115.2	28.09	45.1	118.5	28.74	45.3
		600	92.2	19.78	42.7	101.4	23.22	43.0	109.3	25.97	43.2	117.1	27.24	43.4	120.3	28.03	43.5
	45	200	75.1	21.43	51.9	82.5	25.23	52.7	88.5	28.14	53.4	95.0	29.46	53.9	97.7	30.03	54.2
		400	75.8	21.07	48.5	83.0	24.82	48.9	89.4	27.63	49.2	95.7	29.12	49.5	98.2	29.71	49.6
		600	76.8	20.38	47.3	84.3	23.98	47.6	90.7	26.81	47.8	97.2	28.13	48.0	99.7	28.98	48.1
120	10	200	111.5	8.04	18.6	122.7	9.51	19.5	132.3	10.46	20.2	141.3	11.06	20.9	144.8	11.19	21.2
		400	111.5	7.91	14.3	122.7	9.33	14.7	132.3	10.28	15.1	141.3	10.82	15.5	144.9	11.04	15.6
		600	111.5	7.56	12.8	122.8	9.11	13.2	132.3	9.95	13.4	141.2	10.51	13.6	145.0	10.88	13.7
	15	200	110.2	10.45	23.6	121.0	12.31	24.6	130.6	13.75	25.3	139.8	14.39	26.1	143.3	14.64	26.3
		400	110.3	10.27	19.3	121.1	12.09	19.8	130.5	13.50	20.2	139.6	14.14	20.5	143.1	14.43	20.6
		600	110.2	9.94	17.9	121.1	11.80	18.2	130.7	13.06	18.4	139.7	13.71	18.7	143.2	14.14	18.8
	20	200	109.0	12.50	28.7	119.8	14.64	29.6	129.3	16.30	30.4	138.5	17.16	31.2	142.0	17.47	31.4
		400	109.0	12.20	24.3	119.7	14.36	24.8	129.3	16.08	25.2	138.5	16.90	25.6	141.9	17.18	25.7
		600	109.1	11.87	22.9	119.8	14.00	23.2	129.3	15.60	23.5	138.5	16.29	23.7	141.8	16.76	23.8
	25	200	109.0	15.66	33.9	119.7	18.41	34.9	129.3	20.47	35.7	138.4	21.53	36.5	141.9	21.93	36.7
		400	109.1	15.37	29.5	119.8	18.14	29.9	129.3	20.17	30.4	138.3	21.17	30.7	141.9	21.60	30.9
		600	109.0	14.84	28.0	119.9	17.55	28.3	129.4	19.61	28.6	138.4	20.53	28.8	141.9	21.03	28.9
	30	200	109.0	18.49	39.1	119.8	21.74	40.1	129.3	24.21	41.0	138.4	25.45	41.7	141.9	25.91	42.0
		400	109.0	18.16	34.6	119.8	21.35	35.1	129.4	23.90	35.5	138.4	25.02	35.9	141.8	25.52	36.0
		600	109.0	17.55	33.0	119.9	20.67	33.4	129.4	23.09	33.6	138.3	24.27	33.9	141.9	24.83	34.0
	35	200	104.8	19.46	43.9	115.4	22.98	44.9	124.8	25.66	45.8	133.0	26.82	46.5	136.5	27.35	46.7
		400	104.6	19.14	39.4	115.5	22.57	39.9	124.6	25.13	40.4	133.0	26.45	40.7	136.6	26.97	40.9
		600	104.6	18.59	37.9	115.4	21.90	38.3	124.7	24.34	38.6	132.9	25.54	38.8	136.4	26.22	38.9
	40	200	89.2	20.69	47.9	98.3	24.40	48.8	106.0	27.16	49.5	113.1	28.50	50.1	116.4	29.11	50.4
		400	90.1	20.36	44.0	99.2	23.99	44.4	106.8	26.67	44.8	114.0	28.04	45.1	117.4	28.63	45.2
		600	91.2	19.72	42.7	100.5	23.26	43.0	108.5	25.92	43.2	115.8	27.24	43.4	119.1	27.92	43.5
	45	200	75.9	21.74	52.0	84.1	25.61	52.9	90.5	28.62	53.5	96.6	29.93	54.1	99.1	30.57	54.3
		400	76.5	21.44	48.5	84.5	25.19	48.9	91.3	28.08	49.3	97.3	29.53	49.5	99.9	30.14	49.7
		600	77.6	20.66	47.3	85.8	24.48	47.6	92.7	27.24	47.9	98.8	28.65	48.0	101.2	29.25	48.1
110	10	200	105.2	7.52	18.1	115.5	9.00	18.9	124.7	9.86	19.6	133.4	10.47	20.3	136.4	10.55	20.5
		400	105.3	7.41	14.0	115.5	8.73	14.5	124.8	9.68	14.8	133.3	10.27	15.1	136.5	10.35	15.3
		600	105.4	7.19	12.7	115.5	8.51	13.0	124.7	9.50	13.2	133.3	9.92	13.4	136.5	10.19	13.5
	15	200	104.4	9.94	23.2	114.7	11.76	24.1	124.0	13.11	24.8	132.7	13.72	25.5	135.9	14.01	25.7
		400	104.3	9.79	19.1	114.7	11.51	19.5	124.0	12.88	19.9	132.7	13.54	20.2	135.9	13.75	20.4
		600	104.4	9.50	17.7	114.7	11.21	18.0	123.8	12.52	18.3	132.6	13.09	18.5	136.1	13.42	18.6
	20	200	103.9	12.01	28.3	114.4	14.05	29.2	123.5	15.68	30.0	131.8	16.44	30.6	135.2	16.76	30.9
		400	103.9	11.74	24.1	114.4	13.80	24.6	123.5	15.40	25.0	131.7	16.19	25.3	135.2	16.50	25.4
		600	103.9	11.40	22.8	114.3	13.41	23.1	123.3	14.99	23.3	131.8	15.68	23.5	135.2	16.01	23.6
	25	200	104.0	14.99	33.5	114.2	17.61	34.4	123.5	19.61	35.3	131.8	20.56	35.9	135.3	20.93	36.2
		400	103.9	14.76	29.3	114.3	17.35	29.7	123.4	19.28	30.1	131.7	20.25	30.4	135.2	20.60	30.6
		600	104.0	14.23	27.8	114.2	16.77	28.1	123.5	18.75	28.4	131.7	19.66	28.6	135.3	20.04	28.7
	30	200	104.0	17.82	38.7	114.3	20.95	39.7	123.5	23.35	40.5	131.7	24.51	41.2	135.3	24.96	41.5
		400	104.0	17.53	34.4	114.3	20.62	34.8	123.4	23.02	35.2	131.7	24.11	35.6	135.2	24.54	35.7
		600	104.0	16.94	32.9	114.2	19.98	33.2	123.4	22.28	33.5	131.8	23.35	33.7	135.2	23.90	33.8
	35	200	101.6	19.04	43.6	112.5	22.48	44.7	120.8	25.08	45.5	129.5	26.24	46.2	132.5	26.73	46.4
		400	101.6	18.71	39.3	112.3	22.06	39.8	120.6	24.59	40.2	129.3	25.84	40.6	132.6	26.34	40.7
		600	101.6	18.17	37.9	112.3	21.39	38.2	120.7	23.78	38.5	129.4	25.00	38.7	132.4	25.56	38.8
	40	200	88.4	20.71	47.8	97.5	24.40	48.7	104.8	27.10	49.5	112.4	28.46	50.1	115.7	29.05	50.4
		400	89.0	20.31	43.9	98.3	23.97	44.4	105.6	26.69	44.7	113.2	27.94	45.1	116.4	28.57	45.2
		600	90.5	19.70	42.6	99.6	23.21	42.9	107.1	25.87	43.2	114.9	27.20	43.4	118.1	27.75	43.5
	45	200	77.4	22.18	52.1	85.2	26.04	53.0	91.7	29.06	53.7	98.5	30.42	54.2	101.1	31.04	54.5
		400	78.1	21.72	48.6	85.8	25.61	49.0	92.5	28.55	49.3	99.2	30.04	49.6	101.8	30.58	49.7
		600	79.1	20.98	47.4	87.2	24.87	47.7	93.8	27.67	47.9	100.7	29.12	48.1	103.4	29.66	48.2

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	200	98.9	7.15	17.6	109.2	8.41	18.4	117.6	9.38	19.1	125.9	9.85	19.7	129.0	10.02	20.0
		400	98.9	7.03	13.8	109.2	8.27	14.2	117.6	9.22	14.5	125.9	9.67	14.9	129.0	9.85	15.0
		600	98.9	6.81	12.5	109.2	8.02	12.8	117.6	8.94	13.0	125.9	9.37	13.2	129.0	9.54	13.3
	15	200	98.9	9.54	22.8	109.2	11.24	23.6	117.6	12.52	24.3	125.9	13.13	25.0	129.0	13.37	25.2
		400	98.9	9.37	18.9	109.2	11.05	19.3	117.6	12.30	19.7	125.9	12.90	20.0	129.0	13.13	20.1
		600	98.9	9.09	17.6	109.2	10.71	17.9	117.6	11.94	18.1	125.9	12.51	18.3	129.0	12.75	18.4
	20	200	98.9	11.50	27.9	109.2	13.55	28.8	117.6	15.08	29.5	125.9	15.84	30.2	129.0	16.12	30.4
		400	98.9	11.29	23.9	109.2	13.31	24.4	117.6	14.81	24.7	125.9	15.55	25.1	129.0	15.86	25.2
		600	98.9	10.95	22.6	109.2	12.89	22.9	117.6	14.38	23.2	125.9	15.08	23.4	129.0	15.36	23.4
	25	200	98.9	14.32	33.1	109.2	16.85	34.0	117.6	18.80	34.8	125.9	19.71	35.4	129.0	20.10	35.7
		400	98.9	14.09	29.0	109.2	16.59	29.5	117.6	18.46	29.9	125.9	19.39	30.2	129.0	19.76	30.3
		600	98.9	13.65	27.7	109.2	16.07	28.0	117.6	17.93	28.2	125.9	18.79	28.5	129.0	19.13	28.5
	30	200	98.9	17.23	38.3	109.2	20.28	39.3	117.6	22.58	40.0	125.9	23.68	40.7	129.0	24.16	41.0
		400	98.9	16.91	34.1	109.2	19.93	34.6	117.6	22.28	35.0	125.9	23.28	35.3	129.0	23.72	35.5
		600	98.9	16.41	32.8	109.2	19.30	33.1	117.6	21.53	33.3	125.9	22.55	33.5	129.0	23.00	33.6
	35	200	98.9	18.69	43.4	109.2	22.03	44.4	117.6	24.57	45.2	125.9	25.76	45.9	129.0	26.24	46.1
		400	98.9	18.38	39.2	109.2	21.64	39.7	117.6	24.11	40.1	125.9	25.33	40.4	129.0	25.80	40.5
		600	98.9	17.83	37.8	109.2	20.98	38.1	117.6	23.38	38.4	125.9	24.52	38.6	129.0	24.98	38.7
	40	200	87.9	20.73	47.8	97.0	24.43	48.7	104.3	27.17	49.4	111.9	28.52	50.1	114.8	29.07	50.3
		400	88.6	20.38	43.9	97.9	24.00	44.4	105.1	26.72	44.7	112.7	28.03	45.0	115.6	28.57	45.2
		600	89.9	19.75	42.6	99.2	23.25	42.9	106.7	25.92	43.2	114.5	27.21	43.4	117.3	27.70	43.5
	45	200	78.9	22.58	52.3	87.1	26.54	53.1	93.6	29.61	53.8	100.4	31.04	54.4	103.0	31.61	54.7
		400	79.6	22.19	48.6	87.7	26.13	49.1	94.4	29.10	49.4	101.1	30.53	49.7	103.8	31.10	49.8
		600	80.7	21.49	47.4	89.1	25.34	47.7	95.8	28.21	48.0	102.8	29.60	48.2	105.3	30.13	48.2
90	10	200	89.0	6.76	16.9	98.2	7.97	17.6	105.6	8.87	18.2	113.1	9.31	18.8	116.2	9.49	19.0
		400	89.0	6.63	13.4	98.2	7.81	13.8	105.6	8.69	14.1	113.1	9.12	14.4	116.2	9.31	14.5
		600	89.0	6.46	12.3	98.2	7.62	12.5	105.6	8.48	12.7	113.1	8.90	12.9	116.2	9.07	13.0
	15	200	89.0	9.03	22.0	98.2	10.62	22.8	105.6	11.84	23.4	113.1	12.43	24.0	116.2	12.66	24.2
		400	89.0	8.86	18.5	98.2	10.43	18.9	105.6	11.61	19.2	113.1	12.18	19.5	116.2	12.42	19.6
		600	89.0	8.63	17.3	98.2	10.16	17.6	105.6	11.33	17.8	113.1	11.88	18.0	116.2	12.10	18.1
	20	200	89.0	10.88	27.2	98.2	12.82	28.0	105.6	14.28	28.6	113.1	14.99	29.2	116.2	15.25	29.4
		400	89.0	10.68	23.6	98.2	12.56	24.0	105.6	13.99	24.3	113.1	14.68	24.6	116.2	14.96	24.7
		600	89.0	10.40	22.4	98.2	12.24	22.6	105.6	13.64	22.8	113.1	14.31	23.0	116.2	14.59	23.1
	25	200	89.0	13.62	32.4	98.2	16.03	33.2	105.6	17.86	33.8	113.1	18.75	34.4	116.2	19.09	34.7
		400	89.0	13.37	28.7	98.2	15.73	29.1	105.6	17.52	29.4	113.1	18.40	29.7	116.2	18.75	29.8
		600	89.0	12.90	27.4	98.2	15.20	27.7	105.6	16.93	27.9	113.1	17.77	28.1	116.2	18.11	28.2
	30	200	89.0	16.32	37.5	98.2	19.23	38.4	105.6	21.40	39.1	113.1	22.46	39.7	116.2	22.88	40.0
		400	89.0	16.02	33.8	98.2	18.86	34.2	105.6	21.01	34.5	113.1	22.06	34.8	116.2	22.43	35.0
		600	89.0	15.60	32.5	98.2	18.38	32.8	105.6	20.48	33.0	113.1	21.48	33.2	116.2	21.87	33.3
	35	200	89.0	17.71	42.6	98.2	20.85	43.5	105.6	23.22	44.2	113.1	24.36	44.9	116.2	24.83	45.1
		400	89.0	17.37	38.8	98.2	20.46	39.3	105.6	22.80	39.6	113.1	23.93	39.9	116.2	24.36	40.0
		600	89.0	16.94	37.5	98.2	19.94	37.8	105.6	22.23	38.1	113.1	23.31	38.3	116.2	23.76	38.3
	40	200	79.1	19.62	47.1	87.3	23.10	47.9	93.7	25.73	48.6	100.7	27.00	49.1	103.2	27.49	49.4
		400	79.7	19.25	43.5	88.0	22.68	44.0	94.6	25.28	44.3	101.6	26.50	44.6	104.0	27.00	44.7
		600	80.9	18.78	42.4	89.2	22.11	42.7	96.0	24.61	42.9	102.9	25.84	43.1	105.5	26.32	43.1
	45	200	71.0	21.35	51.6	78.4	25.16	52.4	84.2	28.01	53.0	90.4	29.40	53.6	92.8	29.95	53.8
		400	71.6	20.94	48.3	79.1	24.70	48.7	85.0	27.52	49.0	91.1	28.85	49.3	93.3	29.39	49.4
		600	88.8	6.79	47.3	80.1	24.06	47.5	86.2	26.82	47.7	92.5	28.12	47.9	94.7	28.63	47.9
80	10	200	79.1	5.91	16.1	87.3	7.07	16.8	93.8	7.89	17.3	100.6	8.28	17.8	103.2	8.42	18.0
		400	79.1	5.73	13.0	87.3	6.96	13.4	93.8	7.75	13.6	100.6	8.14	13.9	103.2	8.29	14.0
		600	79.1	8.09	12.1	87.3	6.81	12.2	93.8	7.58	12.4	100.6	7.96	12.6	103.2	8.11	12.7
	15	200	79.1	7.89	21.2	87.3	9.46	21.9	93.8	10.53	22.5	100.6	11.04	23.0	103.2	11.25	23.2
		400	79.1	7.65	18.1	87.3	9.29	18.5	93.8	10.35	18.7	100.6	10.85	19.0	103.2	11.06	19.1
		600	79.1	9.76	17.1	87.3	9.08	17.3	93.8	10.11	17.5	100.6	10.61	17.7	103.2	10.82	17.7
	20	200	79.1	9.51	26.3	87.3	11.38	27.1	93.8	12.69	27.6	100.6	13.31	28.2	103.2	13.56	28.4
		400	79.1	9.21	23.2	87.3	11.19	23.5	93.8	12.48	23.8	100.6	13.08	24.1	103.2	13.33	24.2
		600	79.1	12.16	22.2	87.3	10.95	22.3	93.8	12.19	22.5	100.6	12.79	22.7	103.2	13.03	22.8
	25	200	79.1	11.96	31.5	87.3	14.33	32.3	93.8	15.98	32.9	100.6	16.76	33.4	103.2	17.07	33.6
		400	79.1	11.56	28.2	87.3	14.04	28.6	93.8	15.62	28.9	100.6	16.40	29.2	103.2	16.70	29.3
		600	79.1	14.54	27.2	87.3	13.59	27.4	93.8	15.15	27.6	100.6	15.88	27.8	103.2	16.18	27.9
	30	200	79.1	14.24	36.7	87.3	17.09	37.5	93.8	19.02	38.1	100.6	19.94	38.6	103.2	20.33	38.9
		400	79.1	13.87	33.3	87.3	16.87	33.7	93.8	18.79	34.0	100.6	19.71	34.3	103.2	20.09	34.4
		600	79.1	15.85	32.3	87.3	16.35	32.5	93.8	18.22	32.7	100.6	19.11	32.9	103.2	19.48	32.9
	35	200	79.1	15.57	41.8	87.3	18.63	42.6	93.8	20.76	43.2	100.6	21.77	43.8	103.2	22.19	44.0
		400	79.1	15.13	38.4	87.3	18.38	38.8	93.8	20.48	39.1	100.6	21.49	39.4	103.2	21.91	39.5
		600	70.4	17.48	37.1	87.3	17.70	37.5	93.8	19.72	37.7	100.6	20.70	37.9	103.2	21.08	38.0
	40	200	70.8	17.23	46.3	77.6	20.67	47.0	83.3	22.97	47.6	89.4	24.12	48.1	91.7	24.57	48.3
		400	71.9	16.77	43.2	78.2	20.38	43.5	84.0	22.70	43.8	90.1	23.83	44.1	92.6	24.25	44.2
		600	63.2	19.03	42.0	79.3	19.64	42.4	85.4	21.85	42.6	91.5	22.92	42.7	93.8	23.38	42.8
	45	200	63.7	18.75	50.9	69.7	22.46	51.6	74.8	25.02	52.2	80.4	26.26	52.6	82.4	26.77	52.8
		400	64.5	18.26	48.0	70.2	22.19	48.3	75.5	24.70	48.6	80.9	25.92	48.8	83.1	26.42	48.9
		600	71.2	5.71	46.8	71.2	21.35	47.2	76.6	23.81	47.4	82.2	24.95	47.6	84.3	25.41	47.6

1-17. AM420FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	200	69.3	4.98	15.3	76.4	5.86	15.9	82.0	6.54	16.3	88.0	6.86	16.8	90.3	6.99	17.0
		400	69.3	4.93	12.7	76.4	5.80	12.9	82.0	6.47	13.2	88.0	6.77	13.4	90.3	6.91	13.5
		600	69.3	4.74	11.8	76.4	5.58	12.0	82.0	6.22	12.1	88.0	6.53	12.3	90.3	6.66	12.3
	15	200	69.3	6.65	20.4	76.4	7.83	21.0	82.0	8.72	21.5	88.0	9.16	22.0	90.3	9.32	22.1
		400	69.3	6.58	17.7	76.4	7.74	18.0	82.0	8.63	18.2	88.0	9.04	18.5	90.3	9.22	18.6
		600	69.3	6.33	16.8	76.4	7.46	17.0	82.0	8.31	17.2	88.0	8.72	17.3	90.3	8.88	17.4
	20	200	69.3	8.02	25.5	76.4	9.44	26.2	82.0	10.52	26.6	88.0	11.03	27.1	90.3	11.23	27.3
		400	69.3	7.92	22.8	76.4	9.32	23.1	82.0	10.40	23.3	88.0	10.90	23.5	90.3	11.12	23.6
		600	69.3	7.63	21.8	76.4	9.00	22.0	82.0	10.03	22.2	88.0	10.50	22.4	90.3	10.70	22.4
	25	200	69.3	10.03	30.7	76.4	11.81	31.3	82.0	13.15	31.8	88.0	13.79	32.3	90.3	14.05	32.5
		400	69.3	9.87	27.8	76.4	11.62	28.2	82.0	12.95	28.4	88.0	13.59	28.6	90.3	13.83	28.7
		600	69.3	9.55	26.9	76.4	11.25	27.1	82.0	12.53	27.3	88.0	13.16	27.4	90.3	13.40	27.5
	30	200	69.3	12.03	35.8	76.4	14.18	36.5	82.0	15.80	37.0	88.0	16.57	37.5	90.3	16.88	37.7
		400	69.3	11.85	32.9	76.4	13.95	33.2	82.0	15.54	33.5	88.0	16.30	33.7	90.3	16.60	33.8
		600	69.3	11.51	31.9	76.4	13.55	32.1	82.0	15.09	32.3	88.0	15.83	32.5	90.3	16.15	32.5
	35	200	69.3	13.18	40.9	76.4	15.54	41.6	82.0	17.31	42.1	88.0	18.15	42.6	90.3	18.50	42.8
		400	69.3	12.85	37.9	76.4	15.13	38.3	82.0	16.87	38.5	88.0	17.68	38.8	90.3	18.02	38.9
		600	69.3	12.52	37.0	76.4	14.73	37.2	82.0	16.41	37.4	88.0	17.21	37.5	90.3	17.53	37.6
	40	200	61.5	14.61	45.5	67.9	17.21	46.1	72.9	19.17	46.6	78.3	20.11	47.1	80.2	20.50	47.2
		400	61.9	14.24	42.7	68.5	16.75	43.1	73.6	18.67	43.3	78.9	19.59	43.5	80.9	19.98	43.6
		600	62.9	13.85	41.8	69.5	16.33	42.1	74.6	18.20	42.2	80.1	19.06	42.4	82.1	19.45	42.4
	45	200	55.2	15.91	50.1	61.0	18.73	50.7	65.5	20.87	51.2	70.2	21.89	51.6	72.1	22.30	51.8
		400	55.7	15.50	47.6	61.5	18.24	47.9	66.0	20.33	48.1	70.9	21.32	48.3	72.7	21.72	48.4
		600	56.4	15.09	46.7	62.4	17.78	46.9	67.1	19.80	47.1	71.9	20.76	47.2	73.7	21.14	47.3
60	10	200	59.3	4.11	14.5	65.5	4.84	15.0	70.4	5.40	15.4	75.6	5.66	15.8	77.4	5.77	16.0
		400	59.3	4.01	12.3	65.4	4.72	12.5	70.4	5.26	12.7	75.6	5.52	12.9	77.4	5.62	13.0
		600	59.3	3.92	11.5	65.5	4.62	11.7	70.4	5.15	11.8	75.6	5.39	11.9	77.4	5.50	12.0
	15	200	59.3	5.49	19.6	65.5	6.47	20.2	70.4	7.20	20.6	75.6	7.56	21.0	77.4	7.71	21.1
		400	59.3	5.34	17.3	65.5	6.30	17.6	70.4	7.02	17.8	75.6	7.35	18.0	77.5	7.50	18.0
		600	59.3	5.24	16.5	65.5	6.17	16.7	70.4	6.86	16.8	75.6	7.20	17.0	77.4	7.34	17.0
	20	200	59.3	6.61	24.7	65.5	7.79	25.3	70.4	8.68	25.7	75.6	9.11	26.1	77.4	9.29	26.2
		400	59.3	6.45	22.4	65.5	7.59	22.6	70.4	8.45	22.8	75.6	8.87	23.0	77.4	9.04	23.1
		600	59.3	6.30	21.6	65.5	7.43	21.7	70.4	8.27	21.9	75.6	8.68	22.0	77.4	8.85	22.1
	25	200	59.3	8.24	29.8	65.4	9.70	30.4	70.4	10.81	30.8	75.6	11.33	31.2	77.4	11.55	31.4
		400	59.3	8.07	27.4	65.5	9.50	27.7	70.4	10.58	27.9	75.6	11.10	28.1	77.4	11.31	28.2
		600	59.3	7.82	26.6	65.5	9.21	26.8	70.4	10.26	26.9	75.6	10.76	27.1	77.4	10.96	27.1
	30	200	59.3	9.84	35.0	65.5	11.58	35.5	70.4	12.91	36.0	75.6	13.53	36.4	77.4	13.80	36.5
		400	59.3	9.63	32.5	65.5	11.35	32.8	70.4	12.65	33.0	75.6	13.26	33.2	77.4	13.52	33.3
		600	59.3	9.40	31.6	65.5	11.06	31.8	70.4	12.32	32.0	75.6	12.93	32.1	77.4	13.17	32.2
	35	200	59.3	10.67	40.0	65.5	12.55	40.6	70.4	14.00	41.0	75.6	14.68	41.5	77.4	14.97	41.6
		400	59.3	10.59	37.5	65.4	12.47	37.8	70.4	13.89	38.0	75.6	14.57	38.2	77.4	14.84	38.3
		600	59.3	10.23	36.7	65.5	12.07	36.9	70.4	13.43	37.0	75.6	14.10	37.1	77.4	14.36	37.2
	40	200	52.7	11.83	44.6	58.1	13.92	45.2	62.5	15.51	45.6	67.1	16.29	46.0	68.8	16.58	46.1
		400	53.2	11.71	42.3	58.7	13.79	42.6	63.1	15.38	42.8	67.6	16.12	43.0	69.4	16.45	43.1
		600	53.9	11.35	41.6	59.5	13.36	41.7	64.0	14.89	41.9	68.6	15.61	42.0	70.3	15.91	42.1
	45	200	47.3	12.87	49.3	52.2	15.17	49.8	56.2	16.86	50.2	60.2	17.71	50.6	61.7	18.05	50.7
		400	47.7	12.75	47.2	52.7	15.01	47.4	56.6	16.75	47.6	60.7	17.56	47.8	62.3	17.89	47.9
		600	48.4	12.35	46.5	53.4	14.54	46.6	57.4	16.21	46.8	61.6	16.98	46.9	63.2	17.31	46.9
50	10	200	49.4	3.14	13.8	54.6	3.69	14.2	58.6	4.12	14.5	63.0	4.32	14.8	64.5	4.40	14.9
		400	49.4	3.08	11.9	54.6	3.63	12.1	58.6	4.05	12.2	63.0	4.25	12.4	64.5	4.33	12.5
		600	49.4	3.03	11.3	54.6	3.56	11.4	58.6	3.97	11.5	63.0	4.16	11.6	64.5	4.25	11.6
	15	200	49.4	4.19	18.8	54.6	4.94	19.3	58.6	5.50	19.6	63.0	5.77	19.9	64.5	5.88	20.0
		400	49.4	4.12	16.9	54.6	4.85	17.1	58.6	5.40	17.3	63.0	5.67	17.5	64.5	5.77	17.5
		600	49.4	4.04	16.3	54.6	4.76	16.4	58.6	5.31	16.5	63.0	5.56	16.6	64.5	5.66	16.7
	20	200	49.4	5.05	23.9	54.5	5.94	24.3	58.6	6.63	24.7	63.0	6.95	25.0	64.5	7.08	25.1
		400	49.4	4.96	21.9	54.6	5.84	22.2	58.6	6.51	22.3	63.0	6.83	22.5	64.5	6.97	22.6
		600	49.4	4.87	21.3	54.6	5.73	21.4	58.6	6.39	21.6	63.0	6.70	21.7	64.5	6.83	21.7
	25	200	49.4	6.33	29.0	54.6	7.45	29.4	58.6	8.30	29.8	63.0	8.71	30.1	64.5	8.86	30.3
		400	49.4	6.14	27.0	54.6	7.23	27.2	58.6	8.05	27.4	63.0	8.45	27.6	64.5	8.60	27.6
		600	49.4	6.09	26.3	54.6	7.16	26.5	58.6	7.97	26.6	63.0	8.37	26.7	64.5	8.52	26.7
	30	200	49.4	7.63	34.1	54.6	9.00	34.6	58.6	10.02	34.9	63.0	10.51	35.3	64.5	10.70	35.4
		400	49.4	7.42	32.0	54.5	8.73	32.3	58.6	9.73	32.4	63.0	10.21	32.6	64.5	10.39	32.7
		600	49.4	7.28	31.4	54.5	8.57	31.5	58.6	9.55	31.6	63.0	10.02	31.7	64.5	10.20	31.8
	35	200	49.4	8.29	39.1	54.6	9.75	39.6	58.6	10.87	40.0	63.0	11.40	40.3	64.5	11.61	40.5
		400	49.4	8.06	37.1	54.6	9.49	37.3	58.6	10.58	37.5	63.0	11.09	37.7	64.5	11.30	37.7
		600	49.4	7.84	36.4	54.5	9.23	36.5	58.6	10.29	36.6	63.0	10.79	36.8	64.5	10.98	36.8
	40	200	43.9	9.18	43.8	48.5	10.80	44.3	52.1	12.05	44.6	55.9	12.64	44.9	57.3	12.87	45.0
		400	44.3	8.94	41.9	48.9	10.51	42.1	52.5	11.73	42.3	56.3	12.29	42.5	57.8	12.51	42.5
		600	44.9	8.68	41.3	49.6	10.23	41.4	53.3	11.39	41.5	57.2	11.95	41.7	58.6	12.17	41.7
	45	200	39.4	10.00	48.5	43.5	11.78	49.0	46.8	13.11	49.3	50.2	13.75	49.6	51.4	14.00	49.7
		400	39.8	9.72	46.8	43.9	11.44	47.0	47.2	12.75	47.1	50.6	13.38	47.3	51.9	13.64	47.4
		600	40.4	9.45	46.2	44.5	11.12	46.3	47.8	12.40	46.4	51.3	13.01	46.5	52.7	13.25	46.6

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	200	150.7	31.57	1.5	147.3	30.41	1.6	140.7	29.55	2.0	132.5	27.55	2.5	127.1	25.25	2.7
		400	153.9	30.50	5.6	149.6	29.88	5.7	143.6	29.11	5.9	135.2	27.03	6.1	129.7	24.84	6.2
		600	162.4	30.75	6.9	159.3	30.00	6.9	153.4	28.86	7.0	144.5	26.93	7.2	138.7	25.16	7.3
	15	200	166.4	28.00	5.1	162.0	26.70	5.3	155.4	25.86	5.7	145.8	24.06	6.3	139.8	22.11	6.6
		400	170.6	26.11	9.8	166.4	25.95	10.0	160.4	25.46	10.2	150.8	23.46	10.4	143.9	21.49	10.6
		600	169.6	27.21	11.6	167.5	26.71	11.6	163.4	25.56	11.7	153.2	23.57	11.9	146.9	22.61	12.0
	20	200	170.8	26.56	9.7	167.4	25.43	9.8	161.2	24.40	10.2	151.5	22.29	10.7	144.6	21.19	11.2
		400	173.7	25.07	14.7	172.2	25.01	14.7	166.2	24.21	14.9	156.4	22.79	15.2	149.9	21.89	15.4
		600	173.6	25.34	16.5	171.4	24.87	16.5	169.3	24.57	16.5	158.2	22.99	16.8	151.4	22.15	16.9
	25	200	176.8	24.65	14.1	171.6	24.29	14.4	168.2	23.73	14.6	159.1	22.36	15.2	152.9	21.19	15.6
		400	174.4	23.99	19.6	171.5	24.35	19.7	168.4	23.55	19.8	159.1	22.28	20.1	152.9	21.08	20.3
		600	172.8	23.84	21.4	171.6	23.25	21.5	168.3	23.31	21.5	159.2	22.10	21.7	153.1	20.17	21.8
	30	200	173.1	22.15	19.2	171.5	22.33	19.3	168.3	22.56	19.6	159.3	20.77	20.1	153.0	19.97	20.5
		400	173.1	21.62	24.6	171.6	22.43	24.7	168.2	22.06	24.8	159.2	20.78	25.0	153.1	19.03	25.2
		600	173.2	21.44	26.4	171.5	21.17	26.4	168.4	21.59	26.5	159.3	19.89	26.7	152.8	19.47	26.8
	35	200	173.2	20.85	24.1	171.6	21.50	24.2	168.4	22.32	24.5	159.2	20.34	25.0	153.1	18.79	25.4
		400	173.2	20.89	29.5	171.7	21.84	29.6	168.3	21.95	29.8	159.2	20.43	30.0	152.9	18.72	30.2
		600	173.4	20.54	31.3	171.5	21.09	31.4	168.4	21.44	31.5	159.1	19.53	31.7	153.0	17.93	31.8
	40	200	173.4	19.40	29.0	171.5	20.16	29.2	168.5	21.58	29.5	159.1	19.83	30.0	153.1	18.38	30.3
		400	173.2	19.45	34.5	171.4	20.45	34.6	168.4	20.94	34.7	159.2	19.56	35.0	153.0	18.07	35.2
		600	173.2	19.27	36.3	171.6	19.61	36.4	168.5	21.11	36.5	159.2	19.23	36.7	153.0	17.73	36.8
	45	200	173.3	17.11	33.8	171.5	17.91	34.0	168.2	20.07	34.4	159.1	18.48	34.9	153.0	17.23	35.3
		400	173.2	17.24	39.4	171.7	18.25	39.5	168.4	19.04	39.6	159.2	17.78	39.9	152.9	16.65	40.1
		600	173.2	17.32	41.3	171.5	17.26	41.3	168.4	19.94	41.5	159.2	18.00	41.6	153.0	16.93	41.7
120	10	200	143.7	31.31	1.9	140.3	30.29	2.1	133.9	29.35	2.5	126.1	27.14	2.9	120.3	24.88	3.2
		400	145.9	30.94	5.9	142.3	30.12	6.0	135.4	29.12	6.2	128.0	26.82	6.4	122.2	24.41	6.5
		600	154.3	30.41	7.0	149.0	29.62	7.1	144.7	28.85	7.2	136.5	26.66	7.4	130.4	24.33	7.5
	15	200	158.4	27.47	5.6	153.8	26.46	5.9	147.8	25.50	6.2	139.1	23.71	6.7	132.4	21.74	7.1
		400	161.0	26.96	10.2	157.7	26.41	10.3	151.2	25.44	10.5	142.1	23.46	10.7	135.1	21.21	10.9
		600	160.4	26.53	11.8	156.2	25.87	11.9	152.8	25.54	12.0	143.8	23.57	12.1	136.7	21.38	12.2
	20	200	161.3	25.46	10.3	157.8	24.44	10.4	151.6	23.31	10.8	142.7	21.57	11.3	135.4	20.55	11.8
		400	163.3	24.71	15.0	161.2	24.50	15.1	154.9	23.60	15.3	145.8	22.00	15.6	139.1	20.66	15.8
		600	162.6	24.67	16.7	158.5	24.10	16.8	157.1	23.73	16.8	147.5	22.23	17.0	140.2	21.02	17.2
	25	200	166.1	23.33	14.8	160.2	22.51	15.1	156.2	21.98	15.4	147.5	20.57	15.9	141.4	19.43	16.3
		400	164.1	22.68	19.9	160.3	22.56	20.1	155.9	22.09	20.2	147.3	20.45	20.5	141.4	19.35	20.6
		600	163.7	21.74	21.6	160.3	21.55	21.7	156.0	21.72	21.8	147.5	20.78	22.0	141.6	18.46	22.1
	30	200	163.7	20.52	19.7	160.2	20.62	20.0	156.0	20.54	20.3	147.4	18.67	20.8	141.4	17.87	21.1
		400	163.8	20.04	24.9	160.2	20.41	25.0	156.2	20.21	25.1	147.4	18.61	25.4	141.6	16.99	25.5
		600	163.6	19.33	26.6	160.3	19.34	26.6	156.1	19.68	26.7	147.6	18.30	26.9	141.5	17.41	27.0
	35	200	163.8	19.23	24.6	160.1	19.47	24.9	156.1	19.97	25.2	147.4	18.17	25.7	141.5	16.70	26.1
		400	163.8	18.83	29.8	160.1	19.44	30.0	156.2	19.26	30.1	147.6	17.79	30.3	141.4	16.30	30.5
		600	163.7	18.18	31.5	160.1	18.93	31.6	156.0	19.35	31.7	147.5	17.50	31.9	141.5	16.03	32.0
	40	200	163.7	17.85	29.5	160.0	17.97	29.8	156.1	18.89	30.2	147.5	17.23	30.7	141.5	15.92	31.0
		400	163.7	17.14	34.7	160.1	17.85	34.9	156.1	18.18	35.1	147.3	16.92	35.3	141.5	15.53	35.5
		600	163.9	17.12	36.5	160.1	17.16	36.6	156.1	18.35	36.7	147.6	16.62	36.9	141.6	15.26	37.0
	45	200	163.5	15.77	34.4	160.3	15.67	34.6	156.0	17.08	35.0	147.5	15.62	35.5	141.4	14.48	35.9
		400	163.8	14.77	39.7	160.2	15.46	39.8	156.2	16.41	40.0	147.4	15.25	40.3	141.5	14.17	40.4
		600	163.9	15.42	41.5	160.0	14.78	41.5	156.1	16.67	41.7	147.6	14.97	41.8	141.6	13.94	41.9
110	10	200	137.5	31.64	2.4	133.4	30.46	2.6	126.7	29.45	3.0	119.8	27.12	3.4	113.4	24.90	3.7
		400	139.0	31.07	6.1	134.4	30.11	6.3	127.9	29.09	6.5	121.3	26.85	6.6	114.6	24.42	6.8
		600	146.7	30.66	7.2	142.6	29.61	7.3	136.4	28.64	7.4	128.6	26.42	7.6	121.8	24.36	7.7
	15	200	151.3	27.65	6.1	146.2	26.71	6.4	139.8	25.66	6.8	132.0	23.70	7.2	124.7	21.75	7.6
		400	152.7	26.72	10.5	148.6	26.36	10.6	141.7	25.45	10.8	133.3	23.46	11.1	126.3	21.19	11.2
		600	152.4	26.63	12.0	148.0	25.88	12.1	142.7	25.04	12.2	134.1	23.05	12.3	126.7	21.39	12.5
	20	200	153.0	24.69	10.8	148.3	24.04	11.1	142.0	22.98	11.5	133.3	21.22	12.0	126.4	19.90	12.4
		400	154.1	24.15	15.3	149.7	23.71	15.5	143.6	22.84	15.7	135.3	21.32	15.9	127.8	19.69	16.1
		600	154.0	24.42	16.9	149.6	23.59	17.0	144.9	22.98	17.1	136.2	20.97	17.2	129.1	19.94	17.4
	25	200	155.4	21.75	15.4	149.4	21.12	15.8	144.4	20.71	16.1	136.2	19.11	16.6	129.5	17.71	17.0
		400	154.3	21.36	20.2	149.5	20.99	20.4	144.5	20.55	20.6	136.2	18.99	20.8	129.4	17.56	21.0
		600	154.2	21.68	21.8	149.5	21.01	21.9	144.5	20.19	22.0	136.1	19.31	22.2	129.5	16.76	22.3
	30	200	154.2	18.30	20.3	149.5	18.60	20.6	144.4	18.27	21.0	136.3	16.92	21.4	129.5	15.48	21.8
		400	154.1	18.16	25.1	149.5	18.44	25.3	144.6	17.91	25.5	136.2	16.79	25.7	129.4	14.92	25.9
		600	154.1	18.19	26.8	149.5	17.60	26.9	144.6	17.42	27.0	136.3	16.05	27.1	129.4	15.29	27.3
	35	200	154.3	17.04	25.2	149.4	17.05	25.5	144.5	17.30	25.9	136.3	15.62	26.4	129.5	14.26	26.7
		400	154.4	16.99	30.1	149.5	17.37	30.3	144.4	16.90	30.4	136.2	15.59	30.7	129.4	14.15	30.9
		600	154.3	16.06	31.7	149.3	16.51	31.8	144.5	16.47	31.9	136.1	15.33	32.1	129.4	13.91	32.2
	40	200	154.5	15.42	30.0	149.4	15.88	30.4	144.4	16.20	30.8	136.0	14.66	31.3	129.5	13.40	31.7
		400	154.1	15.39	35.0	149.5	15.79	35.2	144.4	15.48	35.4	136.1	14.66	35.6	129.5	13.39	35.8
		600	154.2	15.31	36.7	149.6	14.95	36.8	144.5	15.63	36.9	136.1	13.82	37.1	129.3	12.59	37.2
	45	200	154.3	13.19	34.9	149.5	13.93	35.3	144.5	14.48	35.7	136.1	13.17	36.2	129.5	12.05	36.6
		400	154.3	13.14	39.9	149.7	13.56	40.1	144.4	13.42	40.3	136.3	13.04	40.6	129.4	12.05	40.8
		600	154.2	14.02	41.7	149.5	12.79	41.7	144.5	14.22	41.9	136.2	11.77	42.0	129.5	10.78	42.2

1-17. AM420FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	200	131.6	31.85	2.9	126.0	30.92	3.2	119.8	29.62	3.5	113.3	27.31	3.8	106.5	24.67	4.1
		400	132.4	31.59	6.4	126.5	30.64	6.6	120.3	29.30	6.7	113.8	27.01	6.9	107.0	24.39	7.0
		600	140.0	31.03	7.4	133.9	30.11	7.5	127.5	28.82	7.6	120.6	26.58	7.8	113.4	24.01	7.9
	15	200	144.9	27.84	6.6	138.6	27.02	7.0	132.3	25.85	7.4	124.8	23.85	7.8	117.2	21.56	8.1
		400	144.9	27.59	10.8	138.6	26.77	11.0	132.3	25.63	11.2	124.8	23.61	11.4	117.2	21.34	11.6
		600	144.9	27.07	12.2	138.6	26.31	12.3	132.3	25.19	12.4	124.8	23.20	12.6	117.2	20.98	12.7
	20	200	144.9	24.53	11.4	138.6	23.81	11.8	132.3	22.76	12.1	124.8	20.99	12.6	117.2	18.98	13.0
		400	144.9	24.28	15.7	138.6	23.57	15.9	132.3	22.62	16.1	124.8	20.79	16.3	117.2	18.79	16.5
		600	144.9	23.86	17.1	138.6	23.17	17.2	132.3	22.16	17.4	124.8	20.42	17.5	117.2	18.46	17.6
	25	200	144.9	20.80	16.1	138.6	20.20	16.5	132.3	19.31	16.9	124.8	17.80	17.3	117.2	16.09	17.8
		400	144.9	20.58	20.5	138.6	19.96	20.7	132.3	19.11	20.9	124.8	17.62	21.2	117.2	15.92	21.4
		600	144.9	20.23	22.0	138.6	19.63	22.2	132.3	18.78	22.3	124.8	17.34	22.4	117.2	15.66	22.6
	30	200	144.9	17.39	20.9	138.6	16.89	21.3	132.3	16.15	21.7	124.8	14.90	22.1	117.2	13.47	22.6
		400	144.9	17.22	25.4	138.6	16.73	25.6	132.3	16.01	25.8	124.8	14.76	26.1	117.2	13.32	26.3
		600	144.9	16.92	26.9	138.6	16.45	27.1	132.3	15.74	27.2	124.8	14.51	27.4	117.2	13.10	27.5
	35	200	144.9	15.81	25.7	138.6	15.35	26.2	132.3	14.67	26.6	124.8	13.55	27.0	117.2	12.23	27.5
		400	144.9	15.66	30.4	138.6	15.19	30.6	132.3	14.54	30.8	124.8	13.41	31.0	117.2	12.12	31.2
		600	144.9	15.38	31.9	138.6	14.93	32.0	132.3	14.30	32.2	124.8	13.19	32.3	117.2	11.91	32.5
	40	200	144.9	14.22	30.6	138.6	13.81	31.1	132.3	13.20	31.5	124.8	12.18	31.9	117.2	11.01	32.4
		400	144.9	14.08	35.3	138.6	13.68	35.5	132.3	13.08	35.7	124.8	12.06	36.0	117.2	10.90	36.2
		600	144.9	13.84	36.9	138.6	13.44	37.0	132.3	12.85	37.1	124.8	11.85	37.3	117.2	10.70	37.5
	45	200	144.9	12.08	35.5	138.6	11.71	35.9	132.3	11.20	36.3	124.8	10.36	36.8	117.2	9.35	37.3
		400	144.9	11.95	40.2	138.6	11.61	40.4	132.3	11.10	40.7	124.8	10.25	40.9	117.2	9.25	41.1
		600	144.9	11.75	41.8	138.6	11.40	42.0	132.3	10.92	42.1	124.8	10.07	42.3	117.2	9.10	42.4
90	10	200	118.6	30.15	3.7	113.2	29.28	4.0	107.8	28.00	4.3	102.1	25.85	4.5	95.8	23.34	4.8
		400	119.1	29.78	6.8	113.7	28.89	7.0	108.3	27.65	7.1	102.5	25.53	7.2	96.4	23.06	7.4
		600	125.9	29.45	7.7	120.6	28.61	7.8	114.7	27.35	7.9	108.6	25.24	8.0	102.0	22.78	8.1
	15	200	130.4	26.37	7.5	124.7	25.62	7.9	118.8	24.47	8.2	112.3	22.59	8.6	105.6	20.41	8.9
		400	130.4	26.04	11.3	124.7	25.24	11.4	118.8	24.16	11.6	112.3	22.29	11.8	105.6	20.13	11.9
		600	130.4	25.72	12.5	124.7	24.97	12.6	118.8	23.91	12.7	112.3	22.05	12.8	105.6	19.91	13.0
	20	200	130.4	23.19	12.3	124.7	22.53	12.7	118.8	21.56	13.0	112.3	19.89	13.4	105.6	17.95	13.7
		400	130.4	22.91	16.1	124.7	22.23	16.3	118.8	21.27	16.5	112.3	19.63	16.7	105.6	17.74	16.9
		600	130.4	22.64	17.4	124.7	21.99	17.5	118.8	21.05	17.7	112.3	19.39	17.8	105.6	17.53	17.9
	25	200	130.4	19.76	17.1	124.7	19.18	17.4	118.8	18.34	17.8	112.3	16.92	18.2	105.6	15.28	18.5
		400	130.4	19.53	21.0	124.7	18.96	21.2	118.8	18.13	21.4	112.3	16.73	21.6	105.6	15.10	21.8
		600	130.4	19.12	22.3	124.7	18.57	22.5	118.8	17.77	22.6	112.3	16.39	22.7	105.6	14.81	22.8
	30	200	130.4	16.49	21.8	124.7	16.00	22.2	118.8	15.32	22.6	112.3	14.13	23.0	105.6	12.77	23.3
		400	130.4	16.29	25.9	124.7	15.82	26.1	118.8	15.12	26.3	112.3	13.96	26.5	105.6	12.61	26.7
		600	130.4	16.11	27.3	124.7	15.64	27.4	118.8	14.98	27.5	112.3	13.80	27.6	105.6	12.47	27.8
	35	200	130.4	14.95	26.7	124.7	14.51	27.1	118.8	13.88	27.5	112.3	12.82	27.9	105.6	11.57	28.3
		400	130.4	14.79	30.9	124.7	14.35	31.0	118.8	13.74	31.2	112.3	12.68	31.4	105.6	11.44	31.6
		600	130.4	14.62	32.2	124.7	14.19	32.4	118.8	13.57	32.5	112.3	12.53	32.6	105.6	11.31	32.7
	40	200	130.4	13.47	31.6	124.7	13.07	32.0	118.8	12.49	32.4	112.3	11.53	32.8	105.6	10.41	33.2
		400	130.4	13.31	35.8	124.7	12.92	36.0	118.8	12.35	36.2	112.3	11.40	36.4	105.6	10.31	36.6
		600	130.4	13.14	37.2	124.7	12.76	37.3	118.8	12.21	37.5	112.3	11.27	37.6	105.6	10.19	37.7
	45	200	130.4	11.43	36.5	124.7	11.09	36.9	118.8	10.61	37.2	112.3	9.79	37.7	105.6	8.84	38.1
		400	130.4	11.30	40.7	124.7	10.96	40.9	118.8	10.50	41.1	112.3	9.69	41.3	105.6	8.75	41.5
		600	130.4	11.17	42.2	124.7	10.83	42.3	118.8	10.37	42.4	112.3	9.57	42.5	105.6	8.65	42.7
80	10	200	105.4	26.82	4.4	100.6	26.02	4.7	95.8	24.90	4.9	90.7	22.99	5.1	85.2	20.75	5.4
		400	105.7	26.52	7.2	101.2	25.77	7.3	96.3	24.63	7.4	91.1	22.74	7.5	85.6	20.54	7.7
		600	112.0	26.30	8.0	107.2	25.53	8.0	102.0	24.45	8.1	96.5	22.55	8.2	90.7	20.37	8.3
	15	200	115.8	23.42	8.4	110.9	22.74	8.7	105.6	21.76	9.0	99.6	20.07	9.3	93.8	18.12	9.6
		400	115.8	23.18	11.7	110.9	22.52	11.8	105.6	21.55	12.0	99.6	19.87	12.1	93.8	17.96	12.3
		600	115.8	23.01	12.8	110.9	22.33	12.9	105.6	21.35	13.0	99.6	19.72	13.1	93.8	17.79	13.2
	20	200	115.8	20.60	13.2	110.9	20.00	13.5	105.6	19.14	13.8	99.7	17.66	14.1	93.8	15.95	14.4
		400	115.8	20.42	16.6	110.9	19.82	16.7	105.6	18.96	16.9	99.6	17.47	17.1	93.8	15.80	17.2
		600	115.8	20.23	17.7	110.9	19.65	17.8	105.6	18.82	17.9	99.6	17.35	18.0	93.8	15.67	18.1
	25	200	115.8	17.68	18.0	110.9	17.16	18.3	105.6	16.42	18.6	99.6	15.15	18.9	93.8	13.69	19.3
		400	115.7	17.41	21.5	110.9	16.90	21.6	105.6	16.17	21.8	99.6	14.93	22.0	93.8	13.48	22.1
		600	115.8	17.10	22.6	110.9	16.61	22.7	105.6	15.90	22.9	99.6	14.67	23.0	93.8	13.24	23.1
	30	200	115.7	14.64	22.8	110.9	14.23	23.1	105.6	13.60	23.4	99.6	12.55	23.8	93.8	11.34	24.1
		400	115.8	14.58	26.4	110.9	14.15	26.5	105.6	13.53	26.7	99.6	12.49	26.9	93.8	11.28	27.0
		600	115.8	14.34	27.6	110.9	13.92	27.7	105.6	13.31	27.8	99.6	12.27	27.9	93.8	11.10	28.0
	35	200	115.8	13.36	27.7	110.9	12.97	28.0	105.6	12.41	28.3	99.6	11.45	28.7	93.8	10.34	29.0
		400	115.8	13.30	31.3	110.9	12.90	31.5	105.6	12.34	31.7	99.6	11.39	31.8	93.8	10.28	32.0
		600	115.8	12.97	32.5	110.9	12.60	32.7	105.6	12.06	32.8	99.6	11.13	32.9	93.8	10.06	33.0
	40	200	115.8	12.03	32.6	110.9	11.68	32.9	105.6	11.17	33.2	99.6	10.30	33.6	93.8	9.31	33.9
		400	115.8	11.95	36.3	110.9	11.62	36.4	105.6	11.10	36.6	99.6	10.23	36.8	93.8	9.26	37.0
		600	115.8	11.68	37.5	110.9	11.35	37.6	105.6	10.85	37.7	99.6	10.00	37.9	93.8	9.03	38.0
	45	200	115.8	10.20	37.4	110.9	9.91	37.8	105.6	9.49	38.1	99.6	8.75	38.5	93.8	7.90	38.8
		400	115.8	10.15	41.2	110.9	9.86	41.4	105.6	9.43	41.6	99.6	8.69	41.7	93.8	7.85	41.9
		600	115.7	9.92	42.5	110.9	9.62	42.6	105.6	9.21	42.7	99.6	8.50	42.8	93.8	7.68	42.9

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	200	92.1	22.21	5.0	88.1	21.55	5.2	83.9	20.64	5.5	79.3	19.04	5.7	74.6	17.17	5.9
		400	92.5	22.10	7.5	88.5	21.48	7.6	84.3	20.53	7.7	79.8	18.94	7.8	74.9	17.10	7.9
		600	98.1	21.60	8.2	93.7	20.99	8.3	89.3	20.09	8.3	84.5	18.51	8.4	79.3	16.74	8.5
	15	200	101.4	19.42	9.1	97.0	18.85	9.4	92.4	18.04	9.7	87.4	16.64	9.9	82.2	15.03	10.2
		400	101.4	19.32	12.1	97.0	18.76	12.2	92.4	17.95	12.3	87.4	16.55	12.5	82.2	14.96	12.6
		600	101.4	18.90	13.0	97.0	18.35	13.1	92.4	17.55	13.2	87.4	16.17	13.3	82.2	14.62	13.4
	20	200	101.4	17.08	14.0	97.0	16.58	14.2	92.4	15.88	14.5	87.4	14.66	14.8	82.2	13.22	15.1
		400	101.4	17.01	17.0	97.0	16.51	17.1	92.4	15.79	17.3	87.4	14.58	17.4	82.2	13.16	17.5
		600	101.4	16.63	18.0	97.0	16.15	18.1	92.4	15.44	18.2	87.4	14.24	18.3	82.2	12.87	18.3
	25	200	101.4	14.57	18.8	97.0	14.12	19.1	92.4	13.52	19.3	87.4	12.47	19.6	82.2	11.27	19.9
		400	101.4	14.42	21.9	97.0	14.02	22.0	92.3	13.39	22.2	87.4	12.36	22.3	82.2	11.16	22.5
		600	101.4	14.16	22.9	97.0	13.75	23.0	92.4	13.16	23.1	87.4	12.13	23.2	82.2	10.97	23.3
	30	200	101.4	12.17	23.6	97.0	11.82	23.9	92.4	11.30	24.2	87.4	10.41	24.5	82.2	9.42	24.8
		400	101.4	12.06	26.8	97.0	11.72	26.9	92.4	11.21	27.1	87.4	10.33	27.2	82.2	9.33	27.4
		600	101.4	11.88	27.9	97.0	11.53	28.0	92.4	11.03	28.1	87.4	10.18	28.2	82.2	9.20	28.3
	35	200	101.4	11.14	28.5	97.0	10.81	28.8	92.4	10.34	29.1	87.4	9.54	29.4	82.2	8.62	29.7
		400	101.4	10.93	31.8	97.0	10.61	31.9	92.3	10.14	32.1	87.4	9.37	32.2	82.2	8.46	32.4
		600	101.4	10.81	32.8	97.0	10.49	32.9	92.4	10.03	33.0	87.4	9.26	33.1	82.2	8.35	33.2
	40	200	101.4	10.02	33.5	97.0	9.72	33.7	92.4	9.31	34.0	87.4	8.58	34.4	82.2	7.75	34.7
		400	101.4	9.84	36.7	97.0	9.54	36.9	92.4	9.13	37.0	87.4	8.42	37.2	82.2	7.62	37.3
		600	101.4	9.72	37.8	97.0	9.43	37.9	92.4	9.03	38.0	87.4	8.33	38.1	82.2	7.52	38.2
	45	200	101.4	8.51	38.3	97.0	8.27	38.6	92.4	7.90	38.9	87.4	7.28	39.3	82.2	6.59	39.6
		400	101.4	8.35	41.7	97.0	8.11	41.8	92.4	7.75	42.0	87.4	7.15	42.1	82.2	6.47	42.3
		600	101.4	8.25	42.8	97.0	8.00	42.9	92.4	7.66	43.0	87.4	7.07	43.1	82.2	6.39	43.2
60	10	200	79.0	18.34	5.7	75.6	17.82	5.9	71.9	17.05	6.1	68.0	15.71	6.3	64.0	14.20	6.4
		400	79.3	17.99	7.8	75.8	17.45	7.9	72.3	16.72	8.0	68.3	15.42	8.1	64.2	13.93	8.2
		600	84.0	17.85	8.4	80.4	17.34	8.5	76.5	16.60	8.6	72.4	15.30	8.6	68.0	13.81	8.7
	15	200	86.9	16.03	9.9	83.2	15.57	10.2	79.2	14.89	10.4	74.9	13.73	10.6	70.3	12.42	10.9
		400	86.9	15.71	12.4	83.2	15.26	12.6	79.2	14.61	12.7	74.9	13.47	12.8	70.3	12.17	12.9
		600	86.9	15.61	13.3	83.2	15.15	13.4	79.2	14.49	13.5	74.9	13.37	13.5	70.3	12.07	13.6
	20	200	86.9	14.11	14.8	83.2	13.70	15.0	79.2	13.12	15.3	74.9	12.08	15.5	70.3	10.93	15.7
		400	86.9	13.83	17.4	83.2	13.43	17.5	79.2	12.84	17.6	74.9	11.85	17.7	70.3	10.70	17.9
		600	86.9	13.73	18.3	83.2	13.33	18.3	79.2	12.76	18.4	74.9	11.76	18.5	70.3	10.63	18.6
	25	200	86.9	11.94	19.6	83.2	11.61	19.9	79.2	11.10	20.1	74.9	10.23	20.4	70.3	9.25	20.6
		400	86.9	11.78	22.3	83.2	11.45	22.4	79.2	10.95	22.6	74.9	10.10	22.7	70.3	9.12	22.8
		600	86.9	11.59	23.2	83.2	11.24	23.3	79.2	10.76	23.4	74.9	9.92	23.4	70.3	8.97	23.5
	30	200	86.9	9.94	24.5	83.2	9.66	24.7	79.2	9.23	25.0	74.9	8.52	25.2	70.3	7.69	25.5
		400	86.9	9.80	27.2	83.2	9.52	27.4	79.2	9.11	27.5	74.9	8.40	27.6	70.3	7.59	27.8
		600	86.9	9.70	28.2	83.2	9.41	28.2	79.2	9.01	28.3	74.9	8.31	28.4	70.3	7.50	28.5
	35	200	86.9	9.02	29.4	83.2	8.75	29.7	79.2	8.37	29.9	74.9	7.73	30.2	70.3	6.97	30.5
		400	86.9	9.01	32.2	83.2	8.73	32.3	79.2	8.36	32.5	74.9	7.71	32.6	70.3	6.97	32.7
		600	86.9	8.84	33.1	83.2	8.58	33.2	79.2	8.21	33.3	74.9	7.57	33.4	70.3	6.84	33.5
	40	200	86.9	8.11	34.4	83.2	7.87	34.6	79.2	7.53	34.9	74.9	6.95	35.1	70.3	6.28	35.4
		400	86.9	8.10	37.2	83.2	7.86	37.3	79.2	7.53	37.4	74.9	6.94	37.6	70.3	6.27	37.7
		600	86.9	7.95	38.1	83.2	7.72	38.2	79.2	7.38	38.3	74.9	6.82	38.4	70.3	6.16	38.5
	45	200	86.9	6.88	39.3	83.2	6.68	39.5	79.2	6.39	39.8	74.9	5.90	40.1	70.3	5.32	40.3
		400	86.9	6.87	42.1	83.2	6.68	42.3	79.2	6.39	42.4	74.9	5.89	42.5	70.3	5.32	42.7
		600	86.9	6.75	43.1	83.2	6.55	43.2	79.2	6.26	43.3	74.9	5.78	43.3	70.3	5.22	43.4
50	10	200	65.8	14.00	6.3	62.9	13.60	6.5	59.9	13.01	6.6	56.7	11.99	6.8	53.2	10.84	7.0
		400	66.1	13.87	8.1	63.3	13.46	8.2	60.2	12.88	8.3	56.9	11.87	8.4	53.5	10.73	8.5
		600	70.0	13.79	8.7	66.9	13.39	8.7	63.7	12.80	8.8	60.3	11.81	8.8	56.7	10.66	8.9
	15	200	72.5	12.23	10.7	69.3	11.87	10.9	66.0	11.36	11.1	62.4	10.48	11.3	58.7	9.47	11.5
		400	72.5	12.12	12.8	69.3	11.74	12.9	66.0	11.25	13.0	62.4	10.38	13.1	58.7	9.37	13.2
		600	72.5	12.05	13.6	69.3	11.70	13.6	66.0	11.18	13.7	62.4	10.32	13.8	58.7	9.32	13.8
	20	200	72.5	10.77	15.6	69.3	10.45	15.8	66.0	10.00	16.0	62.4	9.23	16.2	58.7	8.33	16.4
		400	72.5	10.66	17.8	69.3	10.36	17.9	66.0	9.91	18.0	62.4	9.13	18.1	58.7	8.25	18.2
		600	72.5	10.61	18.5	69.3	10.30	18.6	66.0	9.85	18.7	62.4	9.09	18.7	58.7	8.21	18.8
	25	200	72.5	9.18	20.5	69.3	8.91	20.7	66.0	8.52	20.9	62.4	7.86	21.1	58.7	7.10	21.3
		400	72.5	8.97	22.7	69.3	8.71	22.8	66.0	8.33	22.9	62.4	7.70	23.0	58.7	6.95	23.1
		600	72.5	9.02	23.5	69.3	8.75	23.6	66.0	8.38	23.6	62.4	7.72	23.7	58.7	6.97	23.8
	30	200	72.5	7.72	25.4	69.3	7.49	25.6	66.0	7.17	25.8	62.4	6.61	26.0	58.7	5.98	26.2
		400	72.5	7.56	27.7	69.3	7.33	27.8	66.0	7.01	27.9	62.4	6.47	28.0	58.7	5.85	28.1
		600	72.5	7.51	28.4	69.3	7.29	28.5	66.0	6.97	28.6	62.4	6.43	28.7	58.7	5.82	28.7
	35	200	72.5	7.00	30.3	69.3	6.80	30.5	66.0	6.50	30.7	62.4	6.00	31.0	58.7	5.42	31.2
		400	72.5	6.86	32.6	69.3	6.66	32.8	66.0	6.37	32.9	62.4	5.88	33.0	58.7	5.31	33.1
		600	72.5	6.76	33.4	69.3	6.56	33.5	66.0	6.28	33.6	62.4	5.79	33.6	58.7	5.23	33.7
	40	200	72.5	6.29	35.3	69.3	6.12	35.5	66.0	5.84	35.7	62.4	5.40	35.9	58.7	4.87	36.1
		400	72.5	6.17	37.6	69.3	5.99	37.7	66.0	5.73	37.8	62.4	5.29	38.0	58.7	4.78	38.1
		600	72.5	6.09	38.4	69.3	5.90	38.5	66.0	5.65	38.6	62.4	5.22	38.6	58.7	4.71	38.7
	45	200	72.5	5.35	40.2	69.3	5.19	40.4	66.0	4.96	40.6	62.4	4.58	40.9	58.7	4.14	41.1
		400	72.5	5.24	42.6	69.3	5.09	42.7	66.0	4.86	42.8	62.4	4.49	42.9	58.7	4.06	43.0
		600	72.5	5.17	43.4	69.3	5.02	43.5	66.0	4.80	43.5	62.4	4.43	43.6	58.7	4.00	43.7

1-18. AM440FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	209	123.5	9.00	19.1	135.6	10.69	20.0	145.8	11.72	20.8	156.5	12.46	21.6	160.4	12.57	21.9
		418	123.5	8.79	14.5	135.6	10.36	15.0	145.9	11.55	15.4	156.4	12.16	15.8	160.6	12.40	15.9
		627	123.4	8.67	13.0	135.5	10.21	13.3	146.0	11.21	13.6	156.3	11.79	13.8	160.6	12.11	13.9
	15	209	121.1	11.58	24.1	133.3	13.73	25.1	143.9	15.27	25.9	153.7	15.98	26.6	157.8	16.32	26.9
		418	121.3	11.40	19.5	133.4	13.44	20.0	143.7	15.00	20.4	153.8	15.76	20.8	157.8	16.09	21.0
		627	121.2	11.11	18.0	133.4	13.13	18.4	143.9	14.53	18.6	153.9	15.24	18.9	157.8	15.69	19.0
	20	209	119.5	13.82	29.1	131.8	16.20	30.1	142.1	18.05	31.0	151.5	18.96	31.7	155.8	19.31	32.0
		418	119.6	13.54	24.6	131.7	15.90	25.1	142.0	17.77	25.5	151.7	18.69	25.8	155.8	19.08	26.0
		627	119.6	13.08	23.0	131.6	15.44	23.4	141.9	17.27	23.6	151.5	17.99	23.9	155.8	18.54	24.0
	25	209	119.4	17.34	34.4	131.6	20.43	35.4	142.0	22.75	36.3	151.4	23.87	37.0	155.7	24.34	37.3
		418	119.5	17.11	29.7	131.7	20.10	30.2	142.2	22.34	30.6	151.4	23.57	31.0	155.7	23.97	31.2
		627	119.5	16.51	28.1	131.7	19.52	28.5	142.0	21.74	28.7	151.6	22.82	29.0	155.9	23.44	29.1
	30	209	119.6	20.35	39.6	131.6	23.91	40.7	142.0	26.68	41.6	151.7	27.96	42.3	155.8	28.54	42.6
		418	119.7	20.00	34.8	131.7	23.56	35.3	142.1	26.28	35.8	151.5	27.61	36.1	156.0	28.11	36.3
		627	119.5	19.36	33.2	131.7	22.78	33.5	142.0	25.43	33.8	151.7	26.65	34.1	155.9	27.39	34.2
	35	209	113.0	21.16	44.2	124.8	24.94	45.3	134.3	27.87	46.1	143.9	29.17	46.9	147.2	29.66	47.1
		418	113.1	20.74	39.6	124.7	24.49	40.1	134.3	27.29	40.5	144.0	28.76	40.9	147.0	29.36	41.0
		627	112.9	20.24	38.0	124.7	23.75	38.4	134.4	26.40	38.7	143.9	27.80	38.9	147.2	28.53	39.0
	40	209	94.3	22.07	48.0	103.9	25.99	48.9	112.0	28.91	49.7	119.9	30.36	50.3	123.2	30.99	50.6
		418	95.2	21.69	44.0	104.7	25.54	44.5	113.0	28.41	44.8	120.6	29.84	45.2	124.2	30.57	45.3
		627	96.5	21.03	42.7	106.1	24.69	43.0	114.5	27.61	43.2	122.6	28.95	43.5	126.0	29.77	43.6
	45	209	78.7	22.80	52.0	86.4	26.82	52.8	92.8	29.90	53.4	99.5	31.34	54.0	102.4	31.94	54.2
		418	79.3	22.41	48.5	87.0	26.41	48.9	93.7	29.39	49.2	100.2	30.93	49.5	102.9	31.59	49.6
		627	80.4	21.67	47.3	88.5	25.49	47.6	95.0	28.52	47.8	101.8	29.92	48.0	104.5	30.82	48.1
120	10	209	116.8	8.55	18.6	128.6	10.12	19.5	138.6	11.11	20.3	148.0	11.76	21.0	151.8	11.89	21.2
		418	116.9	8.41	14.3	128.5	9.92	14.7	138.6	10.93	15.1	148.1	11.49	15.5	151.8	11.75	15.6
		627	116.9	8.04	12.9	128.6	9.69	13.2	138.7	10.58	13.4	147.9	11.19	13.6	152.0	11.58	13.7
	15	209	115.6	11.11	23.7	126.7	13.10	24.6	136.9	14.62	25.4	146.5	15.30	26.1	150.2	15.56	26.4
		418	115.6	10.92	19.3	126.9	12.86	19.8	136.7	14.35	20.2	146.1	15.05	20.5	150.0	15.33	20.7
		627	115.6	10.57	17.9	126.9	12.54	18.2	136.9	13.88	18.4	146.4	14.58	18.7	150.2	15.03	18.8
	20	209	114.3	13.29	28.7	125.5	15.58	29.7	135.4	17.33	30.5	145.1	18.25	31.2	148.8	18.55	31.5
		418	114.3	12.98	24.4	125.4	15.26	24.8	135.4	17.10	25.2	145.1	17.97	25.6	148.7	18.26	25.7
		627	114.3	12.62	22.9	125.6	14.88	23.2	135.4	16.60	23.5	145.1	17.33	23.7	148.7	17.83	23.8
	25	209	114.4	16.65	34.0	125.4	19.58	34.9	135.5	21.77	35.8	145.0	22.90	36.5	148.8	23.32	36.8
		418	114.4	16.35	29.5	125.4	19.28	30.0	135.5	21.44	30.4	144.8	22.52	30.7	148.7	22.96	30.9
		627	114.3	15.79	28.0	125.6	18.67	28.3	135.5	20.85	28.6	145.0	21.84	28.8	148.8	22.37	28.9
	30	209	114.3	19.65	39.2	125.5	23.12	40.2	135.5	25.74	41.1	144.9	27.06	41.8	148.7	27.57	42.1
		418	114.3	19.32	34.6	125.6	22.71	35.1	135.6	25.42	35.5	145.1	26.61	35.9	148.7	27.12	36.0
		627	114.2	18.65	33.0	125.6	21.98	33.4	135.6	24.56	33.7	144.9	25.80	33.9	148.7	26.40	34.0
	35	209	109.8	20.70	44.0	120.8	24.47	45.0	130.7	27.30	45.8	139.3	28.52	46.5	143.0	29.07	46.8
		418	109.7	20.34	39.5	121.0	23.98	40.0	130.5	26.73	40.4	139.3	28.13	40.7	143.1	28.70	40.9
		627	109.7	19.77	38.0	120.9	23.28	38.3	130.6	25.86	38.6	139.2	27.19	38.8	142.9	27.91	38.9
	40	209	93.5	22.00	47.9	102.9	25.95	48.8	111.1	28.87	49.6	118.6	30.28	50.2	121.9	30.93	50.5
		418	94.4	21.65	44.0	104.0	25.51	44.4	111.9	28.36	44.8	119.3	29.81	45.1	122.9	30.45	45.3
		627	95.6	20.96	42.7	105.2	24.73	43.0	113.7	27.55	43.2	121.3	28.98	43.4	124.8	29.69	43.5
	45	209	79.6	23.13	52.0	88.1	27.22	52.9	94.9	30.41	53.6	101.3	31.84	54.1	103.8	32.51	54.3
		418	80.1	22.80	48.5	88.5	26.80	49.0	95.6	29.85	49.3	101.9	31.39	49.6	104.7	32.05	49.7
		627	81.3	21.98	47.4	90.0	26.01	47.7	97.2	28.97	47.9	103.5	30.46	48.1	106.0	31.08	48.1
110	10	209	110.2	7.99	18.1	121.0	9.57	19.0	130.6	10.47	19.7	139.7	11.13	20.3	143.0	11.22	20.6
		418	110.4	7.88	14.1	121.0	9.29	14.5	130.7	10.30	14.8	139.7	10.92	15.2	143.0	11.01	15.3
		627	110.5	7.65	12.7	121.0	9.04	13.0	130.7	10.11	13.2	139.6	10.55	13.4	142.9	10.84	13.5
	15	209	109.5	10.57	23.2	120.2	12.50	24.1	129.9	13.95	24.9	138.9	14.58	25.5	142.5	14.89	25.8
		418	109.4	10.41	19.1	120.2	12.24	19.5	129.9	13.70	19.9	139.0	14.40	20.3	142.5	14.62	20.4
		627	109.5	10.11	17.7	120.2	11.92	18.0	129.8	13.32	18.3	138.8	13.92	18.5	142.6	14.27	18.6
	20	209	109.0	12.76	28.4	119.9	14.95	29.2	129.4	16.67	30.0	138.0	17.48	30.7	141.7	17.80	30.9
		418	109.0	12.49	24.2	119.8	14.67	24.6	129.4	16.38	25.0	138.0	17.21	25.3	141.6	17.54	25.5
		627	109.0	12.12	22.8	119.7	14.25	23.1	129.2	15.94	23.3	138.1	16.68	23.5	141.7	17.03	23.6
	25	209	109.1	15.95	33.6	119.7	18.72	34.5	129.3	20.86	35.3	138.0	21.87	36.0	141.8	22.27	36.3
		418	109.0	15.69	29.3	119.7	18.44	29.7	129.2	20.51	30.1	137.9	21.55	30.5	141.7	21.90	30.6
		627	109.0	15.12	27.8	119.6	17.84	28.1	129.3	19.93	28.4	138.0	20.90	28.6	141.8	21.32	28.7
	30	209	109.1	18.95	38.8	119.7	22.25	39.7	129.4	24.85	40.6	138.0	26.05	41.3	141.8	26.54	41.5
		418	109.1	18.64	34.4	119.6	21.92	34.9	129.2	24.49	35.3	137.9	25.64	35.6	141.7	26.09	35.8
		627	109.0	18.00	32.9	119.6	21.24	33.2	129.3	23.68	33.5	138.1	24.82	33.7	141.8	25.38	33.8
	35	209	106.4	20.25	43.7	117.9	23.90	44.7	126.6	26.68	45.5	135.7	27.90	46.2	138.8	28.43	46.5
		418	106.6	19.90	39.3	117.6	23.46	39.8	126.3	26.14	40.2	135.4	27.49	40.6	139.0	28.02	40.7
		627	106.5	19.32	37.9	117.7	22.73	38.2	126.5	25.26	38.5	135.5	26.61	38.7	138.7	27.20	38.8
	40	209	92.7	22.02	47.9	102.1	25.94	48.8	109.9	28.81	49.5	117.7	30.26	50.1	121.2	30.90	50.4
		418	93.3	21.59	43.9	102.9	25.49	44.4	110.7	28.37	44.8	118.4	29.71	45.1	121.8	30.38	45.2
		627	94.8	20.94	42.6	104.3	24.68	42.9	112.2	27.50	43.2	120.3	28.92	43.4	123.8	29.48	43.5
	45	209	81.1	23.60	52.2	89.3	27.67	53.0	96.1	30.89	53.7	103.3	32.36	54.3	106.0	33.01	54.5
		418	81.7	23.11	48.6	89.9	27.24	49.0	96.8	30.36	49.4	104.0	31.94	49.7	106.7	32.50	49.8
		627	82.9	22.29	47.4	91.4	26.43	47.7	98.3	29.44	47.9	105.6	30.95	48.1	108.3	31.52	48.2

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	209	103.7	7.61	17.6	114.4	8.95	18.5	123.2	9.97	19.1	131.9	10.47	19.8	135.2	10.66	20.0
		418	103.7	7.47	13.8	114.4	8.79	14.2	123.2	9.81	14.6	131.9	10.28	14.9	135.2	10.48	15.0
		627	103.7	7.25	12.5	114.4	8.53	12.8	123.2	9.51	13.0	131.9	9.97	13.2	135.2	10.15	13.3
	15	209	103.7	10.14	22.8	114.4	11.95	23.7	123.2	13.31	24.4	131.9	13.96	25.0	135.2	14.21	25.2
		418	103.7	9.97	18.9	114.4	11.76	19.3	123.2	13.08	19.7	131.9	13.73	20.0	135.2	13.96	20.1
		627	103.7	9.67	17.6	114.4	11.39	17.9	123.2	12.69	18.1	131.9	13.30	18.3	135.2	13.55	18.4
	20	209	103.7	12.23	28.0	114.4	14.42	28.8	123.2	16.03	29.5	131.9	16.84	30.2	135.2	17.12	30.4
		418	103.7	12.01	24.0	114.4	14.14	24.4	123.2	15.75	24.8	131.9	16.53	25.1	135.2	16.86	25.2
		627	103.7	11.64	22.6	114.4	13.70	22.9	123.2	15.29	23.2	131.9	16.04	23.4	135.2	16.33	23.5
	25	209	103.7	15.23	33.2	114.4	17.92	34.1	123.2	19.99	34.8	131.9	20.96	35.5	135.2	21.38	35.7
		418	103.7	14.98	29.1	114.4	17.63	29.5	123.2	19.62	29.9	131.9	20.62	30.2	135.2	21.01	30.4
		627	103.7	14.52	27.7	114.4	17.09	28.0	123.2	19.06	28.3	131.9	19.98	28.5	135.2	20.35	28.6
	30	209	103.7	18.32	38.4	114.4	21.55	39.3	123.2	24.00	40.1	131.9	25.18	40.8	135.2	25.69	41.0
		418	103.7	17.98	34.2	114.4	21.19	34.6	123.2	23.69	35.0	131.9	24.77	35.4	135.2	25.21	35.5
		627	103.7	17.43	32.8	114.4	20.52	33.1	123.2	22.89	33.3	131.9	23.98	33.6	135.2	24.45	33.6
	35	209	103.7	19.87	43.5	114.4	23.44	44.5	123.2	26.13	45.2	131.9	27.38	45.9	135.2	27.91	46.2
		418	103.7	19.54	39.2	114.4	23.00	39.7	123.2	25.63	40.1	131.9	26.94	40.4	135.2	27.44	40.6
		627	103.7	18.96	37.8	114.4	22.31	38.1	123.2	24.84	38.4	131.9	26.09	38.6	135.2	26.58	38.7
	40	209	92.1	22.05	47.8	101.6	25.96	48.7	109.3	28.89	49.5	117.2	30.32	50.1	120.2	30.91	50.4
		418	92.9	21.68	43.9	102.5	25.52	44.4	110.1	28.41	44.8	118.1	29.79	45.1	121.1	30.39	45.2
		627	94.2	21.00	42.6	103.9	24.73	42.9	111.8	27.55	43.2	119.9	28.93	43.4	122.9	29.43	43.5
	45	209	82.7	24.02	52.3	91.2	28.21	53.2	98.1	31.48	53.9	105.2	33.02	54.5	107.9	33.61	54.7
		418	83.3	23.60	48.7	91.9	27.78	49.1	98.9	30.94	49.5	106.0	32.45	49.7	108.8	33.07	49.9
		627	84.5	22.84	47.5	93.4	26.95	47.8	100.4	30.01	48.0	107.6	31.47	48.2	110.3	32.04	48.3
90	10	209	93.2	7.19	16.9	102.9	8.47	17.6	110.7	9.43	18.2	118.5	9.89	18.8	121.7	10.09	19.0
		418	93.2	7.05	13.4	102.9	8.30	13.8	110.7	9.24	14.1	118.5	9.70	14.4	121.7	9.89	14.5
		627	93.3	6.88	12.3	102.9	8.10	12.5	110.7	9.02	12.7	118.5	9.45	12.9	121.7	9.64	13.0
	15	209	93.2	9.60	22.1	102.9	11.30	22.8	110.7	12.59	23.5	118.5	13.21	24.0	121.7	13.45	24.3
		418	93.3	9.42	18.5	102.9	11.09	18.9	110.7	12.35	19.2	118.5	12.96	19.5	121.7	13.21	19.6
		627	93.2	9.18	17.3	102.9	10.81	17.6	110.7	12.04	17.8	118.5	12.63	18.0	121.7	12.86	18.1
	20	209	93.2	11.57	27.2	102.9	13.64	28.0	110.7	15.19	28.6	118.5	15.94	29.2	121.7	16.21	29.5
		418	93.1	11.36	23.6	102.9	13.36	24.0	110.7	14.88	24.3	118.5	15.61	24.6	121.7	15.91	24.7
		627	93.2	11.06	22.4	102.9	13.02	22.7	110.7	14.51	22.9	118.5	15.22	23.1	121.7	15.52	23.1
	25	209	93.1	14.49	32.4	102.9	17.04	33.2	110.7	19.00	33.9	118.5	19.94	34.5	121.7	20.30	34.7
		418	93.3	14.22	28.7	102.9	16.72	29.1	110.7	18.64	29.4	118.5	19.56	29.7	121.7	19.93	29.9
		627	93.2	13.71	27.4	102.9	16.17	27.7	110.7	18.00	27.9	118.5	18.89	28.1	121.7	19.26	28.2
	30	209	93.1	17.36	37.6	102.9	20.45	38.5	110.7	22.74	39.2	118.5	23.89	39.8	121.7	24.34	40.0
		418	93.2	17.04	33.8	102.9	20.04	34.2	110.7	22.33	34.6	118.5	23.46	34.9	121.7	23.84	35.0
		627	93.2	16.60	32.5	102.9	19.53	32.8	110.7	21.77	33.0	118.5	22.84	33.2	121.7	23.26	33.3
	35	209	93.2	18.82	42.7	102.9	22.15	43.6	110.7	24.69	44.3	118.5	25.90	44.9	121.7	26.40	45.2
		418	93.2	18.47	38.8	102.9	21.76	39.3	110.7	24.25	39.6	118.5	25.45	39.9	121.7	25.92	40.1
		627	93.3	18.01	37.5	102.9	21.20	37.8	110.7	23.64	38.1	118.5	24.79	38.3	121.7	25.27	38.4
	40	209	82.9	20.85	47.1	91.5	24.57	48.0	98.2	27.37	48.6	105.4	28.71	49.2	108.1	29.25	49.4
		418	83.5	20.46	43.6	92.2	24.11	44.0	99.0	26.89	44.3	106.5	28.16	44.6	108.9	28.69	44.7
		627	84.7	19.97	42.4	93.5	23.52	42.7	100.5	26.17	42.9	107.8	27.48	43.1	110.5	27.97	43.2
	45	209	74.4	22.71	51.7	82.1	26.77	52.5	88.3	29.78	53.1	94.6	31.26	53.6	97.2	31.86	53.9
		418	75.1	22.26	48.3	82.8	26.27	48.7	89.0	29.28	49.1	95.4	30.67	49.3	97.8	31.25	49.4
		627	93.1	7.22	47.3	84.0	25.59	47.5	90.3	28.51	47.7	96.8	29.89	47.9	99.2	30.45	48.0
80	10	209	82.8	6.28	16.1	91.4	7.52	16.8	98.3	8.39	17.3	105.4	8.80	17.8	108.1	8.95	18.0
		418	82.8	6.09	13.0	91.4	7.40	13.4	98.3	8.24	13.7	105.4	8.66	13.9	108.1	8.82	14.0
		627	82.9	8.61	12.1	91.4	7.24	12.3	98.3	8.06	12.4	105.4	8.47	12.6	108.1	8.62	12.7
	15	209	82.8	8.39	21.3	91.4	10.06	22.0	98.3	11.20	22.5	105.4	11.74	23.0	108.1	11.96	23.2
		418	82.8	8.14	18.1	91.4	9.88	18.5	98.3	11.00	18.7	105.4	11.53	19.0	108.1	11.76	19.1
		627	82.9	10.38	17.1	91.4	9.66	17.3	98.3	10.75	17.5	105.4	11.29	17.7	108.1	11.50	17.7
	20	209	82.9	10.12	26.4	91.4	12.10	27.1	98.3	13.49	27.7	105.4	14.16	28.2	108.1	14.42	28.4
		418	82.9	9.80	23.2	91.4	11.90	23.5	98.3	13.27	23.8	105.4	13.90	24.1	108.1	14.17	24.2
		627	82.9	12.93	22.2	91.4	11.64	22.4	98.3	12.96	22.5	105.4	13.61	22.7	108.1	13.86	22.8
	25	209	82.8	12.73	31.6	91.4	15.24	32.3	98.3	16.98	32.9	105.4	17.82	33.5	108.1	18.15	33.7
		418	82.9	12.29	28.3	91.4	14.93	28.6	98.3	16.60	28.9	105.4	17.44	29.2	108.1	17.76	29.3
		627	82.8	15.47	27.2	91.4	14.46	27.4	98.3	16.11	27.6	105.4	16.88	27.8	108.1	17.21	27.9
	30	209	82.8	15.15	36.7	91.4	18.17	37.5	98.3	20.22	38.1	105.4	21.21	38.7	108.1	21.62	38.9
		418	82.9	14.75	33.3	91.4	17.93	33.7	98.3	19.97	34.1	105.4	20.95	34.3	108.1	21.35	34.4
		627	82.8	16.85	32.3	91.4	17.38	32.5	98.3	19.37	32.7	105.4	20.32	32.9	108.1	20.73	32.9
	35	209	82.9	16.56	41.8	91.4	19.81	42.6	98.3	22.07	43.3	105.4	23.16	43.8	108.1	23.59	44.0
		418	82.9	16.08	38.4	91.4	19.54	38.8	98.3	21.79	39.1	105.4	22.84	39.4	108.1	23.30	39.5
		627	73.7	18.58	37.1	91.4	18.82	37.5	98.3	20.96	37.7	105.4	22.01	37.9	108.1	22.43	38.0
	40	209	74.2	18.31	46.3	81.2	21.97	47.1	87.3	24.43	47.7	93.7	25.63	48.2	96.0	26.14	48.4
		418	75.3	17.83	43.2	81.9	21.66	43.6	88.0	24.13	43.8	94.4	25.33	44.1	97.0	25.80	44.2
		627	66.2	20.23	42.0	83.1	20.88	42.4	89.5	23.25	42.6	95.8	24.39	42.7	98.3	24.85	42.8
	45	209	66.7	19.93	50.9	73.0	23.87	51.6	78.3	26.59	52.2	84.2	27.91	52.7	86.3	28.47	52.9
		418	67.6	19.42	48.0	73.5	23.58	48.3	79.1	26.26	48.6	84.8	27.55	48.9	87.1	28.09	48.9
		627	74.6	6.08	46.8	74.6	22.69	47.2	80.2	25.32	47.4	86.1	26.52	47.6	88.3	27.01	47.6

1-18. AM440FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	209	72.6	5.30	15.3	80.0	6.24	15.9	85.9	6.95	16.4	92.1	7.29	16.8	94.6	7.43	17.0
		418	72.6	5.24	12.7	80.0	6.16	13.0	85.9	6.88	13.2	92.1	7.20	13.4	94.6	7.35	13.5
		627	72.6	5.05	11.8	80.0	5.94	12.0	85.9	6.62	12.1	92.1	6.95	12.3	94.6	7.08	12.3
	15	209	72.6	7.07	20.5	80.0	8.32	21.1	85.9	9.28	21.5	92.1	9.74	22.0	94.6	9.91	22.2
		418	72.6	6.99	17.7	79.9	8.23	18.0	85.9	9.17	18.3	92.1	9.62	18.5	94.6	9.80	18.6
		627	72.6	6.73	16.8	80.1	7.93	17.0	85.9	8.84	17.2	92.1	9.28	17.3	94.6	9.44	17.4
	20	209	72.6	8.52	25.6	80.0	10.03	26.2	85.9	11.19	26.7	92.1	11.72	27.1	94.6	11.94	27.3
		418	72.6	8.42	22.8	80.0	9.91	23.1	85.9	11.06	23.3	92.1	11.58	23.6	94.6	11.82	23.6
		627	72.6	8.12	21.8	80.1	9.57	22.0	85.9	10.66	22.2	92.1	11.17	22.4	94.6	11.37	22.4
	25	209	72.6	10.66	30.7	80.1	12.55	31.4	85.9	13.99	31.9	92.1	14.67	32.3	94.6	14.93	32.5
		418	72.6	10.50	27.8	80.1	12.35	28.2	85.9	13.77	28.4	92.1	14.44	28.7	94.6	14.71	28.7
		627	72.6	10.16	26.9	80.0	11.96	27.1	85.9	13.32	27.3	92.1	14.00	27.4	94.6	14.24	27.5
	30	209	72.6	12.79	35.9	80.1	15.08	36.5	85.9	16.80	37.0	92.1	17.62	37.5	94.6	17.95	37.7
		418	72.6	12.60	32.9	80.1	14.82	33.3	85.9	16.51	33.5	92.1	17.34	33.8	94.6	17.65	33.8
		627	72.6	12.24	31.9	80.1	14.41	32.2	85.9	16.05	32.3	92.1	16.83	32.5	94.6	17.17	32.6
	35	209	72.6	14.01	40.9	80.1	16.52	41.6	85.9	18.40	42.2	92.1	19.30	42.6	94.6	19.67	42.8
		418	72.6	13.66	38.0	80.0	16.09	38.3	85.9	17.94	38.6	92.1	18.81	38.8	94.6	19.17	38.9
		627	72.6	13.32	37.0	80.0	15.67	37.2	85.9	17.46	37.4	92.1	18.29	37.5	94.6	18.64	37.6
	40	209	64.4	15.54	45.5	71.2	18.30	46.1	76.3	20.38	46.6	82.1	21.39	47.1	84.1	21.80	47.3
		418	64.9	15.13	42.7	71.7	17.81	43.1	77.1	19.84	43.3	82.7	20.84	43.5	84.8	21.24	43.6
		627	65.9	14.72	41.8	72.8	17.37	42.1	78.1	19.36	42.2	83.8	20.27	42.4	86.1	20.68	42.4
	45	209	57.8	16.92	50.1	63.9	19.91	50.7	68.6	22.19	51.2	73.6	23.26	51.6	75.5	23.70	51.8
		418	58.3	16.48	47.6	64.4	19.40	47.9	69.2	21.62	48.1	74.3	22.68	48.3	76.1	23.08	48.4
		627	59.1	16.05	46.7	65.4	18.91	46.9	70.3	21.06	47.1	75.3	22.08	47.2	77.2	22.47	47.3
60	10	209	62.1	4.38	14.6	68.6	5.15	15.1	73.7	5.74	15.4	79.2	6.02	15.8	81.1	6.14	16.0
		418	62.1	4.26	12.3	68.5	5.01	12.5	73.7	5.59	12.7	79.2	5.86	12.9	81.1	5.97	13.0
		627	62.1	4.17	11.5	68.5	4.91	11.7	73.7	5.47	11.8	79.2	5.73	11.9	81.0	5.84	12.0
	15	209	62.1	5.84	19.7	68.6	6.87	20.2	73.7	7.66	20.6	79.2	8.04	21.0	81.2	8.20	21.1
		418	62.1	5.68	17.3	68.6	6.70	17.6	73.7	7.46	17.8	79.2	7.82	18.0	81.2	7.97	18.1
		627	62.1	5.57	16.5	68.6	6.56	16.7	73.7	7.30	16.9	79.2	7.65	17.0	81.1	7.81	17.0
	20	209	62.1	7.03	24.7	68.6	8.29	25.3	73.7	9.23	25.7	79.2	9.68	26.1	81.1	9.87	26.2
		418	62.1	6.86	22.4	68.6	8.07	22.6	73.6	8.98	22.8	79.2	9.43	23.0	81.1	9.61	23.1
		627	62.1	6.70	21.6	68.5	7.91	21.7	73.7	8.79	21.9	79.2	9.23	22.0	81.1	9.41	22.1
	25	209	62.1	8.76	29.9	68.6	10.31	30.4	73.7	11.49	30.8	79.2	12.05	31.3	81.1	12.28	31.4
		418	62.1	8.58	27.4	68.6	10.10	27.7	73.7	11.25	27.9	79.2	11.80	28.1	81.1	12.02	28.2
		627	62.1	8.32	26.6	68.6	9.79	26.8	73.6	10.91	26.9	79.2	11.45	27.1	81.1	11.65	27.1
	30	209	62.1	10.47	35.0	68.6	12.31	35.5	73.7	13.73	36.0	79.2	14.38	36.4	81.1	14.68	36.6
		418	62.1	10.24	32.5	68.6	12.06	32.8	73.7	13.45	33.0	79.2	14.10	33.2	81.0	14.38	33.3
		627	62.1	10.00	31.6	68.6	11.76	31.8	73.7	13.10	32.0	79.2	13.75	32.1	81.1	14.01	32.2
	35	209	62.1	11.35	40.0	68.6	13.35	40.6	73.7	14.89	41.1	79.2	15.61	41.5	81.1	15.93	41.7
		418	62.1	11.26	37.5	68.6	13.26	37.8	73.7	14.78	38.0	79.2	15.49	38.2	81.1	15.77	38.3
		627	62.1	10.88	36.7	68.6	12.83	36.9	73.7	14.28	37.0	79.2	15.00	37.2	81.1	15.26	37.2
	40	209	55.2	12.58	44.6	60.9	14.80	45.2	65.5	16.49	45.6	70.3	17.32	46.0	72.1	17.64	46.2
		418	55.7	12.46	42.3	61.4	14.67	42.6	66.1	16.36	42.8	70.8	17.13	43.0	72.7	17.49	43.1
		627	56.5	12.06	41.6	62.3	14.21	41.7	67.0	15.83	41.9	71.9	16.59	42.0	73.7	16.91	42.1
	45	209	49.6	13.69	49.3	54.7	16.12	49.9	58.8	17.93	50.3	63.1	18.84	50.6	64.7	19.20	50.8
		418	50.0	13.57	47.2	55.2	15.95	47.4	59.3	17.81	47.6	63.6	18.68	47.8	65.3	19.01	47.9
		627	50.7	13.13	46.5	56.0	15.47	46.6	60.2	17.23	46.8	64.6	18.06	46.9	66.1	18.41	46.9
50	10	209	51.7	3.34	13.8	57.2	3.93	14.2	61.3	4.38	14.5	66.0	4.60	14.8	67.5	4.68	14.9
		418	51.7	3.28	11.9	57.2	3.87	12.1	61.3	4.31	12.2	66.0	4.52	12.4	67.5	4.60	12.5
		627	51.7	3.22	11.3	57.2	3.78	11.4	61.3	4.22	11.5	66.0	4.43	11.6	67.6	4.52	11.6
	15	209	51.7	4.45	18.9	57.1	5.25	19.3	61.3	5.85	19.6	66.0	6.13	19.9	67.5	6.25	20.1
		418	51.8	4.39	16.9	57.1	5.15	17.1	61.3	5.74	17.3	66.0	6.03	17.5	67.5	6.14	17.5
		627	51.7	4.30	16.3	57.2	5.06	16.4	61.3	5.64	16.5	66.0	5.92	16.6	67.5	6.02	16.7
	20	209	51.7	5.37	23.9	57.1	6.32	24.4	61.3	7.05	24.7	66.0	7.39	25.0	67.5	7.53	25.1
		418	51.7	5.28	22.0	57.1	6.22	22.2	61.3	6.93	22.3	66.0	7.27	22.5	67.5	7.41	22.6
		627	51.7	5.18	21.3	57.1	6.10	21.4	61.3	6.79	21.6	66.0	7.12	21.7	67.5	7.26	21.7
	25	209	51.7	6.73	29.0	57.1	7.93	29.5	61.3	8.83	29.8	66.0	9.27	30.2	67.5	9.42	30.3
		418	51.7	6.53	27.0	57.2	7.69	27.2	61.3	8.56	27.4	66.0	8.99	27.6	67.6	9.15	27.6
		627	51.7	6.47	26.3	57.1	7.61	26.5	61.3	8.48	26.6	66.0	8.90	26.7	67.5	9.06	26.8
	30	209	51.7	8.11	34.1	57.2	9.57	34.6	61.3	10.66	34.9	66.0	11.18	35.3	67.5	11.38	35.4
		418	51.7	7.89	32.0	57.1	9.29	32.3	61.3	10.34	32.5	66.0	10.85	32.6	67.5	11.05	32.7
		627	51.7	7.74	31.4	57.1	9.11	31.5	61.3	10.15	31.6	66.0	10.65	31.8	67.5	10.84	31.8
	35	209	51.7	8.82	39.2	57.1	10.37	39.6	61.3	11.56	40.0	66.0	12.12	40.4	67.5	12.35	40.5
		418	51.7	8.57	37.1	57.1	10.10	37.3	61.3	11.24	37.5	66.0	11.80	37.7	67.5	12.02	37.7
		627	51.8	8.34	36.4	57.1	9.81	36.5	61.3	10.94	36.7	66.0	11.47	36.8	67.5	11.67	36.8
	40	209	46.0	9.76	43.8	50.8	11.48	44.3	54.6	12.81	44.6	58.6	13.44	44.9	60.0	13.69	45.1
		418	46.5	9.50	41.9	51.2	11.17	42.1	55.0	12.47	42.3	59.0	13.07	42.5	60.6	13.31	42.5
		627	47.1	9.24	41.3	52.0	10.87	41.4	55.9	12.11	41.6	59.9	12.70	41.7	61.4	12.94	41.7
	45	209	41.3	10.63	48.6	45.6	12.53	49.0	49.0	13.94	49.3	52.6	14.62	49.6	53.9	14.88	49.7
		418	41.7	10.34	46.8	46.1	12.16	47.0	49.4	13.56	47.2	53.0	14.22	47.3	54.4	14.50	47.4
		627	42.3	10.04	46.2	46.6	11.82	46.3	50.1	13.18	46.4	53.8	13.83	46.5	55.2	14.09	46.6

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	209	157.9	33.34	1.5	154.3	32.10	1.6	147.5	31.18	2.0	138.7	29.07	2.5	133.1	26.63	2.7
		418	161.2	32.22	5.6	156.8	31.54	5.7	150.4	30.73	5.9	141.6	28.54	6.1	135.8	26.23	6.2
		627	170.2	32.47	6.9	166.9	31.68	6.9	160.7	30.47	7.0	151.5	28.44	7.2	145.2	26.56	7.3
	15	209	174.3	29.56	5.1	169.7	28.19	5.3	162.8	27.29	5.7	152.9	25.40	6.3	146.5	23.34	6.6
		418	178.6	27.58	9.8	174.3	27.40	10.0	168.1	26.87	10.2	158.2	24.79	10.4	150.8	22.69	10.6
		627	177.6	28.72	11.6	175.4	28.18	11.6	171.2	26.97	11.7	160.6	24.88	11.9	153.9	23.88	12.0
	20	209	178.9	28.03	9.7	175.3	26.87	9.8	168.8	25.76	10.2	158.9	23.55	10.7	151.5	22.36	11.1
		418	182.0	26.46	14.7	180.4	26.40	14.7	174.0	25.56	14.9	163.9	24.06	15.2	157.1	23.12	15.4
		627	181.8	26.74	16.5	179.4	26.25	16.5	177.4	25.92	16.5	165.8	24.26	16.8	158.6	23.41	16.9
	25	209	185.2	26.04	14.1	179.6	25.65	14.4	176.3	25.06	14.6	166.7	23.60	15.2	160.2	22.37	15.5
		418	182.7	25.33	19.6	179.7	25.70	19.7	176.4	24.86	19.8	166.8	23.52	20.1	160.2	22.24	20.3
		627	181.0	25.18	21.4	179.8	24.55	21.5	176.5	24.60	21.5	167.0	23.33	21.7	160.5	21.30	21.8
	30	209	181.3	23.40	19.2	179.7	23.58	19.3	176.4	23.82	19.5	166.9	21.93	20.1	160.3	21.07	20.5
		418	181.4	22.81	24.6	179.8	23.69	24.6	176.2	23.31	24.8	166.8	21.95	25.0	160.3	20.08	25.2
		627	181.5	22.62	26.4	179.7	22.37	26.4	176.4	22.78	26.5	166.9	20.97	26.7	160.1	20.54	26.8
	35	209	181.5	22.01	24.1	179.8	22.69	24.2	176.5	23.56	24.5	166.9	21.47	25.0	160.3	19.85	25.4
		418	181.5	22.06	29.5	179.8	23.05	29.6	176.2	23.15	29.8	166.9	21.56	30.0	160.2	19.76	30.2
		627	181.5	21.69	31.3	179.6	22.27	31.4	176.4	22.63	31.5	166.7	20.61	31.7	160.3	18.93	31.8
	40	209	181.5	20.48	29.0	179.8	21.28	29.1	176.5	22.78	29.5	166.8	20.94	30.0	160.4	19.40	30.3
		418	181.5	20.54	34.5	179.6	21.60	34.6	176.3	22.09	34.7	166.8	20.65	35.0	160.2	19.08	35.2
		627	181.5	20.34	36.3	179.9	20.71	36.4	176.5	22.30	36.5	167.0	20.31	36.6	160.4	18.72	36.8
	45	209	181.6	18.05	33.8	179.7	18.91	34.0	176.2	21.19	34.4	166.7	19.52	34.9	160.3	18.19	35.3
		418	181.4	18.21	39.4	179.9	19.26	39.5	176.4	20.11	39.6	166.9	18.76	39.9	160.2	17.58	40.1
		627	181.5	18.28	41.3	179.6	18.21	41.3	176.4	21.05	41.4	166.8	19.00	41.6	160.3	17.88	41.7
120	10	209	150.6	33.07	1.9	147.1	31.95	2.1	140.3	30.98	2.5	132.0	28.66	2.9	126.0	26.27	3.2
		418	152.9	32.65	5.9	149.2	31.77	6.0	141.8	30.74	6.2	134.1	28.31	6.4	127.9	25.76	6.5
		627	161.7	32.10	7.0	156.1	31.27	7.1	151.6	30.46	7.2	143.2	28.16	7.4	136.5	25.69	7.5
	15	209	165.9	29.00	5.6	161.1	27.97	5.9	154.8	26.91	6.2	145.8	25.03	6.7	138.7	22.96	7.1
		418	168.7	28.44	10.2	165.2	27.89	10.3	158.4	26.86	10.5	149.0	24.77	10.7	141.6	22.39	10.9
		627	168.0	28.01	11.8	163.7	27.31	11.9	160.1	26.96	12.0	150.7	24.89	12.1	143.3	22.58	12.2
	20	209	169.0	26.86	10.3	165.4	25.82	10.4	158.8	24.60	10.8	149.5	22.78	11.3	141.9	21.70	11.8
		418	171.0	26.08	15.0	168.9	25.88	15.1	162.3	24.91	15.3	152.9	23.21	15.6	145.8	21.81	15.7
		627	170.4	26.03	16.7	166.1	25.45	16.8	164.6	25.04	16.8	154.6	23.46	17.0	147.0	22.21	17.1
	25	209	174.0	24.64	14.8	167.8	23.76	15.1	163.6	23.20	15.4	154.7	21.73	15.9	148.0	20.52	16.3
		418	171.9	23.95	19.9	167.9	23.82	20.1	163.3	23.34	20.2	154.4	21.60	20.4	148.1	20.42	20.6
		627	171.4	22.95	21.6	168.0	22.76	21.7	163.6	22.94	21.8	154.6	21.95	22.0	148.5	19.49	22.1
	30	209	171.4	21.66	19.7	167.8	21.78	20.0	163.4	21.67	20.3	154.6	19.72	20.8	148.2	18.87	21.1
		418	171.6	21.15	24.8	167.8	21.57	25.0	163.6	21.33	25.1	154.5	19.65	25.4	148.3	17.95	25.5
		627	171.4	20.40	26.5	168.0	20.42	26.6	163.5	20.77	26.7	154.7	19.31	26.9	148.4	18.36	27.0
	35	209	171.5	20.30	24.6	167.7	20.56	24.9	163.5	21.08	25.2	154.4	19.17	25.7	148.2	17.64	26.0
		418	171.6	19.87	29.8	167.7	20.52	30.0	163.6	20.34	30.1	154.7	18.76	30.3	148.2	17.22	30.5
		627	171.5	19.18	31.5	167.6	19.98	31.6	163.5	20.43	31.7	154.7	18.47	31.9	148.1	16.93	32.0
	40	209	171.5	18.85	29.5	167.7	18.96	29.8	163.5	19.96	30.2	154.6	18.20	30.6	148.3	16.80	31.0
		418	171.4	18.11	34.7	167.7	18.85	34.9	163.5	19.18	35.1	154.4	17.86	35.3	148.2	16.40	35.5
		627	171.7	18.08	36.5	167.7	18.11	36.6	163.5	19.37	36.7	154.8	17.54	36.9	148.4	16.10	37.0
	45	209	171.3	16.65	34.4	168.0	16.54	34.6	163.4	18.03	35.0	154.6	16.49	35.5	148.2	15.28	35.9
		418	171.6	15.60	39.6	167.9	16.34	39.8	163.6	17.33	40.0	154.6	16.08	40.3	148.2	14.95	40.4
		627	171.7	16.28	41.4	167.6	15.60	41.5	163.6	17.61	41.7	154.7	15.80	41.8	148.3	14.72	41.9
110	10	209	144.1	33.40	2.4	139.7	32.14	2.6	132.7	31.07	3.0	125.5	28.62	3.4	118.7	26.26	3.7
		418	145.5	32.81	6.1	140.9	31.78	6.3	134.0	30.72	6.5	127.0	28.36	6.6	120.0	25.77	6.8
		627	153.8	32.36	7.2	149.4	31.26	7.3	142.9	30.25	7.4	134.8	27.90	7.6	127.6	25.71	7.7
	15	209	158.5	29.18	6.1	153.3	28.21	6.4	146.5	27.07	6.8	138.4	25.04	7.2	130.7	22.96	7.6
		418	160.0	28.22	10.5	155.6	27.84	10.6	148.4	26.86	10.8	139.7	24.77	11.1	132.4	22.36	11.2
		627	159.6	28.12	12.0	155.1	27.32	12.1	149.5	26.42	12.2	140.6	24.32	12.3	132.9	22.59	12.5
	20	209	160.3	26.06	10.8	155.5	25.38	11.1	148.8	24.27	11.5	139.7	22.41	12.0	132.3	21.01	12.4
		418	161.4	25.49	15.3	156.7	25.02	15.5	150.5	24.10	15.7	141.8	22.51	15.9	134.0	20.79	16.1
		627	161.3	25.75	16.9	156.8	24.92	17.0	151.9	24.26	17.1	142.7	22.13	17.2	135.3	21.05	17.4
	25	209	162.8	22.98	15.4	156.5	22.28	15.8	151.4	21.86	16.1	142.7	20.17	16.6	135.6	18.70	17.0
		418	161.7	22.54	20.2	156.6	22.16	20.4	151.4	21.70	20.6	142.9	20.04	20.8	135.6	18.53	21.0
		627	161.5	22.91	21.8	156.6	22.20	21.9	151.4	21.29	22.0	142.7	20.38	22.2	135.7	17.70	22.3
	30	209	161.5	19.33	20.2	156.7	19.63	20.6	151.3	19.29	20.9	142.9	17.88	21.4	135.6	16.35	21.8
		418	161.5	19.17	25.1	156.5	19.48	25.3	151.5	18.92	25.5	142.8	17.73	25.7	135.6	15.75	25.9
		627	161.4	19.21	26.7	156.5	18.58	26.8	151.5	18.38	27.0	142.8	16.94	27.1	135.6	16.13	27.3
	35	209	161.6	17.98	25.1	156.5	17.99	25.5	151.4	18.27	25.9	142.8	16.49	26.3	135.6	15.05	26.7
		418	161.7	17.94	30.1	156.6	18.34	30.3	151.4	17.85	30.4	142.7	16.46	30.7	135.6	14.94	30.9
		627	161.5	16.94	31.7	156.4	17.43	31.8	151.5	17.39	31.9	142.7	16.19	32.1	135.6	14.68	32.2
	40	209	161.8	16.27	30.0	156.5	16.76	30.4	151.3	17.11	30.8	142.6	15.49	31.3	135.6	14.15	31.7
		418	161.4	16.25	35.0	156.7	16.67	35.2	151.3	16.34	35.4	142.7	15.46	35.6	135.7	14.14	35.8
		627	161.5	16.17	36.7	156.7	15.78	36.8	151.2	16.50	36.9	142.7	14.58	37.1	135.6	13.30	37.2
	45	209	161.7	13.92	34.9	156.6	14.71	35.3	151.3	15.27	35.7	142.6	13.91	36.2	135.7	12.73	36.6
		418	161.7	13.87	39.9	156.7	14.32	40.1	151.3	14.16	40.3	142.8	13.76	40.6	135.7	12.72	40.8
		627	161.6	14.80	41.6	156.6	13.49	41.7	151.4	15.02	41.9	142.7	12.42	42.0	135.6	11.38	42.2

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2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	209	137.9	33.64	2.8	132.0	32.62	3.2	125.6	31.27	3.5	118.6	28.83	3.8	111.6	26.04	4.1
		418	138.7	33.35	6.4	132.6	32.33	6.6	126.0	30.93	6.7	119.2	28.51	6.9	112.1	25.75	7.0
		627	146.7	32.76	7.4	140.3	31.79	7.5	133.6	30.43	7.6	126.4	28.06	7.8	118.7	25.35	7.9
	15	209	151.8	29.38	6.6	145.2	28.54	7.0	138.6	27.27	7.4	130.8	25.19	7.8	122.8	22.77	8.1
		418	151.8	29.13	10.8	145.2	28.27	11.0	138.6	27.06	11.2	130.8	24.93	11.4	122.8	22.53	11.6
		627	151.8	28.59	12.2	145.2	27.78	12.3	138.6	26.58	12.4	130.8	24.49	12.6	122.8	22.16	12.7
	20	209	151.8	25.90	11.4	145.2	25.14	11.8	138.6	24.02	12.1	130.8	22.17	12.6	122.8	20.05	13.0
		418	151.8	25.63	15.7	145.2	24.89	15.9	138.6	23.88	16.1	130.8	21.93	16.3	122.8	19.83	16.5
		627	151.8	25.18	17.1	145.2	24.46	17.2	138.6	23.39	17.4	130.8	21.55	17.5	122.8	19.50	17.6
	25	209	151.8	21.96	16.1	145.2	21.33	16.5	138.6	20.39	16.9	130.8	18.79	17.3	122.8	16.99	17.7
		418	151.8	21.72	20.5	145.2	21.08	20.7	138.6	20.19	20.9	130.8	18.61	21.2	122.8	16.80	21.4
		627	151.8	21.36	22.0	145.2	20.73	22.2	138.6	19.82	22.3	130.8	18.31	22.4	122.8	16.53	22.6
	30	209	151.8	18.37	20.8	145.2	17.84	21.3	138.6	17.05	21.7	130.8	15.73	22.1	122.8	14.21	22.6
		418	151.8	18.17	25.4	145.2	17.67	25.6	138.6	16.91	25.8	130.8	15.58	26.0	122.8	14.07	26.3
		627	151.8	17.87	26.9	145.2	17.37	27.1	138.6	16.61	27.2	130.8	15.31	27.4	122.8	13.83	27.5
	35	209	151.8	16.69	25.7	145.2	16.20	26.2	138.6	15.48	26.6	130.8	14.30	27.0	122.8	12.91	27.5
		418	151.8	16.53	30.4	145.2	16.03	30.6	138.6	15.34	30.8	130.8	14.15	31.0	122.8	12.80	31.2
		627	151.8	16.24	31.9	145.2	15.76	32.0	138.6	15.09	32.2	130.8	13.93	32.3	122.8	12.58	32.5
	40	209	151.8	15.01	30.6	145.2	14.58	31.0	138.6	13.94	31.5	130.8	12.86	31.9	122.8	11.62	32.4
		418	151.8	14.87	35.3	145.2	14.44	35.5	138.6	13.81	35.7	130.8	12.74	36.0	122.8	11.51	36.2
		627	151.8	14.61	36.9	145.2	14.19	37.0	138.6	13.56	37.1	130.8	12.51	37.3	122.8	11.29	37.5
	45	209	151.8	12.76	35.5	145.2	12.36	35.9	138.6	11.82	36.3	130.8	10.93	36.8	122.8	9.87	37.3
		418	151.8	12.62	40.2	145.2	12.25	40.4	138.6	11.72	40.6	130.8	10.81	40.9	122.8	9.76	41.1
		627	151.8	12.41	41.8	145.2	12.03	42.0	138.6	11.53	42.1	130.8	10.63	42.3	122.8	9.61	42.4
90	10	209	124.2	31.83	3.7	118.6	30.92	4.0	112.9	29.57	4.3	106.9	27.29	4.5	100.3	24.64	4.8
		418	124.7	31.45	6.8	119.1	30.51	7.0	113.5	29.21	7.1	107.4	26.94	7.2	101.0	24.35	7.4
		627	131.9	31.08	7.7	126.3	30.21	7.8	120.1	28.88	7.9	113.8	26.66	8.0	106.8	24.06	8.1
	15	209	136.5	27.84	7.5	130.6	27.05	7.9	124.4	25.84	8.2	117.7	23.84	8.6	110.7	21.54	8.9
		418	136.5	27.49	11.3	130.6	26.64	11.4	124.4	25.49	11.6	117.7	23.54	11.8	110.7	21.26	11.9
		627	136.5	27.15	12.5	130.6	26.37	12.6	124.4	25.24	12.7	117.7	23.29	12.8	110.7	21.03	13.0
	20	209	136.5	24.50	12.3	130.6	23.77	12.7	124.4	22.76	13.0	117.7	20.99	13.4	110.7	18.95	13.7
		418	136.5	24.19	16.1	130.6	23.46	16.3	124.4	22.46	16.5	117.7	20.73	16.7	110.7	18.73	16.8
		627	136.5	23.92	17.4	130.6	23.23	17.5	124.3	22.22	17.7	117.7	20.47	17.8	110.7	18.50	17.9
	25	209	136.5	20.87	17.1	130.6	20.24	17.4	124.5	19.36	17.8	117.7	17.87	18.2	110.7	16.14	18.5
		418	136.5	20.62	21.0	130.6	20.02	21.2	124.4	19.13	21.4	117.7	17.66	21.6	110.7	15.93	21.8
		627	136.5	20.18	22.3	130.6	19.61	22.5	124.3	18.76	22.6	117.7	17.30	22.7	110.7	15.62	22.8
	30	209	136.5	17.40	21.8	130.6	16.89	22.2	124.3	16.18	22.6	117.7	14.91	23.0	110.7	13.47	23.3
		418	136.5	17.19	25.9	130.6	16.70	26.1	124.5	15.96	26.3	117.7	14.74	26.5	110.7	13.31	26.7
		627	136.5	17.01	27.3	130.6	16.51	27.4	124.3	15.80	27.5	117.7	14.57	27.6	110.7	13.17	27.8
	35	209	136.5	15.79	26.7	130.6	15.32	27.1	124.4	14.66	27.5	117.7	13.54	27.9	110.7	12.21	28.2
		418	136.5	15.61	30.9	130.6	15.15	31.0	124.5	14.50	31.2	117.7	13.39	31.4	110.7	12.08	31.6
		627	136.5	15.43	32.2	130.6	14.97	32.4	124.3	14.32	32.5	117.7	13.23	32.6	110.7	11.95	32.7
	40	209	136.5	14.21	31.6	130.6	13.80	32.0	124.3	13.18	32.4	117.7	12.17	32.8	110.7	10.99	33.2
		418	136.5	14.05	35.8	130.6	13.65	36.0	124.5	13.04	36.2	117.7	12.04	36.4	110.7	10.88	36.6
		627	136.5	13.87	37.2	130.6	13.47	37.3	124.5	12.89	37.4	117.7	11.89	37.6	110.7	10.75	37.7
	45	209	136.5	12.07	36.5	130.6	11.71	36.8	124.4	11.20	37.2	117.7	10.33	37.6	110.7	9.33	38.0
		418	136.5	11.92	40.7	130.6	11.58	40.9	124.5	11.09	41.1	117.7	10.23	41.3	110.7	9.23	41.5
		627	136.5	11.79	42.1	130.6	11.44	42.3	124.4	10.96	42.4	117.7	10.10	42.5	110.7	9.13	42.7
80	10	209	110.3	28.33	4.4	105.4	27.46	4.7	100.4	26.28	4.9	95.0	24.26	5.1	89.2	21.90	5.4
		418	110.8	28.00	7.2	106.1	27.20	7.3	100.9	26.01	7.4	95.5	23.99	7.5	89.7	21.69	7.7
		627	117.3	27.76	8.0	112.3	26.94	8.0	106.9	25.82	8.1	101.1	23.82	8.2	95.0	21.51	8.3
	15	209	121.4	24.73	8.4	116.2	24.01	8.7	110.7	22.99	9.0	104.4	21.18	9.3	98.3	19.14	9.6
		418	121.3	24.46	11.7	116.2	23.78	11.8	110.7	22.76	12.0	104.4	20.97	12.1	98.3	18.97	12.3
		627	121.3	24.29	12.8	116.2	23.58	12.9	110.7	22.54	13.0	104.3	20.81	13.1	98.3	18.78	13.2
	20	209	121.4	21.75	13.2	116.2	21.11	13.5	110.7	20.21	13.8	104.5	18.65	14.1	98.3	16.85	14.4
		418	121.3	21.57	16.6	116.2	20.91	16.7	110.7	20.02	16.9	104.5	18.46	17.1	98.3	16.68	17.2
		627	121.4	21.36	17.7	116.2	20.76	17.8	110.7	19.86	17.9	104.4	18.32	18.0	98.3	16.54	18.1
	25	209	121.3	18.67	18.0	116.2	18.11	18.3	110.7	17.32	18.6	104.3	15.99	18.9	98.3	14.45	19.2
		418	121.2	18.37	21.5	116.2	17.84	21.6	110.7	17.06	21.8	104.5	15.76	22.0	98.3	14.24	22.1
		627	121.3	18.05	22.6	116.2	17.53	22.7	110.7	16.79	22.9	104.5	15.48	23.0	98.3	13.97	23.1
	30	209	121.3	15.45	22.7	116.2	15.02	23.1	110.7	14.35	23.4	104.4	13.25	23.8	98.3	11.97	24.1
		418	121.3	15.40	26.4	116.2	14.94	26.5	110.7	14.29	26.7	104.4	13.19	26.9	98.3	11.90	27.0
		627	121.3	15.13	27.6	116.2	14.70	27.7	110.7	14.05	27.8	104.3	12.96	27.9	98.3	11.72	28.0
	35	209	121.3	14.11	27.6	116.2	13.70	28.0	110.7	13.10	28.3	104.3	12.09	28.7	98.3	10.92	29.0
		418	121.3	14.03	31.3	116.2	13.61	31.5	110.7	13.04	31.7	104.4	12.02	31.8	98.3	10.85	32.0
		627	121.3	13.69	32.5	116.2	13.30	32.6	110.7	12.74	32.8	104.4	11.75	32.9	98.3	10.61	33.0
	40	209	121.3	12.71	32.6	116.2	12.33	32.9	110.7	11.80	33.2	104.4	10.87	33.6	98.3	9.83	33.9
		418	121.3	12.62	36.3	116.2	12.27	36.4	110.7	11.72	36.6	104.3	10.81	36.8	98.3	9.77	37.0
		627	121.4	12.34	37.5	116.2	11.99	37.6	110.7	11.46	37.7	104.4	10.56	37.9	98.3	9.54	38.0
	45	209	121.3	10.77	37.4	116.2	10.47	37.7	110.7	10.02	38.1	104.4	9.24	38.5	98.3	8.34	38.8
		418	121.3	10.72	41.2	116.2	10.41	41.4	110.7	9.95	41.5	104.4	9.17	41.7	98.3	8.29	41.9
		627	121.2	10.48	42.5	116.2	10.16	42.6	110.7	9.72	42.7	104.4	8.97	42.8	98.3	8.11	42.9

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	209	96.4	23.45	5.0	92.3	22.73	5.2	87.9	21.79	5.5	83.1	20.10	5.7	78.1	18.12	5.9
		418	96.9	23.32	7.5	92.8	22.67	7.6	88.3	21.67	7.7	83.6	19.98	7.8	78.4	18.05	7.9
		627	102.7	22.80	8.2	98.2	22.16	8.3	93.5	21.22	8.3	88.4	19.55	8.4	83.1	17.68	8.5
	15	209	106.3	20.51	9.1	101.6	19.89	9.4	96.8	19.04	9.7	91.6	17.57	9.9	86.1	15.86	10.2
		418	106.3	20.40	12.1	101.7	19.82	12.2	96.8	18.95	12.3	91.6	17.48	12.5	86.1	15.79	12.6
		627	106.3	19.96	13.0	101.6	19.38	13.1	96.8	18.53	13.2	91.6	17.06	13.3	86.1	15.44	13.4
	20	209	106.3	18.04	13.9	101.6	17.51	14.2	96.8	16.76	14.5	91.6	15.47	14.8	86.1	13.96	15.1
		418	106.3	17.96	17.0	101.6	17.43	17.1	96.8	16.67	17.3	91.6	15.39	17.4	86.1	13.89	17.5
		627	106.3	17.56	18.0	101.6	17.04	18.1	96.8	16.31	18.2	91.6	15.03	18.2	86.1	13.59	18.3
	25	209	106.3	15.38	18.8	101.6	14.91	19.1	96.8	14.27	19.3	91.6	13.17	19.6	86.1	11.90	19.9
		418	106.3	15.22	21.9	101.7	14.80	22.0	96.8	14.14	22.2	91.6	13.06	22.3	86.1	11.77	22.5
		627	106.3	14.95	22.9	101.6	14.52	23.0	96.8	13.90	23.1	91.6	12.81	23.2	86.1	11.58	23.3
	30	209	106.3	12.85	23.6	101.5	12.48	23.9	96.8	11.93	24.2	91.6	10.99	24.5	86.1	9.94	24.8
		418	106.3	12.73	26.8	101.6	12.37	26.9	96.8	11.83	27.1	91.6	10.91	27.2	86.1	9.85	27.4
		627	106.3	12.55	27.9	101.7	12.17	28.0	96.8	11.64	28.1	91.6	10.74	28.2	86.1	9.72	28.3
	35	209	106.3	11.76	28.5	101.7	11.41	28.8	96.8	10.92	29.1	91.6	10.07	29.4	86.1	9.10	29.7
		418	106.3	11.53	31.8	101.6	11.20	31.9	96.8	10.71	32.0	91.6	9.89	32.2	86.1	8.93	32.4
		627	106.3	11.42	32.8	101.6	11.07	32.9	96.8	10.58	33.0	91.6	9.78	33.1	86.1	8.82	33.2
	40	209	106.3	10.58	33.4	101.6	10.26	33.7	96.8	9.83	34.0	91.6	9.06	34.3	86.1	8.18	34.7
		418	106.3	10.38	36.7	101.6	10.08	36.9	96.8	9.64	37.0	91.6	8.90	37.2	86.1	8.05	37.3
		627	106.3	10.26	37.8	101.6	9.96	37.9	96.8	9.52	38.0	91.6	8.79	38.1	86.1	7.94	38.2
	45	209	106.3	8.98	38.3	101.6	8.73	38.6	96.8	8.34	38.9	91.6	7.69	39.2	86.1	6.96	39.6
		418	106.3	8.82	41.7	101.6	8.57	41.8	96.8	8.19	42.0	91.6	7.55	42.1	86.1	6.83	42.3
		627	106.3	8.71	42.8	101.7	8.45	42.9	96.8	8.09	43.0	91.6	7.46	43.1	86.1	6.74	43.2
60	10	209	82.7	19.37	5.7	79.2	18.82	5.9	75.4	17.99	6.1	71.2	16.58	6.3	67.0	15.00	6.4
		418	83.1	19.00	7.8	79.4	18.42	7.9	75.7	17.65	8.0	71.5	16.28	8.1	67.2	14.71	8.2
		627	88.0	18.85	8.4	84.2	18.31	8.5	80.1	17.52	8.6	75.8	16.15	8.6	71.2	14.58	8.7
	15	209	91.0	16.93	9.9	87.2	16.44	10.1	82.9	15.72	10.4	78.4	14.49	10.6	73.7	13.10	10.8
		418	91.0	16.58	12.4	87.2	16.11	12.6	82.9	15.42	12.7	78.4	14.22	12.8	73.7	12.84	12.9
		627	91.0	16.48	13.3	87.2	16.01	13.4	82.9	15.29	13.5	78.4	14.12	13.5	73.7	12.74	13.6
	20	209	91.0	14.91	14.8	87.2	14.46	15.0	83.0	13.84	15.3	78.4	12.76	15.5	73.7	11.54	15.7
		418	91.0	14.59	17.4	87.2	14.18	17.5	82.9	13.56	17.6	78.5	12.51	17.7	73.7	11.29	17.9
		627	91.0	14.49	18.3	87.2	14.06	18.3	83.0	13.47	18.4	78.5	12.41	18.5	73.7	11.22	18.6
	25	209	91.0	12.60	19.6	87.2	12.26	19.9	82.9	11.72	20.1	78.5	10.80	20.4	73.7	9.76	20.6
		418	91.0	12.44	22.3	87.2	12.09	22.4	82.9	11.56	22.6	78.4	10.66	22.7	73.6	9.63	22.8
		627	91.0	12.23	23.2	87.2	11.86	23.3	82.9	11.35	23.4	78.5	10.47	23.4	73.6	9.47	23.5
	30	209	91.0	10.50	24.5	87.2	10.20	24.7	82.9	9.75	25.0	78.5	8.99	25.2	73.7	8.12	25.5
		418	91.0	10.36	27.2	87.2	10.04	27.4	83.0	9.62	27.5	78.5	8.88	27.6	73.7	8.01	27.7
		627	91.0	10.24	28.2	87.2	9.93	28.2	82.9	9.51	28.3	78.5	8.77	28.4	73.7	7.92	28.5
	35	209	91.0	9.51	29.4	87.2	9.23	29.7	82.9	8.83	29.9	78.4	8.16	30.2	73.7	7.36	30.4
		418	91.0	9.51	32.2	87.2	9.22	32.3	82.9	8.83	32.5	78.5	8.14	32.6	73.7	7.36	32.7
		627	91.0	9.33	33.1	87.2	9.07	33.2	82.9	8.67	33.3	78.5	7.99	33.4	73.7	7.22	33.5
	40	209	91.0	8.56	34.3	87.2	8.31	34.6	82.9	7.95	34.9	78.5	7.34	35.1	73.6	6.63	35.4
		418	91.0	8.55	37.2	87.2	8.30	37.3	82.9	7.95	37.4	78.4	7.32	37.6	73.7	6.62	37.7
		627	91.0	8.39	38.1	87.2	8.15	38.2	82.9	7.79	38.3	78.4	7.20	38.4	73.6	6.50	38.5
	45	209	91.0	7.27	39.3	87.2	7.05	39.5	82.9	6.74	39.8	78.5	6.23	40.0	73.7	5.62	40.3
		418	91.0	7.25	42.1	87.2	7.05	42.3	82.9	6.74	42.4	78.5	6.22	42.5	73.7	5.62	42.7
		627	91.0	7.13	43.1	87.2	6.92	43.2	82.9	6.61	43.3	78.5	6.11	43.3	73.6	5.51	43.4
50	10	209	68.9	14.78	6.3	65.9	14.35	6.5	62.7	13.73	6.6	59.3	12.65	6.8	55.8	11.44	7.0
		418	69.2	14.64	8.1	66.3	14.21	8.2	63.1	13.59	8.3	59.6	12.53	8.4	56.0	11.32	8.5
		627	73.4	14.56	8.7	70.1	14.13	8.7	66.7	13.51	8.8	63.2	12.48	8.8	59.4	11.25	8.9
	15	209	75.9	12.91	10.7	72.6	12.53	10.9	69.2	12.00	11.1	65.4	11.06	11.3	61.5	10.00	11.5
		418	75.9	12.79	12.8	72.6	12.40	12.9	69.2	11.87	13.0	65.4	10.96	13.1	61.5	9.89	13.2
		627	75.8	12.73	13.6	72.6	12.35	13.6	69.2	11.80	13.7	65.4	10.90	13.8	61.5	9.84	13.8
	20	209	75.9	11.37	15.6	72.5	11.02	15.8	69.2	10.56	16.0	65.4	9.73	16.2	61.5	8.80	16.4
		418	75.9	11.25	17.8	72.6	10.93	17.9	69.2	10.46	18.0	65.3	9.63	18.1	61.5	8.72	18.2
		627	75.9	11.20	18.5	72.6	10.88	18.6	69.2	10.41	18.7	65.3	9.59	18.7	61.5	8.66	18.8
	25	209	75.8	9.69	20.5	72.6	9.41	20.7	69.2	9.00	20.9	65.3	8.30	21.1	61.5	7.49	21.3
		418	75.8	9.47	22.7	72.5	9.19	22.8	69.2	8.80	22.9	65.4	8.12	23.0	61.5	7.33	23.1
		627	75.9	9.52	23.5	72.5	9.23	23.6	69.2	8.84	23.6	65.4	8.15	23.7	61.5	7.36	23.8
	30	209	75.8	8.15	25.4	72.5	7.91	25.6	69.2	7.57	25.8	65.3	6.97	26.0	61.5	6.31	26.2
		418	75.9	7.97	27.7	72.6	7.73	27.8	69.2	7.40	27.9	65.4	6.83	28.0	61.5	6.18	28.1
		627	75.9	7.93	28.4	72.5	7.69	28.5	69.2	7.35	28.6	65.3	6.79	28.7	61.5	6.14	28.7
	35	209	75.8	7.39	30.3	72.5	7.17	30.5	69.2	6.86	30.7	65.4	6.34	31.0	61.5	5.72	31.2
		418	75.8	7.23	32.6	72.6	7.03	32.8	69.2	6.73	32.9	65.3	6.21	33.0	61.5	5.60	33.1
		627	75.9	7.13	33.4	72.5	6.92	33.5	69.2	6.63	33.6	65.4	6.12	33.6	61.5	5.52	33.7
	40	209	75.9	6.64	35.2	72.5	6.46	35.5	69.2	6.17	35.7	65.3	5.70	35.9	61.5	5.15	36.1
		418	75.9	6.51	37.6	72.5	6.33	37.7	69.2	6.05	37.8	65.4	5.58	37.9	61.5	5.04	38.1
		627	75.9	6.42	38.4	72.6	6.23	38.5	69.2	5.96	38.6	65.3	5.51	38.6	61.5	4.97	38.7
	45	209	75.9	5.65	40.2	72.6	5.48	40.4	69.2	5.24	40.6	65.3	4.84	40.9	61.5	4.37	41.1
		418	75.9	5.53	42.6	72.5	5.37	42.7	69.2	5.13	42.8	65.4	4.74	42.9	61.5	4.28	43.0
		627	75.8	5.46	43.4	72.6	5.30	43.5	69.2	5.06	43.5	65.4	4.68	43.6	61.5	4.22	43.7

1-19. AM480FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	230	134.4	9.63	19.0	148.1	11.44	19.9	159.1	12.57	20.7	170.4	13.34	21.5	174.8	13.48	21.7
		460	134.4	9.40	14.5	148.1	11.10	15.0	159.2	12.38	15.3	170.4	13.02	15.7	175.0	13.28	15.9
		690	134.5	9.29	13.0	147.8	10.94	13.3	159.4	12.02	13.6	170.3	12.62	13.8	175.1	12.96	13.9
	15	230	132.1	12.39	24.0	145.4	14.73	25.0	157.1	16.36	25.8	167.5	17.15	26.5	171.9	17.50	26.8
		460	132.2	12.21	19.5	145.5	14.41	20.0	156.9	16.07	20.4	167.6	16.88	20.7	172.0	17.23	20.9
		690	132.0	11.92	18.0	145.4	14.05	18.3	157.0	15.56	18.6	167.5	16.32	18.8	172.1	16.84	18.9
	20	230	130.3	14.80	29.0	143.7	17.36	30.0	155.0	19.33	30.9	164.9	20.31	31.5	169.7	20.70	31.9
		460	130.3	14.50	24.5	143.8	17.04	25.0	155.1	19.02	25.4	165.3	20.05	25.8	169.8	20.45	25.9
		690	130.2	14.01	23.0	143.6	16.54	23.3	154.8	18.53	23.6	165.0	19.28	23.8	169.6	19.88	23.9
	25	230	130.2	18.59	34.3	143.7	21.89	35.3	154.8	24.36	36.2	165.0	25.59	36.9	169.9	26.06	37.2
		460	130.2	18.29	29.6	143.8	21.57	30.2	155.1	23.92	30.6	165.0	25.26	30.9	169.9	25.66	31.1
		690	130.3	17.69	28.1	143.7	20.87	28.4	155.1	23.29	28.7	165.2	24.44	28.9	169.8	25.09	29.0
	30	230	130.3	21.79	39.5	143.6	25.66	40.5	154.9	28.57	41.4	165.2	29.96	42.2	169.8	30.58	42.5
		460	130.4	21.43	34.7	143.7	25.26	35.3	154.8	28.15	35.7	165.2	29.56	36.1	169.9	30.13	36.2
		690	130.4	20.75	33.1	143.7	24.42	33.5	155.0	27.23	33.8	165.4	28.59	34.0	169.9	29.34	34.1
	35	230	123.2	22.67	44.1	136.1	26.71	45.1	146.5	29.82	46.0	156.8	31.24	46.7	160.4	31.78	47.0
		460	123.2	22.23	39.5	136.0	26.21	40.1	146.4	29.21	40.5	157.0	30.81	40.9	160.3	31.45	41.0
		690	123.2	21.68	38.0	136.0	25.43	38.4	146.7	28.32	38.6	156.7	29.77	38.9	160.5	30.51	39.0
	40	230	102.9	23.63	47.9	113.4	27.84	48.8	122.2	31.00	49.5	130.7	32.54	50.2	134.4	33.19	50.4
		460	103.8	23.24	44.0	114.3	27.35	44.4	123.3	30.45	44.8	131.6	32.00	45.1	135.4	32.75	45.2
		690	105.3	22.52	42.7	115.8	26.40	43.0	124.8	29.58	43.2	133.9	31.04	43.4	137.5	31.92	43.5
	45	230	85.8	24.43	51.9	94.2	28.72	52.7	101.0	32.07	53.3	108.5	33.54	53.9	111.6	34.27	54.1
		460	86.7	24.03	48.4	94.8	28.29	48.8	102.3	31.47	49.2	109.3	33.18	49.4	112.3	33.85	49.6
		690	87.9	23.23	47.3	96.4	27.31	47.6	103.6	30.56	47.8	110.9	32.05	48.0	113.9	32.98	48.1
120	10	230	127.4	9.15	18.5	140.2	10.83	19.4	151.1	11.93	20.2	161.4	12.60	20.8	165.5	12.75	21.1
		460	127.5	9.01	14.3	140.3	10.62	14.7	151.2	11.71	15.1	161.4	12.32	15.4	165.5	12.57	15.5
		690	127.6	8.61	12.8	140.4	10.38	13.1	151.3	11.35	13.4	161.3	11.97	13.6	165.7	12.39	13.7
	15	230	126.0	11.88	23.6	138.3	14.03	24.5	149.3	15.69	25.3	159.6	16.40	26.0	163.8	16.69	26.2
		460	126.1	11.70	19.3	138.3	13.76	19.7	149.2	15.39	20.1	159.2	16.11	20.5	163.5	16.44	20.6
		690	125.9	11.33	17.9	138.5	13.44	18.2	149.3	14.87	18.4	159.6	15.61	18.6	163.7	16.13	18.7
	20	230	124.6	14.23	28.7	136.9	16.69	29.6	147.9	18.54	30.4	158.2	19.55	31.1	162.2	19.90	31.3
		460	124.6	13.91	24.3	136.7	16.38	24.8	147.7	18.32	25.2	158.2	19.24	25.5	162.1	19.56	25.7
		690	124.6	13.51	22.9	137.0	15.95	23.2	147.8	17.79	23.4	158.1	18.57	23.7	162.2	19.08	23.8
	25	230	124.7	17.85	33.9	136.8	20.96	34.8	147.9	23.31	35.7	158.0	24.52	36.4	162.0	24.99	36.7
		460	124.7	17.50	29.4	137.0	20.70	29.9	147.7	22.96	30.3	157.8	24.13	30.7	162.1	24.60	30.8
		690	124.4	16.92	27.9	137.1	19.98	28.3	147.9	22.35	28.5	158.0	23.40	28.8	162.0	23.95	28.9
	30	230	124.7	21.06	39.1	136.9	24.76	40.1	147.9	27.58	40.9	158.0	28.98	41.7	162.2	29.52	41.9
		460	124.5	20.70	34.5	137.0	24.30	35.0	147.9	27.24	35.5	158.0	28.49	35.8	162.0	29.06	36.0
		690	124.4	20.00	33.0	137.0	23.57	33.3	148.0	26.29	33.6	157.8	27.67	33.9	162.2	28.31	34.0
	35	230	119.8	22.16	43.8	131.9	26.16	44.8	142.6	29.22	45.7	151.7	30.56	46.4	155.9	31.16	46.7
		460	119.5	21.79	39.4	132.1	25.69	39.9	142.5	28.59	40.3	151.9	30.13	40.7	155.9	30.73	40.8
		690	119.6	21.18	37.9	131.9	24.95	38.3	142.5	27.71	38.5	151.7	29.07	38.8	155.7	29.85	38.9
	40	230	101.9	23.56	47.8	112.5	27.80	48.7	121.3	30.93	49.5	129.1	32.51	50.1	133.0	33.19	50.4
		460	102.9	23.20	43.9	113.2	27.31	44.4	122.1	30.40	44.8	130.3	31.96	45.1	134.2	32.64	45.2
		690	104.3	22.44	42.6	114.7	26.49	42.9	123.9	29.54	43.2	132.2	31.02	43.4	136.0	31.81	43.5
	45	230	86.6	24.77	51.9	96.0	29.15	52.8	103.3	32.62	53.5	110.3	34.06	54.0	113.2	34.87	54.2
		460	87.5	24.43	48.5	96.6	28.68	48.9	104.5	31.97	49.3	111.1	33.65	49.5	114.3	34.35	49.6
		690	88.7	23.55	47.3	98.1	27.88	47.6	105.9	31.04	47.8	112.7	32.66	48.0	115.6	33.32	48.1
110	10	230	120.2	8.56	18.0	132.0	10.25	18.9	142.5	11.23	19.6	152.2	11.92	20.2	155.8	12.03	20.5
		460	120.3	8.44	14.0	132.0	9.95	14.4	142.5	11.03	14.8	152.1	11.69	15.1	156.1	11.79	15.2
		690	120.4	8.19	12.7	132.0	9.69	12.9	142.7	10.83	13.2	152.1	11.29	13.4	155.9	11.61	13.5
	15	230	119.3	11.31	23.1	131.2	13.40	24.0	141.7	14.95	24.8	151.5	15.65	25.4	155.4	15.98	25.7
		460	119.2	11.15	19.1	131.0	13.13	19.5	141.7	14.67	19.9	151.5	15.42	20.2	155.4	15.67	20.3
		690	119.3	10.83	17.7	131.1	12.77	18.0	141.5	14.26	18.2	151.3	14.91	18.5	155.6	15.29	18.6
	20	230	118.8	13.68	28.3	130.7	16.02	29.1	141.1	17.86	29.9	150.2	18.72	30.5	154.4	19.08	30.8
		460	118.7	13.38	24.1	130.7	15.73	24.6	141.2	17.55	24.9	150.5	18.44	25.3	154.4	18.80	25.4
		690	118.7	12.99	22.7	130.5	15.28	23.0	141.0	17.08	23.3	150.5	17.86	23.5	154.6	18.24	23.6
	25	230	118.9	17.10	33.5	130.6	20.07	34.4	141.1	22.34	35.2	150.4	23.41	35.8	154.6	23.85	36.1
		460	118.7	16.81	29.2	130.5	19.77	29.7	141.1	21.97	30.1	150.2	23.07	30.4	154.5	23.47	30.5
		690	118.9	16.22	27.8	130.5	19.09	28.1	141.2	21.34	28.4	150.4	22.40	28.6	154.7	22.82	28.7
	30	230	118.9	20.29	38.7	130.7	23.89	39.6	141.2	26.59	40.5	150.3	27.95	41.1	154.7	28.44	41.4
		460	118.7	19.97	34.3	130.6	23.47	34.8	141.1	26.21	35.2	150.2	27.49	35.5	154.4	27.95	35.7
		690	118.7	19.31	32.9	130.6	22.74	33.2	141.0	25.40	33.5	150.4	26.59	33.7	154.5	27.23	33.8
	35	230	116.0	21.71	43.6	128.5	25.62	44.6	138.1	28.60	45.4	147.8	29.88	46.1	151.4	30.44	46.3
		460	116.1	21.30	39.3	128.3	25.11	39.8	137.9	28.00	40.2	147.6	29.43	40.5	151.4	30.02	40.7
		690	116.1	20.71	37.8	128.3	24.35	38.2	138.1	27.08	38.4	147.7	28.46	38.7	151.3	29.10	38.7
	40	230	101.1	23.57	47.8	111.5	27.79	48.7	119.8	30.91	49.4	128.3	32.43	50.0	132.3	33.11	50.3
		460	101.8	23.12	43.9	112.4	27.27	44.4	120.8	30.42	44.7	129.4	31.84	45.0	133.0	32.58	45.2
		690	103.5	22.44	42.6	113.7	26.39	42.9	122.3	29.49	43.2	131.3	30.98	43.4	135.0	31.62	43.5
	45	230	88.4	25.29	52.1	97.4	29.66	52.9	104.6	33.16	53.6	112.4	34.63	54.2	115.5	35.40	54.4
		460	89.2	24.74	48.6	98.1	29.19	49.0	105.8	32.51	49.3	113.3	34.25	49.6	116.3	34.85	49.7
		690	90.4	23.92	47.4	99.6	28.34	47.7	107.2	31.52	47.9	115.0	33.20	48.1	118.1	33.77	48.2

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	230	113.0	8.14	17.6	124.8	9.58	18.4	134.4	10.69	19.0	143.7	11.22	19.7	147.4	11.43	19.9
		460	113.0	8.00	13.8	124.8	9.42	14.2	134.4	10.51	14.5	143.7	11.01	14.8	147.4	11.21	14.9
		690	113.0	7.75	12.5	124.8	9.13	12.8	134.4	10.19	13.0	143.7	10.67	13.2	147.4	10.87	13.3
	15	230	113.0	10.85	22.7	124.8	12.81	23.6	134.4	14.27	24.3	143.7	14.97	24.9	147.4	15.23	25.1
		460	113.0	10.67	18.9	124.8	12.59	19.3	134.4	14.02	19.6	143.7	14.69	19.9	147.4	14.96	20.1
		690	113.0	10.36	17.6	124.8	12.20	17.8	134.4	13.60	18.1	143.7	14.24	18.3	147.4	14.53	18.4
	20	230	113.0	13.10	27.9	124.8	15.44	28.7	134.4	17.17	29.4	143.7	18.04	30.1	147.4	18.36	30.3
		460	113.0	12.87	23.9	124.8	15.17	24.4	134.4	16.87	24.7	143.7	17.71	25.0	147.4	18.06	25.2
		690	113.0	12.47	22.6	124.8	14.69	22.9	134.4	16.39	23.1	143.7	17.18	23.3	147.4	17.49	23.4
	25	230	113.0	16.33	33.1	124.8	19.20	34.0	134.4	21.41	34.7	143.7	22.46	35.4	147.4	22.89	35.6
		460	113.0	16.04	29.0	124.8	18.91	29.5	134.4	21.02	29.8	143.7	22.08	30.2	147.4	22.51	30.3
		690	113.0	15.56	27.7	124.8	18.29	28.0	134.4	20.42	28.2	143.7	21.41	28.4	147.4	21.79	28.5
	30	230	113.0	19.62	38.3	124.8	23.11	39.2	134.4	25.72	40.0	143.7	26.98	40.6	147.4	27.53	40.9
		460	113.0	19.27	34.1	124.8	22.71	34.6	134.4	25.38	35.0	143.7	26.51	35.3	147.4	27.01	35.4
		690	113.0	18.70	32.7	124.8	22.00	33.0	134.4	24.53	33.3	143.7	25.71	33.5	147.4	26.22	33.6
	35	230	113.0	21.29	43.4	124.8	25.09	44.3	134.4	27.99	45.1	143.7	29.34	45.8	147.4	29.89	46.0
		460	113.0	20.92	39.2	124.8	24.63	39.7	134.4	27.45	40.0	143.7	28.84	40.4	147.4	29.39	40.5
		690	113.0	20.31	37.8	124.8	23.89	38.1	134.4	26.62	38.3	143.7	27.91	38.6	147.4	28.44	38.7
	40	230	100.4	23.61	47.7	110.9	27.82	48.6	119.3	30.97	49.4	127.8	32.51	50.0	131.2	33.13	50.2
		460	101.2	23.23	43.9	111.8	27.32	44.3	120.3	30.46	44.7	128.8	31.93	45.0	132.2	32.56	45.1
		690	102.8	22.50	42.6	113.3	26.46	42.9	121.9	29.52	43.1	130.8	30.99	43.4	134.0	31.55	43.4
	45	230	90.1	25.73	52.2	99.4	30.23	53.1	106.8	33.75	53.8	114.7	35.33	54.3	117.8	36.04	54.6
		460	91.0	25.27	48.6	100.2	29.77	49.1	108.0	33.14	49.4	115.6	34.81	49.7	118.6	35.43	49.8
		690	92.2	24.49	47.4	101.8	28.86	47.7	109.5	32.14	47.9	117.4	33.73	48.1	120.3	34.30	48.2
90	10	230	101.7	7.70	16.8	112.1	9.08	17.6	120.7	10.11	18.2	129.4	10.60	18.7	132.7	10.80	18.9
		460	101.7	7.55	13.4	112.1	8.90	13.8	120.7	9.90	14.1	129.4	10.39	14.4	132.7	10.60	14.5
		690	101.7	7.36	12.3	112.1	8.68	12.5	120.7	9.65	12.7	129.4	10.14	12.9	132.7	10.32	13.0
	15	230	101.7	10.29	22.0	112.1	12.11	22.7	120.7	13.48	23.4	129.4	14.15	23.9	132.7	14.42	24.2
		460	101.7	10.09	18.5	112.1	11.87	18.9	120.7	13.24	19.2	129.4	13.86	19.5	132.7	14.14	19.6
		690	101.7	9.82	17.3	112.1	11.59	17.6	120.7	12.91	17.8	129.4	13.53	18.0	132.7	13.78	18.0
	20	230	101.7	12.40	27.1	112.1	14.61	27.9	120.7	16.25	28.5	129.4	17.07	29.1	132.7	17.36	29.4
		460	101.7	12.17	23.5	112.1	14.33	23.9	120.7	15.93	24.3	129.4	16.72	24.6	132.7	17.02	24.7
		690	101.7	11.84	22.4	112.1	13.95	22.6	120.7	15.54	22.8	129.4	16.30	23.0	132.7	16.62	23.1
	25	230	101.7	15.52	32.3	112.1	18.26	33.1	120.7	20.34	33.8	129.4	21.36	34.4	132.7	21.73	34.6
		460	101.7	15.24	28.6	112.1	17.93	29.1	120.7	19.96	29.4	129.4	20.97	29.7	132.7	21.35	29.8
		690	101.7	14.69	27.4	112.1	17.33	27.7	120.7	19.29	27.9	129.4	20.22	28.1	132.7	20.63	28.2
	30	230	101.7	18.58	37.5	112.1	21.90	38.3	120.7	24.38	39.0	129.4	25.58	39.7	132.7	26.07	39.9
		460	101.7	18.25	33.7	112.1	21.50	34.2	120.7	23.93	34.5	129.4	25.13	34.8	132.7	25.55	34.9
		690	101.7	17.76	32.5	112.1	20.94	32.8	120.7	23.34	33.0	129.4	24.46	33.2	132.7	24.93	33.3
	35	230	101.7	20.18	42.6	112.1	23.76	43.5	120.7	26.43	44.2	129.4	27.75	44.8	132.7	28.31	45.0
		460	101.7	19.79	38.8	112.1	23.31	39.2	120.7	25.95	39.6	129.4	27.26	39.9	132.7	27.74	40.0
		690	101.7	19.29	37.5	112.1	22.69	37.8	120.7	25.31	38.0	129.4	26.56	38.2	132.7	27.06	38.3
	40	230	90.5	22.34	47.0	99.8	26.33	47.9	107.1	29.29	48.5	115.0	30.74	49.1	118.0	31.31	49.3
		460	91.1	21.94	43.5	100.7	25.84	43.9	108.1	28.82	44.3	116.1	30.19	44.6	118.8	30.75	44.7
		690	92.5	21.38	42.4	102.0	25.19	42.6	109.8	28.02	42.9	117.5	29.45	43.1	120.7	29.97	43.1
	45	230	81.1	24.30	51.6	89.5	28.68	52.4	96.3	31.90	53.0	103.3	33.49	53.5	106.0	34.12	53.7
		460	81.8	23.87	48.3	90.4	28.15	48.7	97.1	31.35	49.0	104.1	32.85	49.3	106.6	33.45	49.4
		690	101.6	7.73	47.3	91.6	27.39	47.5	98.4	30.54	47.7	105.7	32.02	47.9	108.2	32.61	47.9
80	10	230	90.5	6.73	16.1	99.8	8.05	16.7	107.3	8.99	17.2	114.8	9.43	17.7	117.9	9.60	17.9
		460	90.5	6.53	13.0	99.8	7.93	13.4	107.3	8.84	13.6	114.8	9.27	13.9	117.9	9.45	14.0
		690	90.5	9.22	12.1	99.8	7.75	12.2	107.3	8.63	12.4	114.8	9.07	12.6	117.9	9.24	12.6
	15	230	90.5	8.99	21.2	99.8	10.78	21.9	107.3	11.99	22.4	114.8	12.58	22.9	117.9	12.81	23.1
		460	90.5	8.72	18.1	99.8	10.59	18.4	107.3	11.78	18.7	114.8	12.36	19.0	117.9	12.60	19.1
		690	90.5	11.12	17.1	99.8	10.35	17.3	107.3	11.52	17.5	114.8	12.09	17.6	117.9	12.33	17.7
	20	230	90.5	10.84	26.3	99.8	12.97	27.0	107.3	14.44	27.6	114.8	15.16	28.1	117.9	15.43	28.3
		460	90.5	10.50	23.1	99.8	12.75	23.5	107.3	14.22	23.8	114.8	14.89	24.0	117.9	15.19	24.1
		690	90.5	13.85	22.2	99.8	12.46	22.3	107.3	13.88	22.5	114.8	14.59	22.7	117.9	14.84	22.8
	25	230	90.5	13.62	31.5	99.8	16.34	32.2	107.3	18.20	32.8	114.8	19.11	33.3	117.9	19.45	33.6
		460	90.5	13.16	28.2	99.8	16.00	28.6	107.3	17.79	28.9	114.8	18.67	29.2	117.9	19.03	29.3
		690	90.5	16.56	27.2	99.8	15.48	27.4	107.3	17.26	27.6	114.8	18.08	27.8	117.9	18.41	27.8
	30	230	90.5	16.22	36.7	99.8	19.46	37.4	107.3	21.68	38.0	114.8	22.72	38.6	117.9	23.13	38.8
		460	90.5	15.80	33.3	99.8	19.22	33.7	107.3	21.41	34.0	114.8	22.45	34.3	117.9	22.88	34.4
		690	90.5	18.05	32.3	99.8	18.63	32.5	107.3	20.75	32.7	114.8	21.77	32.8	117.9	22.19	32.9
	35	230	90.5	17.74	41.7	99.8	21.23	42.5	107.3	23.66	43.2	114.8	24.77	43.7	117.9	25.27	43.9
		460	90.5	17.24	38.4	99.8	20.96	38.8	107.3	23.32	39.1	114.8	24.50	39.3	117.9	24.97	39.5
		690	80.4	19.91	37.1	99.8	20.15	37.5	107.3	22.46	37.7	114.8	23.59	37.9	117.9	24.01	37.9
	40	230	80.9	19.63	46.3	88.7	23.54	47.0	95.2	26.17	47.6	102.2	27.48	48.1	104.8	27.97	48.3
		460	82.1	19.10	43.2	89.3	23.23	43.5	96.0	25.86	43.8	103.0	27.15	44.1	105.9	27.64	44.2
		690	72.2	21.66	41.9	90.6	22.36	42.3	97.6	24.89	42.5	104.6	26.09	42.7	107.2	26.64	42.8
	45	230	72.7	21.34	50.9	79.6	25.57	51.6	85.5	28.51	52.1	91.8	29.90	52.6	94.2	30.51	52.8
		460	73.8	20.79	47.9	80.3	25.29	48.3	86.3	28.13	48.6	92.5	29.53	48.8	95.0	30.10	48.9
		690	81.4	6.50	46.8	81.3	24.32	47.2	87.6	27.10	47.4	94.0	28.42	47.5	96.4	28.95	47.6

1-19. AM480FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	230	79.2	5.67	15.3	87.4	6.68	15.9	93.8	7.45	16.3	100.6	7.81	16.8	103.2	7.96	16.9
		460	79.2	5.61	12.6	87.4	6.60	12.9	93.8	7.37	13.2	100.6	7.71	13.4	103.2	7.87	13.5
		690	79.2	5.40	11.8	87.4	6.36	11.9	93.8	7.09	12.1	100.6	7.44	12.2	103.2	7.58	12.3
	15	230	79.2	7.58	20.4	87.4	8.91	21.0	93.8	9.94	21.5	100.6	10.44	21.9	103.2	10.63	22.1
		460	79.2	7.49	17.7	87.4	8.82	18.0	93.8	9.83	18.2	100.6	10.30	18.5	103.2	10.51	18.5
		690	79.2	7.21	16.8	87.4	8.49	17.0	93.8	9.48	17.1	100.6	9.94	17.3	103.2	10.11	17.4
	20	230	79.2	9.13	25.5	87.4	10.74	26.1	93.8	11.98	26.6	100.6	12.57	27.1	103.2	12.80	27.2
		460	79.2	9.03	22.7	87.4	10.62	23.1	93.8	11.85	23.3	100.6	12.41	23.5	103.2	12.67	23.6
		690	79.2	8.70	21.8	87.4	10.25	22.0	93.8	11.42	22.2	100.6	11.96	22.3	103.2	12.19	22.4
	25	230	79.2	11.41	30.6	87.4	13.44	31.3	93.8	14.97	31.8	100.6	15.71	32.2	103.2	16.01	32.4
		460	79.2	11.26	27.8	87.4	13.23	28.1	93.8	14.74	28.4	100.6	15.47	28.6	103.2	15.75	28.7
		690	79.2	10.88	26.9	87.4	12.82	27.1	93.8	14.27	27.2	100.6	15.00	27.4	103.2	15.27	27.5
	30	230	79.2	13.71	35.8	87.4	16.15	36.5	93.8	18.00	37.0	100.6	18.89	37.4	103.2	19.25	37.6
		460	79.2	13.50	32.9	87.4	15.89	33.2	93.8	17.70	33.5	100.6	18.56	33.7	103.2	18.90	33.8
		690	79.2	13.11	31.9	87.4	15.45	32.1	93.8	17.20	32.3	100.6	18.04	32.5	103.2	18.40	32.5
	35	230	79.2	15.01	40.9	87.4	17.70	41.5	93.8	19.73	42.1	100.6	20.66	42.6	103.2	21.07	42.7
		460	79.2	14.63	37.9	87.4	17.23	38.3	93.8	19.22	38.5	100.6	20.12	38.8	103.2	20.52	38.9
		690	79.2	14.26	36.9	87.4	16.76	37.2	93.8	18.69	37.3	100.6	19.60	37.5	103.2	19.98	37.6
	40	230	70.2	16.63	45.4	77.6	19.60	46.1	83.3	21.86	46.6	89.5	22.90	47.0	91.7	23.35	47.2
		460	70.8	16.23	42.7	78.3	19.09	43.0	84.2	21.26	43.3	90.3	22.30	43.5	92.5	22.75	43.6
		690	71.9	15.78	41.8	79.4	18.60	42.0	85.2	20.73	42.2	91.5	21.72	42.4	93.9	22.14	42.4
	45	230	63.1	18.11	50.1	69.7	21.32	50.7	74.8	23.75	51.1	80.3	24.94	51.6	82.4	25.40	51.7
		460	63.6	17.66	47.5	70.3	20.79	47.8	75.5	23.16	48.1	81.0	24.31	48.3	83.0	24.75	48.4
		690	64.5	17.21	46.7	71.3	20.27	46.9	76.7	22.55	47.1	82.1	23.66	47.2	84.2	24.08	47.2
60	10	230	67.9	4.69	14.5	74.9	5.52	15.0	80.4	6.15	15.4	86.4	6.45	15.8	88.5	6.58	15.9
		460	67.9	4.56	12.3	74.9	5.37	12.5	80.4	5.99	12.7	86.4	6.29	12.9	88.5	6.40	13.0
		690	67.9	4.47	11.5	74.9	5.26	11.7	80.4	5.86	11.8	86.4	6.14	11.9	88.5	6.27	12.0
	15	230	67.9	6.26	19.6	74.9	7.37	20.1	80.4	8.20	20.5	86.4	8.60	20.9	88.5	8.78	21.1
		460	67.9	6.09	17.3	74.9	7.18	17.6	80.4	7.99	17.8	86.4	8.38	18.0	88.5	8.54	18.0
		690	67.9	5.96	16.5	74.9	7.03	16.7	80.4	7.82	16.8	86.4	8.20	17.0	88.5	8.37	17.0
	20	230	67.9	7.54	24.7	74.9	8.87	25.2	80.4	9.89	25.6	86.4	10.37	26.0	88.5	10.58	26.2
		460	67.9	7.35	22.3	74.8	8.64	22.6	80.4	9.62	22.8	86.4	10.10	23.0	88.5	10.30	23.1
		690	67.9	7.18	21.6	74.9	8.47	21.7	80.4	9.42	21.9	86.3	9.89	22.0	88.5	10.07	22.0
	25	230	67.9	9.39	29.8	74.9	11.05	30.4	80.4	12.33	30.8	86.4	12.91	31.2	88.5	13.16	31.3
		460	67.9	9.19	27.4	74.9	10.83	27.7	80.4	12.04	27.9	86.3	12.64	28.1	88.5	12.88	28.2
		690	67.9	8.91	26.6	74.9	10.49	26.8	80.4	11.69	26.9	86.4	12.25	27.0	88.5	12.47	27.1
	30	230	67.9	11.21	34.9	74.9	13.19	35.5	80.4	14.72	35.9	86.4	15.41	36.3	88.6	15.72	36.5
		460	67.9	10.98	32.5	74.8	12.93	32.7	80.4	14.41	33.0	86.4	15.09	33.2	88.6	15.41	33.2
		690	67.9	10.71	31.6	74.9	12.60	31.8	80.4	14.02	32.0	86.4	14.72	32.1	88.5	14.99	32.2
	35	230	67.9	12.16	40.0	74.9	14.31	40.6	80.4	15.96	41.0	86.4	16.73	41.4	88.5	17.06	41.6
		460	67.9	12.06	37.5	74.9	14.20	37.8	80.4	15.83	38.0	86.4	16.61	38.2	88.5	16.89	38.3
		690	67.9	11.66	36.7	74.9	13.75	36.8	80.4	15.30	37.0	86.4	16.07	37.1	88.5	16.37	37.2
	40	230	60.2	13.49	44.6	66.5	15.86	45.1	71.4	17.66	45.5	76.7	18.55	45.9	78.7	18.90	46.1
		460	60.8	13.34	42.3	67.0	15.71	42.6	72.1	17.53	42.8	77.2	18.36	43.0	79.3	18.73	43.1
		690	61.6	12.93	41.5	68.0	15.21	41.7	73.1	16.97	41.9	78.5	17.78	42.0	80.4	18.14	42.0
	45	230	54.0	14.66	49.3	59.7	17.27	49.8	64.2	19.21	50.2	68.8	20.18	50.5	70.5	20.55	50.7
		460	54.6	14.53	47.2	60.3	17.10	47.4	64.8	19.07	47.6	69.3	20.00	47.8	71.2	20.39	47.9
		690	55.3	14.06	46.4	61.0	16.58	46.6	65.6	18.48	46.7	70.5	19.34	46.9	72.2	19.74	46.9
50	10	230	56.4	3.57	13.7	62.4	4.21	14.1	67.0	4.70	14.5	72.0	4.92	14.8	73.7	5.01	14.9
		460	56.4	3.51	11.9	62.4	4.14	12.1	67.0	4.62	12.2	72.0	4.84	12.4	73.7	4.93	12.4
		690	56.4	3.44	11.2	62.4	4.06	11.4	67.0	4.53	11.5	72.0	4.74	11.6	73.7	4.84	11.6
	15	230	56.4	4.77	18.8	62.4	5.62	19.2	67.0	6.27	19.6	72.0	6.57	19.9	73.7	6.70	20.0
		460	56.4	4.70	16.9	62.4	5.52	17.1	67.0	6.16	17.3	72.0	6.46	17.4	73.7	6.57	17.5
		690	56.4	4.61	16.3	62.4	5.42	16.4	67.0	6.04	16.5	72.0	6.34	16.6	73.7	6.45	16.7
	20	230	56.4	5.76	23.9	62.4	6.77	24.3	67.0	7.56	24.6	72.0	7.91	25.0	73.7	8.06	25.1
		460	56.4	5.65	21.9	62.4	6.65	22.2	67.0	7.41	22.3	72.0	7.78	22.5	73.7	7.94	22.5
		690	56.4	5.55	21.3	62.4	6.53	21.4	67.0	7.28	21.5	72.0	7.64	21.7	73.7	7.78	21.7
	25	230	56.4	7.21	29.0	62.4	8.49	29.4	67.0	9.46	29.8	72.0	9.93	30.1	73.7	10.10	30.2
		460	56.4	7.00	27.0	62.4	8.24	27.2	67.0	9.17	27.4	72.0	9.63	27.5	73.7	9.81	27.6
		690	56.4	6.93	26.3	62.4	8.15	26.5	67.0	9.09	26.6	72.0	9.52	26.7	73.7	9.70	26.7
	30	230	56.4	8.69	34.1	62.4	10.25	34.5	67.0	11.42	34.9	72.0	11.97	35.2	73.7	12.19	35.4
		460	56.4	8.46	32.0	62.4	9.94	32.3	67.0	11.08	32.4	72.0	11.63	32.6	73.7	11.84	32.7
		690	56.4	8.29	31.3	62.4	9.77	31.5	67.0	10.88	31.6	72.0	11.41	31.7	73.7	11.62	31.8
	35	230	56.4	9.44	39.1	62.4	11.10	39.6	67.0	12.38	39.9	72.0	12.98	40.3	73.7	13.23	40.4
		460	56.4	9.18	37.0	62.4	10.81	37.3	66.9	12.05	37.5	72.0	12.63	37.6	73.7	12.86	37.7
		690	56.4	8.92	36.4	62.4	10.52	36.5	67.0	11.72	36.6	72.0	12.28	36.8	73.7	12.51	36.8
	40	230	50.2	10.45	43.8	55.5	12.30	44.2	59.6	13.73	44.6	63.9	14.39	44.9	65.6	14.65	45.0
		460	50.7	10.18	41.9	55.9	11.97	42.1	60.0	13.36	42.3	64.4	14.01	42.4	66.1	14.25	42.5
		690	51.3	9.89	41.3	56.7	11.64	41.4	60.9	12.97	41.5	65.4	13.62	41.6	67.0	13.87	41.7
	45	230	45.1	11.39	48.5	49.8	13.42	48.9	53.5	14.95	49.3	57.4	15.67	49.6	58.8	15.95	49.7
		460	45.5	11.07	46.8	50.2	13.03	47.0	54.0	14.53	47.1	57.8	15.24	47.3	59.4	15.55	47.3
		690	46.2	10.75	46.2	50.9	12.66	46.3	54.7	14.13	46.4	58.7	14.82	46.5	60.2	15.10	46.6

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	230	172.1	36.06	1.5	168.3	34.72	1.7	160.9	33.74	2.1	151.4	31.48	2.5	145.3	28.82	2.7
		460	175.6	34.80	5.6	171.0	34.16	5.7	164.2	33.27	5.9	154.7	30.86	6.1	148.2	28.38	6.3
		690	185.6	35.15	6.9	182.3	34.31	6.9	175.2	32.94	7.0	165.2	30.75	7.2	158.4	28.76	7.3
	15	230	189.9	31.96	5.2	184.9	30.49	5.4	177.5	29.53	5.8	166.5	27.50	6.3	159.8	25.24	6.6
		460	194.8	29.81	9.9	190.2	29.61	10.0	183.4	29.12	10.2	172.4	26.77	10.5	164.3	24.54	10.6
		690	193.7	31.07	11.6	191.4	30.55	11.7	186.8	29.20	11.7	174.9	26.94	11.9	167.8	25.86	12.1
	20	230	194.9	30.33	9.7	191.4	29.02	9.9	184.1	27.88	10.3	173.2	25.43	10.8	165.1	24.19	11.2
		460	198.5	28.64	14.7	196.8	28.60	14.8	189.9	27.65	14.9	178.7	26.04	15.2	171.3	24.95	15.4
		690	198.2	28.94	16.5	195.9	28.41	16.5	193.5	28.09	16.6	180.9	26.27	16.8	172.9	25.30	16.9
	25	230	202.0	28.16	14.2	196.1	27.74	14.5	192.2	27.09	14.7	181.6	25.55	15.3	174.6	24.19	15.6
		460	199.2	27.39	19.6	195.8	27.82	19.8	192.4	26.90	19.8	182.0	25.48	20.1	174.7	24.09	20.3
		690	197.1	27.21	21.5	196.1	26.59	21.5	192.3	26.65	21.6	182.1	25.25	21.7	174.9	23.05	21.8
	30	230	197.7	25.32	19.3	195.9	25.54	19.4	192.2	25.74	19.6	182.0	23.72	20.1	174.6	22.82	20.5
		460	197.8	24.71	24.6	196.0	25.63	24.7	192.3	25.22	24.8	181.8	23.72	25.1	175.0	21.73	25.2
		690	197.8	24.51	26.4	195.9	24.19	26.4	192.5	24.67	26.5	182.1	22.73	26.7	174.6	22.22	26.8
	35	230	197.9	23.80	24.2	196.1	24.60	24.3	192.4	25.49	24.6	181.9	23.23	25.1	174.8	21.44	25.4
		460	197.9	23.86	29.6	196.3	24.95	29.7	192.4	25.11	29.8	181.9	23.37	30.1	174.7	21.39	30.2
		690	198.2	23.47	31.4	195.8	24.10	31.4	192.4	24.50	31.5	181.8	22.31	31.7	174.7	20.48	31.8
	40	230	198.1	22.14	29.0	196.0	23.04	29.2	192.6	24.66	29.5	181.7	22.63	30.1	175.0	21.00	30.4
		460	198.0	22.22	34.5	195.8	23.36	34.6	192.5	23.93	34.7	181.8	22.37	35.0	174.7	20.63	35.2
		690	197.7	22.03	36.4	196.1	22.41	36.4	192.7	24.09	36.5	182.0	21.97	36.7	174.9	20.26	36.8
	45	230	197.9	19.54	33.9	196.0	20.48	34.1	192.2	22.92	34.5	181.7	21.11	35.0	174.9	19.66	35.3
		460	197.8	19.70	39.4	196.2	20.84	39.5	192.5	21.74	39.7	181.9	20.31	40.0	174.8	19.01	40.1
		690	197.9	19.79	41.3	196.0	19.72	41.3	192.5	22.79	41.5	181.8	20.56	41.7	174.8	19.33	41.8
120	10	230	164.1	35.76	2.0	160.2	34.57	2.2	153.1	33.55	2.5	144.0	31.01	3.0	137.6	28.40	3.2
		460	166.8	35.35	5.9	162.6	34.40	6.0	154.6	33.31	6.2	146.5	30.64	6.4	139.7	27.88	6.5
		690	176.4	34.74	7.1	170.6	33.86	7.2	165.2	32.94	7.3	156.0	30.44	7.4	149.0	27.81	7.5
	15	230	181.1	31.35	5.7	175.8	30.23	5.9	168.9	29.13	6.3	159.0	27.07	6.8	151.1	24.84	7.1
		460	183.8	30.78	10.2	180.3	30.16	10.3	172.9	29.08	10.5	162.6	26.78	10.8	154.4	24.21	10.9
		690	183.2	30.32	11.8	178.5	29.58	11.9	174.5	29.19	12.0	164.5	26.94	12.1	156.2	24.40	12.3
	20	230	184.2	29.07	10.3	180.3	27.90	10.5	173.1	26.63	10.9	163.2	24.66	11.4	154.7	23.45	11.8
		460	186.6	28.24	15.1	184.1	28.00	15.1	177.1	26.96	15.3	166.6	25.14	15.6	159.1	23.58	15.8
		690	185.8	28.18	16.7	181.1	27.52	16.8	179.4	27.14	16.8	168.6	25.38	17.0	160.2	24.00	17.2
	25	230	189.7	26.67	14.8	182.9	25.70	15.2	178.5	25.10	15.4	168.6	23.51	16.0	161.5	22.18	16.3
		460	187.5	25.87	20.0	183.1	25.77	20.1	178.2	25.25	20.2	168.5	23.37	20.5	161.6	22.11	20.7
		690	187.1	24.81	21.6	183.2	24.61	21.7	178.2	24.82	21.8	168.7	23.76	22.0	161.8	21.09	22.1
	30	230	187.0	23.42	19.8	182.9	23.57	20.1	178.2	23.45	20.4	168.3	21.32	20.8	161.5	20.42	21.2
		460	187.1	22.90	24.9	183.2	23.32	25.0	178.4	23.09	25.2	168.5	21.24	25.4	161.8	19.41	25.6
		690	186.9	22.09	26.6	183.1	22.10	26.7	178.5	22.48	26.8	168.5	20.93	26.9	161.7	19.88	27.1
	35	230	187.1	21.96	24.7	183.1	22.27	25.0	178.4	22.83	25.3	168.3	20.74	25.8	161.7	19.07	26.1
		460	186.9	21.49	29.8	182.9	22.21	30.0	178.6	22.02	30.1	168.7	20.34	30.4	161.6	18.61	30.5
		690	186.8	20.77	31.6	182.9	21.66	31.7	178.3	22.11	31.8	168.5	20.00	31.9	161.7	18.31	32.0
	40	230	187.1	20.38	29.6	183.0	20.51	29.9	178.3	21.57	30.2	168.6	19.67	30.7	161.6	18.18	31.1
		460	186.9	19.59	34.8	183.0	20.40	34.9	178.5	20.77	35.1	168.4	19.35	35.4	161.5	17.73	35.5
		690	187.2	19.56	36.5	183.1	19.62	36.6	178.5	20.98	36.7	168.7	18.99	36.9	161.8	17.44	37.0
	45	230	186.8	18.02	34.5	183.2	17.91	34.7	178.4	19.51	35.1	168.6	17.85	35.6	161.5	16.53	36.0
		460	187.1	16.90	39.7	183.2	17.65	39.8	178.6	18.75	40.0	168.4	17.43	40.3	161.7	16.18	40.5
		690	187.2	17.61	41.5	182.9	16.88	41.6	178.5	19.05	41.7	168.6	17.09	41.9	161.8	15.92	42.0
110	10	230	156.9	36.14	2.5	152.3	34.79	2.7	144.8	33.66	3.1	136.9	31.01	3.4	129.5	28.45	3.7
		460	158.9	35.50	6.2	153.6	34.39	6.3	146.1	33.25	6.5	138.6	30.69	6.6	131.1	27.89	6.8
		690	167.6	35.02	7.2	163.1	33.82	7.3	155.7	32.71	7.4	146.9	30.20	7.6	139.2	27.83	7.7
	15	230	172.9	31.55	6.2	167.0	30.52	6.5	159.7	29.30	6.9	151.0	27.07	7.3	142.6	24.83	7.7
		460	174.4	30.51	10.5	169.8	30.11	10.6	161.9	29.07	10.9	152.3	26.78	11.1	144.2	24.17	11.3
		690	174.0	30.42	12.0	169.2	29.61	12.1	163.1	28.62	12.2	153.1	26.36	12.4	144.9	24.44	12.5
	20	230	174.7	28.19	10.9	169.5	27.46	11.2	162.2	26.22	11.5	152.2	24.24	12.0	144.4	22.72	12.4
		460	175.9	27.59	15.4	171.1	27.08	15.5	164.0	26.09	15.7	154.6	24.36	15.9	146.0	22.46	16.2
		690	176.0	27.90	16.9	171.0	26.93	17.0	165.8	26.28	17.1	155.7	23.98	17.3	147.5	22.77	17.4
	25	230	177.5	24.85	15.5	170.7	24.12	15.9	165.2	23.64	16.2	155.6	21.85	16.7	147.8	20.20	17.0
		460	176.2	24.38	20.3	170.9	23.99	20.4	165.1	23.47	20.6	155.7	21.72	20.8	147.9	20.04	21.0
		690	176.2	24.75	21.9	171.0	24.01	21.9	165.1	23.07	22.1	155.7	22.08	22.2	148.0	19.12	22.3
	30	230	176.1	20.90	20.3	170.8	21.26	20.7	165.1	20.85	21.0	155.7	19.32	21.5	147.9	17.69	21.9
		460	176.1	20.75	25.2	170.8	21.08	25.3	165.4	20.46	25.5	155.5	19.15	25.8	147.9	17.04	25.9
		690	176.0	20.78	26.8	170.8	20.10	26.9	165.3	19.89	27.0	155.7	18.34	27.1	147.7	17.45	27.3
	35	230	176.4	19.45	25.2	171.0	19.48	25.6	165.0	19.77	25.9	155.7	17.83	26.4	147.9	16.27	26.8
		460	176.4	19.40	30.1	170.8	19.85	30.3	164.9	19.32	30.5	155.7	17.82	30.7	148.0	16.15	30.9
		690	176.2	18.35	31.7	170.6	18.90	31.8	165.1	18.79	32.0	155.7	17.50	32.1	147.8	15.87	32.3
	40	230	176.4	17.59	30.1	170.7	18.14	30.5	165.2	18.51	30.9	155.5	16.74	31.4	147.9	15.32	31.7
		460	176.1	17.57	35.1	170.9	18.03	35.2	165.0	17.67	35.4	155.5	16.76	35.7	148.1	15.28	35.9
		690	176.0	17.48	36.7	170.9	17.09	36.8	165.1	17.83	36.9	155.5	15.79	37.1	147.8	14.39	37.2
	45	230	176.4	15.08	34.9	170.8	15.91	35.3	165.2	16.54	35.7	155.5	15.02	36.2	147.8	13.75	36.6
		460	176.2	15.03	40.0	171.0	15.49	40.2	165.1	15.31	40.3	155.7	14.91	40.6	147.9	13.77	40.8
		690	176.1	16.01	41.7	170.9	14.62	41.8	165.1	16.25	41.9	155.5	13.43	42.0	148.0	12.31	42.2

1-19. AM480FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	230	150.2	36.37	2.9	143.9	35.31	3.2	137.0	33.84	3.6	129.4	31.21	3.9	121.8	28.17	4.2
		460	151.2	36.07	6.4	144.6	35.00	6.6	137.5	33.51	6.8	130.1	30.85	6.9	122.4	27.87	7.1
		690	160.0	35.44	7.4	153.2	34.41	7.5	145.6	32.92	7.7	137.8	30.35	7.8	129.5	27.44	7.9
	15	230	165.5	31.78	6.7	158.4	30.86	7.1	151.2	29.51	7.4	142.6	27.24	7.8	133.9	24.62	8.2
		460	165.5	31.51	10.8	158.4	30.58	11.0	151.2	29.29	11.2	142.6	26.95	11.4	133.9	24.35	11.6
		690	165.5	30.93	12.2	158.4	30.08	12.3	151.2	28.77	12.5	142.6	26.51	12.6	133.9	23.98	12.7
	20	230	165.5	28.01	11.4	158.4	27.18	11.8	151.2	25.99	12.2	142.6	23.97	12.6	133.9	21.67	13.0
		460	165.5	27.75	15.7	158.4	26.93	15.9	151.2	25.84	16.1	142.6	23.74	16.3	133.9	21.44	16.5
		690	165.5	27.26	17.1	158.4	26.45	17.3	151.2	25.34	17.4	142.6	23.33	17.5	133.9	21.08	17.7
	25	230	165.5	23.78	16.2	158.4	23.08	16.6	151.2	22.03	17.0	142.6	20.34	17.4	133.9	18.37	17.8
		460	165.5	23.49	20.6	158.4	22.81	20.8	151.2	21.84	21.0	142.6	20.14	21.2	133.9	18.18	21.4
		690	165.5	23.09	22.0	158.4	22.44	22.2	151.2	21.47	22.3	142.6	19.83	22.4	133.9	17.88	22.6
	30	230	165.5	19.87	20.9	158.4	19.31	21.3	151.2	18.44	21.7	142.6	17.01	22.2	133.9	15.39	22.6
		460	165.5	19.68	25.5	158.4	19.12	25.7	151.2	18.29	25.9	142.6	16.85	26.1	133.9	15.21	26.3
		690	165.5	19.33	27.0	158.4	18.79	27.1	151.2	17.98	27.2	142.6	16.59	27.4	133.9	14.95	27.5
	35	230	165.5	18.05	25.8	158.4	17.55	26.2	151.2	16.76	26.6	142.6	15.47	27.1	133.9	13.96	27.5
		460	165.5	17.88	30.4	158.4	17.35	30.6	151.2	16.61	30.8	142.6	15.33	31.0	133.9	13.85	31.3
		690	165.5	17.58	31.9	158.4	17.08	32.1	151.2	16.33	32.2	142.6	15.07	32.4	133.9	13.60	32.5
	40	230	165.5	16.23	30.7	158.4	15.78	31.1	151.2	15.08	31.5	142.6	13.90	32.0	133.9	12.58	32.4
		460	165.5	16.08	35.3	158.4	15.63	35.6	151.2	14.95	35.8	142.6	13.80	36.0	133.9	12.44	36.2
		690	165.5	15.81	36.9	158.4	15.37	37.0	151.2	14.67	37.2	142.6	13.54	37.3	133.9	12.22	37.5
	45	230	165.5	13.81	35.5	158.4	13.38	36.0	151.2	12.79	36.4	142.6	11.83	36.9	133.9	10.67	37.3
		460	165.5	13.66	40.3	158.4	13.25	40.5	151.2	12.67	40.7	142.6	11.71	40.9	133.9	10.56	41.2
		690	165.5	13.43	41.8	158.4	13.02	42.0	151.2	12.48	42.1	142.6	11.50	42.3	133.9	10.40	42.4
90	10	230	135.5	34.43	3.7	129.4	33.44	4.0	123.1	31.98	4.3	116.7	29.54	4.6	109.5	26.65	4.8
		460	136.1	34.00	6.8	129.9	33.01	7.0	123.9	31.58	7.1	117.2	29.18	7.3	110.1	26.33	7.4
		690	143.9	33.63	7.7	137.8	32.66	7.8	131.0	31.24	7.9	124.0	28.83	8.0	116.5	26.04	8.1
	15	230	149.0	30.11	7.6	142.5	29.26	7.9	135.8	27.95	8.3	128.4	25.80	8.6	120.7	23.32	8.9
		460	149.0	29.73	11.3	142.5	28.83	11.5	135.8	27.59	11.6	128.4	25.48	11.8	120.7	22.99	12.0
		690	149.0	29.37	12.5	142.5	28.51	12.6	135.8	27.29	12.7	128.4	25.18	12.9	120.7	22.74	13.0
	20	230	149.0	26.48	12.4	142.5	25.75	12.7	135.8	24.62	13.1	128.4	22.72	13.4	120.7	20.50	13.8
		460	149.0	26.18	16.2	142.5	25.38	16.4	135.8	24.29	16.5	128.4	22.42	16.7	120.7	20.25	16.9
		690	149.0	25.85	17.4	142.5	25.11	17.6	135.8	24.02	17.7	128.4	22.16	17.8	120.7	20.02	17.9
	25	230	149.0	22.59	17.1	142.5	21.92	17.5	135.8	20.96	17.8	128.4	19.34	18.2	120.7	17.45	18.6
		460	149.0	22.33	21.1	142.5	21.64	21.2	135.8	20.70	21.4	128.4	19.10	21.6	120.7	17.25	21.8
		690	149.0	21.85	22.4	142.5	21.20	22.5	135.8	20.30	22.6	128.4	18.74	22.7	120.7	16.92	22.8
	30	230	149.0	18.84	21.9	142.5	18.29	22.3	135.8	17.51	22.6	128.4	16.15	23.0	120.7	14.59	23.4
		460	149.0	18.61	25.9	142.5	18.07	26.1	135.8	17.27	26.3	128.4	15.94	26.5	120.7	14.40	26.7
		690	149.0	18.41	27.3	142.5	17.85	27.4	135.8	17.11	27.5	128.4	15.78	27.7	120.7	14.25	27.8
	35	230	149.0	17.08	26.8	142.5	16.58	27.2	135.8	15.85	27.5	128.4	14.65	27.9	120.7	13.22	28.3
		460	149.0	16.87	30.9	142.5	16.39	31.1	135.8	15.68	31.3	128.4	14.49	31.5	120.7	13.08	31.6
		690	149.0	16.68	32.3	142.5	16.20	32.4	135.8	15.50	32.5	128.4	14.32	32.6	120.7	12.92	32.8
	40	230	149.0	15.38	31.7	142.5	14.92	32.0	135.8	14.26	32.4	128.4	13.16	32.8	120.7	11.89	33.2
		460	149.0	15.22	35.8	142.5	14.77	36.0	135.8	14.12	36.2	128.4	13.03	36.4	120.7	11.76	36.6
		690	149.0	15.01	37.2	142.5	14.59	37.3	135.8	13.96	37.5	128.4	12.86	37.6	120.7	11.64	37.7
	45	230	149.0	13.05	36.5	142.5	12.66	36.9	135.8	12.12	37.3	128.4	11.18	37.7	120.7	10.09	38.1
		460	149.0	12.92	40.8	142.5	12.52	40.9	135.8	12.00	41.1	128.4	11.07	41.3	120.7	10.00	41.6
		690	149.0	12.77	42.2	142.5	12.38	42.3	135.8	11.85	42.4	128.4	10.93	42.6	120.7	9.88	42.7
80	10	230	120.5	30.63	4.4	114.9	29.72	4.7	109.4	28.43	5.0	103.6	26.27	5.2	97.3	23.72	5.4
		460	120.8	30.29	7.2	115.7	29.46	7.3	110.0	28.13	7.4	104.1	25.99	7.6	97.9	23.47	7.7
		690	128.2	30.04	8.0	122.5	29.15	8.1	116.6	27.95	8.2	110.2	25.75	8.2	103.6	23.29	8.3
	15	230	132.3	26.75	8.4	126.7	25.99	8.7	120.7	24.87	9.0	113.8	22.91	9.3	107.3	20.69	9.6
		460	132.3	26.48	11.7	126.7	25.71	11.9	120.7	24.63	12.0	113.8	22.70	12.2	107.3	20.52	12.3
		690	132.3	26.27	12.8	126.7	25.49	12.9	120.7	24.40	13.0	113.8	22.53	13.1	107.3	20.31	13.2
	20	230	132.3	23.53	13.2	126.7	22.86	13.5	120.7	21.85	13.8	113.8	20.18	14.2	107.3	18.21	14.4
		460	132.3	23.34	16.6	126.7	22.62	16.8	120.7	21.68	16.9	113.8	19.96	17.1	107.3	18.06	17.2
		690	132.3	23.11	17.7	126.7	22.44	17.8	120.7	21.50	17.9	113.8	19.81	18.0	107.3	17.90	18.1
	25	230	132.3	20.21	18.0	126.7	19.59	18.3	120.7	18.76	18.6	113.8	17.30	19.0	107.3	15.63	19.3
		460	132.3	19.89	21.5	126.7	19.31	21.7	120.7	18.46	21.8	113.8	17.06	22.0	107.3	15.40	22.1
		690	132.3	19.52	22.7	126.7	18.98	22.8	120.7	18.17	22.9	113.8	16.76	23.0	107.3	15.12	23.1
	30	230	132.3	16.73	22.8	126.7	16.24	23.1	120.7	15.54	23.4	113.8	14.34	23.8	107.3	12.96	24.1
		460	132.3	16.67	26.4	126.7	16.17	26.6	120.7	15.46	26.7	113.8	14.26	26.9	107.3	12.88	27.1
		690	132.3	16.39	27.6	126.7	15.90	27.7	120.7	15.21	27.8	113.8	14.02	27.9	107.3	12.67	28.0
	35	230	132.3	15.26	27.7	126.7	14.84	28.0	120.7	14.18	28.4	113.8	13.07	28.7	107.3	11.81	29.0
		460	132.3	15.20	31.4	126.7	14.73	31.5	120.7	14.09	31.7	113.8	13.02	31.9	107.3	11.75	32.0
		690	132.3	14.83	32.6	126.7	14.40	32.7	120.7	13.78	32.8	113.8	12.72	32.9	107.3	11.49	33.0
	40	230	132.3	13.74	32.6	126.7	13.34	32.9	120.7	12.76	33.3	113.8	11.77	33.6	107.3	10.63	34.0
		460	132.3	13.66	36.3	126.7	13.27	36.5	120.7	12.68	36.6	113.8	11.69	36.8	107.3	10.57	37.0
		690	132.3	13.36	37.5	126.7	12.97	37.6	120.7	12.39	37.7	113.8	11.42	37.9	107.3	10.32	38.0
	45	230	132.3	11.65	37.5	126.7	11.33	37.8	120.7	10.84	38.2	113.8	10.00	38.5	107.3	9.03	38.9
		460	132.3	11.60	41.2	126.7	11.26	41.4	120.7	10.76	41.6	113.8	9.92	41.8	107.3	8.97	41.9
		690	132.3	11.33	42.5	126.7	10.99	42.6	120.7	10.52	42.7	113.8	9.72	42.8	107.3	8.77	43.0

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	230	105.3	25.35	5.0	100.8	24.60	5.3	96.0	23.58	5.5	90.7	21.76	5.7	85.2	19.62	5.9
		460	105.7	25.24	7.5	101.3	24.54	7.6	96.2	23.48	7.7	91.2	21.63	7.8	85.6	19.54	7.9
		690	112.1	24.69	8.2	107.2	23.97	8.3	102.1	22.95	8.4	96.6	21.14	8.4	90.7	19.12	8.5
	15	230	115.9	22.20	9.2	110.9	21.55	9.4	105.6	20.61	9.7	99.8	19.00	10.0	93.8	17.16	10.2
		460	115.9	22.08	12.1	110.9	21.44	12.2	105.6	20.52	12.3	99.8	18.89	12.5	93.8	17.10	12.6
		690	115.9	21.59	13.0	110.9	20.97	13.1	105.6	20.03	13.2	99.8	18.47	13.3	93.8	16.70	13.4
	20	230	115.9	19.51	14.0	110.9	18.94	14.3	105.6	18.15	14.6	99.8	16.74	14.8	93.8	15.11	15.1
		460	115.9	19.44	17.0	110.9	18.85	17.1	105.6	18.03	17.3	99.8	16.65	17.4	93.8	15.03	17.5
		690	115.9	18.99	18.0	110.9	18.46	18.1	105.6	17.64	18.2	99.8	16.26	18.3	93.8	14.71	18.4
	25	230	115.9	16.64	18.8	110.9	16.13	19.1	105.6	15.46	19.4	99.8	14.25	19.7	93.8	12.88	20.0
		460	115.9	16.47	21.9	110.9	16.02	22.0	105.6	15.30	22.2	99.8	14.12	22.3	93.8	12.74	22.5
		690	115.9	16.17	22.9	110.9	15.70	23.0	105.6	15.04	23.1	99.8	13.87	23.2	93.8	12.53	23.3
	30	230	115.9	13.91	23.6	110.9	13.51	23.9	105.6	12.90	24.2	99.8	11.89	24.5	93.8	10.75	24.8
		460	115.9	13.78	26.8	110.9	13.39	27.0	105.6	12.79	27.1	99.8	11.82	27.3	93.8	10.66	27.4
		690	115.9	13.57	27.9	110.9	13.18	28.0	105.6	12.60	28.1	99.8	11.63	28.2	93.8	10.51	28.3
	35	230	115.9	12.71	28.6	110.9	12.36	28.9	105.6	11.80	29.2	99.8	10.89	29.5	93.8	9.84	29.8
		460	115.9	12.48	31.8	110.9	12.13	31.9	105.6	11.58	32.1	99.8	10.70	32.2	93.8	9.66	32.4
		690	115.9	12.35	32.8	110.9	11.99	32.9	105.6	11.45	33.0	99.8	10.58	33.1	93.8	9.54	33.2
	40	230	115.9	11.45	33.5	110.9	11.11	33.8	105.6	10.64	34.1	99.8	9.81	34.4	93.8	8.86	34.7
		460	115.9	11.23	36.7	110.9	10.90	36.9	105.6	10.44	37.0	99.8	9.61	37.2	93.8	8.71	37.3
		690	115.9	11.11	37.8	110.9	10.78	37.9	105.6	10.32	38.0	99.8	9.51	38.1	93.8	8.59	38.2
	45	230	115.9	9.72	38.4	110.9	9.44	38.7	105.6	9.03	39.0	99.8	8.32	39.3	93.8	7.53	39.6
		460	115.9	9.55	41.7	110.9	9.27	41.8	105.6	8.86	42.0	99.8	8.17	42.1	93.8	7.39	42.3
		690	115.9	9.43	42.8	110.9	9.14	42.9	105.6	8.76	43.0	99.8	8.08	43.1	93.8	7.30	43.2
60	10	230	90.3	20.96	5.7	86.3	20.36	5.9	82.2	19.47	6.1	77.8	17.94	6.3	73.1	16.22	6.5
		460	90.6	20.54	7.8	86.6	19.95	7.9	82.6	19.11	8.0	78.1	17.61	8.1	73.3	15.92	8.2
		690	96.0	20.40	8.4	91.9	19.82	8.5	87.4	18.97	8.6	82.7	17.47	8.6	77.7	15.77	8.7
	15	230	99.4	18.30	9.9	95.0	17.77	10.2	90.5	17.02	10.4	85.7	15.67	10.6	80.4	14.18	10.9
		460	99.4	17.96	12.5	95.0	17.43	12.6	90.5	16.69	12.7	85.7	15.39	12.8	80.4	13.90	12.9
		690	99.4	17.85	13.3	95.0	17.32	13.4	90.5	16.55	13.5	85.7	15.26	13.5	80.4	13.79	13.6
	20	230	99.4	16.11	14.8	95.0	15.66	15.1	90.5	14.99	15.3	85.7	13.80	15.5	80.4	12.49	15.8
		460	99.4	15.79	17.4	95.0	15.36	17.5	90.5	14.66	17.6	85.7	13.53	17.8	80.4	12.23	17.9
		690	99.4	15.69	18.3	95.0	15.22	18.3	90.5	14.56	18.4	85.7	13.43	18.5	80.4	12.13	18.6
	25	230	99.4	13.64	19.7	95.0	13.26	19.9	90.5	12.69	20.2	85.7	11.69	20.4	80.4	10.57	20.6
		460	99.4	13.47	22.3	95.0	13.08	22.4	90.5	12.49	22.6	85.7	11.54	22.7	80.4	10.42	22.8
		690	99.4	13.25	23.2	95.0	12.84	23.3	90.5	12.29	23.4	85.7	11.33	23.5	80.4	10.25	23.5
	30	230	99.4	11.35	24.5	95.0	11.04	24.8	90.5	10.55	25.0	85.7	9.74	25.3	80.4	8.79	25.5
		460	99.4	11.19	27.3	95.0	10.87	27.4	90.5	10.41	27.5	85.7	9.60	27.6	80.4	8.66	27.8
		690	99.4	11.09	28.2	95.0	10.76	28.2	90.5	10.29	28.3	85.7	9.48	28.4	80.4	8.57	28.5
	35	230	99.4	10.30	29.4	95.0	10.00	29.7	90.5	9.55	30.0	85.7	8.83	30.2	80.4	7.96	30.5
		460	99.4	10.30	32.2	95.0	9.97	32.3	90.5	9.55	32.5	85.7	8.81	32.6	80.4	7.96	32.7
		690	99.4	10.10	33.1	95.0	9.81	33.2	90.5	9.38	33.3	85.7	8.65	33.4	80.4	7.81	33.5
	40	230	99.4	9.26	34.4	95.0	8.99	34.6	90.5	8.60	34.9	85.7	7.95	35.2	80.4	7.17	35.4
		460	99.4	9.24	37.2	95.0	8.99	37.3	90.5	8.61	37.4	85.7	7.92	37.6	80.4	7.17	37.7
		690	99.4	9.07	38.1	95.0	8.83	38.2	90.5	8.43	38.3	85.7	7.79	38.4	80.4	7.03	38.5
	45	230	99.4	7.86	39.3	95.0	7.63	39.6	90.5	7.30	39.8	85.7	6.74	40.1	80.4	6.08	40.4
		460	99.4	7.85	42.1	95.0	7.63	42.3	90.5	7.30	42.4	85.7	6.73	42.5	80.4	6.08	42.7
		690	99.4	7.72	43.1	95.0	7.48	43.2	90.5	7.16	43.3	85.7	6.61	43.4	80.4	5.97	43.5
50	10	230	75.2	16.00	6.3	71.9	15.53	6.5	68.5	14.86	6.7	64.8	13.70	6.8	60.9	12.38	7.0
		460	75.5	15.84	8.1	72.3	15.39	8.2	68.8	14.71	8.3	65.0	13.55	8.4	61.1	12.26	8.5
		690	80.0	15.74	8.7	76.4	15.30	8.7	72.8	14.61	8.8	68.9	13.50	8.8	64.8	12.17	8.9
	15	230	82.8	13.99	10.7	79.2	13.55	10.9	75.4	12.99	11.1	71.3	11.96	11.3	67.0	10.83	11.5
		460	82.8	13.85	12.9	79.2	13.42	13.0	75.4	12.85	13.1	71.3	11.84	13.1	67.0	10.70	13.2
		690	82.8	13.76	13.6	79.2	13.36	13.6	75.4	12.76	13.7	71.3	11.79	13.8	67.0	10.65	13.8
	20	230	82.8	12.29	15.6	79.2	11.93	15.8	75.4	11.43	16.0	71.3	10.54	16.2	67.0	9.51	16.4
		460	82.8	12.18	17.8	79.2	11.83	17.9	75.4	11.31	18.0	71.3	10.42	18.1	67.0	9.43	18.2
		690	82.8	12.12	18.5	79.2	11.77	18.6	75.4	11.26	18.7	71.3	10.39	18.7	67.0	9.37	18.8
	25	230	82.8	10.48	20.5	79.2	10.18	20.7	75.4	9.73	20.9	71.3	8.97	21.1	67.0	8.11	21.3
		460	82.8	10.25	22.7	79.2	9.94	22.8	75.4	9.52	22.9	71.3	8.79	23.1	67.0	7.93	23.2
		690	82.8	10.31	23.5	79.2	10.00	23.6	75.4	9.57	23.6	71.3	8.83	23.7	67.0	7.96	23.8
	30	230	82.8	8.82	25.4	79.2	8.56	25.6	75.4	8.19	25.8	71.3	7.55	26.0	67.0	6.83	26.3
		460	82.8	8.63	27.7	79.2	8.37	27.8	75.4	8.01	27.9	71.3	7.39	28.0	67.0	6.68	28.1
		690	82.8	8.59	28.5	79.2	8.33	28.5	75.4	7.96	28.6	71.3	7.35	28.7	67.0	6.64	28.7
	35	230	82.8	8.00	30.3	79.2	7.77	30.5	75.4	7.42	30.8	71.3	6.86	31.0	67.0	6.19	31.2
		460	82.8	7.83	32.7	79.2	7.60	32.8	75.4	7.27	32.9	71.3	6.71	33.0	67.0	6.07	33.1
		690	82.8	7.72	33.4	79.2	7.49	33.5	75.4	7.17	33.6	71.3	6.62	33.7	67.0	5.98	33.7
	40	230	82.8	7.19	35.3	79.2	6.99	35.5	75.4	6.68	35.7	71.3	6.17	35.9	67.0	5.56	36.2
		460	82.8	7.05	37.6	79.2	6.85	37.7	75.4	6.55	37.9	71.3	6.03	38.0	67.0	5.46	38.1
		690	82.8	6.96	38.4	79.2	6.74	38.5	75.4	6.45	38.6	71.3	5.96	38.6	67.0	5.38	38.7
	45	230	82.8	6.11	40.2	79.2	5.93	40.4	75.4	5.67	40.7	71.3	5.24	40.9	67.0	4.73	41.1
		460	82.8	5.98	42.6	79.2	5.81	42.7	75.4	5.55	42.8	71.3	5.13	42.9	67.0	4.64	43.1
		690	82.8	5.90	43.4	79.2	5.73	43.5	75.4	5.48	43.5	71.3	5.06	43.6	67.0	4.56	43.7

1-20. AM500FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	238	140.0	10.09	19.0	154.3	11.99	20.0	165.7	13.17	20.8	177.6	13.99	21.5	182.0	14.12	21.8
		476	140.0	9.85	14.5	154.3	11.63	15.0	165.9	12.97	15.4	177.6	13.63	15.8	182.3	13.91	15.9
		714	140.1	9.73	13.0	154.0	11.46	13.3	166.0	12.58	13.6	177.5	13.22	13.8	182.4	13.58	13.9
	15	238	137.6	12.98	24.1	151.5	15.42	25.1	163.6	17.13	25.9	174.6	17.97	26.6	179.0	18.33	26.9
		476	137.7	12.79	19.5	151.6	15.10	20.0	163.4	16.84	20.4	174.7	17.67	20.8	179.1	18.06	20.9
		714	137.5	12.48	18.0	151.5	14.72	18.3	163.6	16.31	18.6	174.6	17.09	18.8	179.2	17.64	19.0
	20	238	135.7	15.50	29.1	149.7	18.17	30.1	161.5	20.26	30.9	172.0	21.27	31.6	176.7	21.69	31.9
		476	135.7	15.19	24.5	149.7	17.86	25.0	161.4	19.93	25.5	172.3	21.00	25.8	176.9	21.43	26.0
		714	135.7	14.68	23.0	149.6	17.33	23.4	161.2	19.42	23.6	171.9	20.20	23.9	176.6	20.82	24.0
	25	238	135.6	19.47	34.3	149.6	22.93	35.4	161.4	25.52	36.3	172.1	26.80	37.0	176.9	27.29	37.3
		476	135.6	19.17	29.7	149.8	22.60	30.2	161.5	25.06	30.6	172.0	26.46	31.0	176.9	26.89	31.1
		714	135.7	18.52	28.1	149.8	21.87	28.4	161.6	24.40	28.7	172.2	25.61	29.0	176.9	26.29	29.1
	30	238	135.7	22.83	39.5	149.5	26.90	40.6	161.4	29.93	41.5	172.2	31.39	42.3	176.8	32.02	42.6
		476	135.8	22.45	34.8	149.6	26.46	35.3	161.3	29.48	35.7	172.3	30.96	36.1	177.0	31.58	36.3
		714	135.7	21.74	33.2	149.7	25.58	33.5	161.5	28.53	33.8	172.4	29.95	34.1	176.9	30.75	34.2
	35	238	128.4	23.75	44.2	141.8	27.97	45.2	152.6	31.24	46.1	163.5	32.73	46.8	167.1	33.30	47.1
		476	128.3	23.30	39.6	141.6	27.47	40.1	152.6	30.60	40.5	163.6	32.28	40.9	167.0	32.95	41.0
		714	128.3	22.72	38.0	141.7	26.65	38.4	152.8	29.67	38.7	163.4	31.18	38.9	167.1	31.97	39.0
	40	238	107.2	24.76	47.9	118.1	29.17	48.9	127.2	32.47	49.6	136.2	34.07	50.3	140.0	34.77	50.5
		476	108.1	24.36	44.0	119.1	28.67	44.4	128.4	31.89	44.8	137.2	33.54	45.1	141.0	34.31	45.3
		714	109.7	23.60	42.7	120.6	27.68	43.0	130.0	30.99	43.2	139.5	32.53	43.5	143.2	33.47	43.5
	45	238	89.4	25.59	51.9	98.2	30.10	52.7	105.3	33.61	53.4	113.0	35.13	53.9	116.3	35.87	54.2
		476	90.3	25.17	48.5	98.8	29.63	48.9	106.6	32.97	49.2	113.8	34.78	49.5	116.9	35.47	49.6
		714	91.5	24.33	47.3	100.4	28.62	47.6	107.9	32.01	47.8	115.6	33.58	48.0	118.7	34.56	48.1
120	10	238	132.6	9.59	18.6	146.0	11.35	19.5	157.4	12.50	20.2	168.2	13.20	20.9	172.2	13.35	21.2
		476	132.8	9.44	14.3	146.2	11.13	14.7	157.5	12.27	15.1	168.2	12.91	15.5	172.4	13.16	15.6
		714	132.8	9.01	12.8	146.3	10.88	13.2	157.6	11.88	13.4	168.1	12.54	13.6	172.6	12.98	13.7
	15	238	131.2	12.46	23.7	144.0	14.70	24.6	155.5	16.43	25.4	166.4	17.19	26.1	170.5	17.48	26.3
		476	131.3	12.26	19.3	144.1	14.42	19.8	155.4	16.11	20.2	166.0	16.87	20.5	170.2	17.22	20.6
		714	131.0	11.87	17.9	144.2	14.08	18.2	155.5	15.59	18.4	166.4	16.36	18.7	170.4	16.90	18.8
	20	238	129.7	14.91	28.7	142.6	17.48	29.6	154.0	19.43	30.4	164.9	20.49	31.2	169.0	20.85	31.4
		476	129.8	14.56	24.3	142.5	17.15	24.8	153.9	19.19	25.2	164.8	20.17	25.6	168.8	20.49	25.7
		714	129.9	14.15	22.9	142.7	16.71	23.2	154.0	18.64	23.5	164.8	19.44	23.7	168.8	19.99	23.8
	25	238	129.8	18.70	33.9	142.5	21.96	34.9	154.0	24.42	35.7	164.7	25.69	36.5	168.8	26.18	36.7
		476	129.8	18.33	29.5	142.7	21.68	29.9	153.9	24.06	30.4	164.5	25.27	30.7	168.8	25.78	30.9
		714	129.6	17.72	28.0	142.8	20.93	28.3	154.2	23.42	28.6	164.7	24.50	28.8	168.8	25.09	28.9
	30	238	129.8	22.07	39.1	142.6	25.95	40.2	154.0	28.90	41.0	164.7	30.37	41.8	168.9	30.92	42.0
		476	129.7	21.67	34.6	142.7	25.46	35.1	154.1	28.53	35.5	164.6	29.85	35.9	168.7	30.44	36.0
		714	129.6	20.95	33.0	142.7	24.68	33.4	154.1	27.55	33.6	164.5	28.98	33.9	169.0	29.66	34.0
	35	238	124.7	23.21	43.9	137.4	27.40	44.9	148.6	30.62	45.8	158.2	32.02	46.5	162.4	32.64	46.7
		476	124.4	22.84	39.4	137.6	26.94	40.0	148.4	29.96	40.4	158.3	31.56	40.7	162.5	32.19	40.9
		714	124.5	22.19	37.9	137.4	26.14	38.3	148.4	29.04	38.6	158.0	30.45	38.8	162.3	31.27	38.9
	40	238	106.2	24.69	47.9	117.1	29.14	48.8	126.3	32.41	49.6	134.5	34.05	50.2	138.6	34.77	50.4
		476	107.2	24.31	44.0	118.0	28.62	44.4	127.2	31.83	44.8	135.8	33.47	45.1	139.8	34.18	45.2
		714	108.6	23.53	42.7	119.5	27.76	43.0	129.1	30.94	43.2	137.8	32.51	43.4	141.7	33.33	43.5
	45	238	90.3	25.95	52.0	100.1	30.55	52.9	107.6	34.19	53.5	114.9	35.69	54.1	118.0	36.50	54.3
		476	91.1	25.59	48.5	100.6	30.04	48.9	108.8	33.50	49.3	115.7	35.26	49.5	119.0	36.00	49.7
		714	92.4	24.66	47.4	102.1	29.23	47.6	110.3	32.52	47.9	117.5	34.22	48.0	120.5	34.91	48.1
110	10	238	125.1	8.97	18.1	137.5	10.74	18.9	148.5	11.77	19.7	158.7	12.49	20.3	162.2	12.60	20.5
		476	125.3	8.84	14.0	137.5	10.41	14.5	148.5	11.56	14.8	158.5	12.25	15.1	162.5	12.35	15.3
		714	125.4	8.58	12.7	137.5	10.15	13.0	148.6	11.34	13.2	158.6	11.83	13.4	162.4	12.16	13.5
	15	238	124.3	11.85	23.2	136.7	14.03	24.1	147.6	15.66	24.8	157.9	16.39	25.5	161.7	16.73	25.7
		476	124.1	11.68	19.1	136.4	13.75	19.5	147.6	15.36	19.9	157.9	16.16	20.2	161.8	16.42	20.4
		714	124.3	11.35	17.7	136.5	13.38	18.0	147.3	14.94	18.3	157.8	15.62	18.5	162.0	16.03	18.6
	20	238	123.6	14.34	28.3	136.2	16.78	29.2	146.9	18.71	30.0	156.7	19.61	30.6	160.8	20.00	30.9
		476	123.7	14.02	24.1	136.2	16.48	24.6	147.0	18.38	25.0	156.8	19.32	25.3	160.9	19.69	25.4
		714	123.6	13.60	22.8	136.0	16.01	23.1	146.8	17.90	23.3	156.9	18.71	23.5	161.0	19.10	23.6
	25	238	123.8	17.90	33.5	136.1	21.02	34.5	147.0	23.40	35.3	156.8	24.53	35.9	161.0	24.98	36.2
		476	123.6	17.61	29.3	135.9	20.71	29.7	146.9	23.01	30.1	156.6	24.16	30.4	160.9	24.58	30.6
		714	123.8	16.99	27.8	135.9	20.01	28.1	147.1	22.37	28.4	156.7	23.47	28.6	161.1	23.91	28.7
	30	238	123.8	21.26	38.7	136.1	25.03	39.7	147.1	27.85	40.5	156.7	29.28	41.2	161.1	29.79	41.5
		476	123.7	20.91	34.4	136.0	24.59	34.8	147.0	27.45	35.3	156.7	28.79	35.6	160.8	29.28	35.7
		714	123.6	20.23	32.9	136.0	23.83	33.2	146.9	26.61	33.5	156.9	27.86	33.7	160.8	28.55	33.8
	35	238	120.9	22.74	43.6	133.9	26.84	44.7	143.8	29.96	45.5	154.1	31.31	46.2	157.7	31.89	46.4
		476	120.9	22.32	39.3	133.7	26.31	39.8	143.7	29.34	40.2	153.8	30.83	40.6	157.7	31.44	40.7
		714	121.0	21.70	37.9	133.7	25.53	38.2	143.8	28.39	38.5	154.0	29.80	38.7	157.6	30.49	38.8
	40	238	105.3	24.69	47.8	116.1	29.12	48.7	124.9	32.36	49.5	133.7	33.97	50.1	137.7	34.67	50.4
		476	106.0	24.23	43.9	117.0	28.58	44.4	125.8	31.86	44.7	134.8	33.35	45.1	138.6	34.13	45.2
		714	107.8	23.52	42.6	118.5	27.67	42.9	127.5	30.89	43.2	136.8	32.47	43.4	140.5	33.14	43.5
	45	238	92.1	26.48	52.1	101.5	31.08	53.0	109.0	34.72	53.7	117.1	36.28	54.2	120.3	37.07	54.5
		476	93.0	25.92	48.6	102.2	30.57	49.0	110.2	34.07	49.3	118.0	35.87	49.6	121.1	36.52	49.7
		714	94.2	25.06	47.4	103.7	29.70	47.7	111.6	33.02	47.9	119.8	34.79	48.1	123.0	35.39	48.2

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	238	117.7	8.53	17.6	130.0	10.04	18.4	140.0	11.20	19.1	149.8	11.76	19.7	153.5	11.97	20.0
		476	117.7	8.38	13.8	130.0	9.86	14.2	140.0	11.01	14.5	149.8	11.53	14.9	153.5	11.74	15.0
		714	117.7	8.13	12.5	130.0	9.57	12.8	140.0	10.67	13.0	149.8	11.18	13.2	153.5	11.39	13.3
	15	238	117.7	11.38	22.8	130.0	13.42	23.6	140.0	14.95	24.3	149.8	15.69	25.0	153.5	15.96	25.2
		476	117.7	11.18	18.9	130.0	13.19	19.3	140.0	14.68	19.7	149.8	15.39	20.0	153.5	15.67	20.1
		714	117.7	10.86	17.6	130.0	12.78	17.9	140.0	14.25	18.1	149.8	14.91	18.3	153.5	15.22	18.4
	20	238	117.7	13.73	27.9	130.0	16.17	28.8	140.0	17.99	29.5	149.8	18.90	30.2	153.5	19.23	30.4
		476	117.7	13.48	24.0	130.0	15.89	24.4	140.0	17.67	24.7	149.8	18.56	25.1	153.5	18.92	25.2
		714	117.7	13.06	22.6	130.0	15.39	22.9	140.0	17.17	23.2	149.8	18.00	23.4	153.5	18.32	23.4
	25	238	117.7	17.10	33.1	130.0	20.11	34.0	140.0	22.43	34.8	149.8	23.53	35.4	153.5	23.98	35.7
		476	117.7	16.80	29.1	130.0	19.81	29.5	140.0	22.03	29.9	149.8	23.13	30.2	153.5	23.59	30.3
		714	117.7	16.30	27.7	130.0	19.17	28.0	140.0	21.40	28.2	149.8	22.43	28.5	153.5	22.83	28.5
	30	238	117.7	20.56	38.3	130.0	24.21	39.3	140.0	26.94	40.1	149.8	28.27	40.7	153.5	28.84	41.0
		476	117.7	20.18	34.2	130.0	23.79	34.6	140.0	26.59	35.0	149.8	27.77	35.3	153.5	28.30	35.5
		714	117.7	19.59	32.8	130.0	23.04	33.1	140.0	25.70	33.3	149.8	26.93	33.5	153.5	27.47	33.6
	35	238	117.7	22.30	43.4	130.0	26.28	44.4	140.0	29.32	45.2	149.8	30.75	45.9	153.5	31.32	46.1
		476	117.7	21.93	39.2	130.0	25.81	39.7	140.0	28.76	40.1	149.8	30.22	40.4	153.5	30.78	40.6
		714	117.7	21.28	37.8	130.0	25.03	38.1	140.0	27.90	38.4	149.8	29.24	38.6	153.5	29.79	38.7
	40	238	104.6	24.74	47.8	115.5	29.16	48.7	124.2	32.44	49.4	133.1	34.06	50.1	136.6	34.71	50.3
		476	105.5	24.33	43.9	116.5	28.63	44.4	125.2	31.89	44.7	134.2	33.45	45.0	137.8	34.11	45.2
		714	107.1	23.58	42.6	118.0	27.74	42.9	127.0	30.92	43.2	136.3	32.48	43.4	139.5	33.07	43.5
	45	238	93.9	26.95	52.3	103.6	31.68	53.1	111.3	35.37	53.8	119.5	37.02	54.4	122.7	37.74	54.7
		476	94.8	26.48	48.7	104.4	31.19	49.1	112.5	34.72	49.4	120.4	36.47	49.7	123.6	37.12	49.8
		714	96.0	25.66	47.4	106.0	30.25	47.7	114.0	33.68	48.0	122.3	35.34	48.2	125.3	35.94	48.2
90	10	238	106.0	8.07	16.9	116.8	9.52	17.6	125.7	10.60	18.2	134.7	11.11	18.8	138.3	11.32	19.0
		476	106.0	7.91	13.4	116.8	9.32	13.8	125.7	10.37	14.1	134.7	10.88	14.4	138.3	11.11	14.5
		714	106.0	7.71	12.3	116.8	9.10	12.5	125.7	10.11	12.7	134.7	10.62	12.9	138.3	10.81	13.0
	15	238	106.0	10.79	22.0	116.8	12.68	22.8	125.7	14.12	23.4	134.7	14.83	24.0	138.3	15.11	24.2
		476	106.0	10.57	18.5	116.8	12.44	18.9	125.7	13.87	19.2	134.7	14.53	19.5	138.3	14.82	19.6
		714	106.0	10.29	17.3	116.8	12.14	17.6	125.7	13.52	17.8	134.7	14.17	18.0	138.3	14.44	18.1
	20	238	106.0	12.99	27.2	116.8	15.31	28.0	125.7	17.03	28.6	134.7	17.88	29.2	138.3	18.19	29.4
		476	106.0	12.74	23.6	116.8	15.00	24.0	125.7	16.69	24.3	134.7	17.52	24.6	138.3	17.84	24.7
		714	106.0	12.41	22.4	116.8	14.61	22.6	125.7	16.28	22.9	134.7	17.08	23.0	138.3	17.42	23.1
	25	238	106.0	16.26	32.4	116.8	19.13	33.2	125.7	21.31	33.9	134.7	22.38	34.5	138.3	22.77	34.7
		476	106.0	15.96	28.7	116.8	18.78	29.1	125.7	20.91	29.4	134.7	21.97	29.7	138.3	22.37	29.8
		714	106.0	15.39	27.4	116.8	18.15	27.7	125.7	20.21	27.9	134.7	21.19	28.1	138.3	21.61	28.2
	30	238	106.0	19.47	37.6	116.8	22.94	38.4	125.7	25.54	39.1	134.7	26.80	39.7	138.3	27.31	40.0
		476	106.0	19.11	33.8	116.8	22.53	34.2	125.7	25.08	34.5	134.7	26.33	34.8	138.3	26.77	35.0
		714	106.0	18.61	32.5	116.8	21.95	32.8	125.7	24.45	33.0	134.7	25.63	33.2	138.3	26.11	33.3
	35	238	106.0	21.15	42.7	116.8	24.89	43.5	125.7	27.70	44.2	134.7	29.07	44.9	138.3	29.65	45.1
		476	106.0	20.73	38.8	116.8	24.42	39.3	125.7	27.19	39.6	134.7	28.56	39.9	138.3	29.05	40.0
		714	106.0	20.21	37.5	116.8	23.79	37.8	125.7	26.51	38.1	134.7	27.83	38.3	138.3	28.35	38.3
	40	238	94.2	23.42	47.1	104.0	27.58	47.9	111.6	30.68	48.6	119.8	32.22	49.2	122.9	32.79	49.4
		476	94.9	22.98	43.5	104.8	27.06	44.0	112.5	30.18	44.3	121.0	31.63	44.6	123.8	32.23	44.7
		714	96.3	22.40	42.4	106.2	26.38	42.7	114.4	29.36	42.9	122.4	30.85	43.1	125.6	31.41	43.2
	45	238	84.5	25.46	51.6	93.3	30.03	52.4	100.3	33.41	53.1	107.6	35.09	53.6	110.4	35.74	53.8
		476	85.2	25.00	48.3	94.1	29.49	48.7	101.1	32.85	49.0	108.5	34.43	49.3	111.1	35.05	49.4
		714	105.8	8.10	47.3	95.3	28.70	47.5	102.5	32.00	47.7	110.1	33.55	47.9	112.8	34.16	47.9
80	10	238	94.2	7.05	16.1	104.0	8.44	16.8	111.7	9.41	17.3	119.6	9.89	17.8	122.8	10.05	18.0
		476	94.2	6.84	13.0	104.0	8.31	13.4	111.7	9.26	13.6	119.6	9.71	13.9	122.8	9.90	14.0
		714	94.2	9.66	12.1	104.0	8.12	12.3	111.7	9.04	12.4	119.6	9.50	12.6	122.8	9.68	12.7
	15	238	94.2	9.42	21.2	104.0	11.29	21.9	111.7	12.57	22.5	119.6	13.17	23.0	122.8	13.42	23.2
		476	94.2	9.13	18.1	104.0	11.09	18.5	111.7	12.35	18.7	119.6	12.94	19.0	122.8	13.20	19.1
		714	94.2	11.65	17.1	104.0	10.85	17.3	111.7	12.07	17.5	119.6	12.66	17.7	122.8	12.92	17.7
	20	238	94.2	11.35	26.4	104.0	13.59	27.1	111.7	15.13	27.6	119.6	15.89	28.2	122.8	16.17	28.4
		476	94.2	10.99	23.2	104.0	13.35	23.5	111.7	14.89	23.8	119.6	15.61	24.1	122.8	15.91	24.2
		714	94.2	14.51	22.2	104.0	13.05	22.3	111.7	14.55	22.5	119.6	15.27	22.7	122.8	15.55	22.8
	25	238	94.2	14.27	31.5	104.0	17.11	32.3	111.7	19.08	32.9	119.6	20.02	33.4	122.8	20.38	33.6
		476	94.2	13.80	28.3	104.0	16.76	28.6	111.7	18.64	28.9	119.6	19.56	29.2	122.8	19.94	29.3
		714	94.2	17.35	27.2	104.0	16.22	27.4	111.7	18.08	27.6	119.6	18.95	27.8	122.8	19.30	27.9
	30	238	94.2	16.99	36.7	104.0	20.39	37.5	111.7	22.71	38.1	119.6	23.79	38.6	122.8	24.24	38.9
		476	94.2	16.55	33.3	104.0	20.14	33.7	111.7	22.44	34.0	119.6	23.52	34.3	122.8	23.98	34.4
		714	94.2	18.91	32.3	104.0	19.53	32.5	111.7	21.73	32.7	119.6	22.81	32.9	122.8	23.25	32.9
	35	238	94.2	18.58	41.8	104.0	22.24	42.6	111.7	24.78	43.2	119.6	25.96	43.8	122.8	26.48	44.0
		476	94.2	18.07	38.4	104.0	21.95	38.8	111.7	24.43	39.1	119.6	25.67	39.4	122.8	26.15	39.5
		714	83.8	20.86	37.1	104.0	21.12	37.5	111.7	23.53	37.7	119.6	24.71	37.9	122.8	25.15	38.0
	40	238	84.3	20.57	46.3	92.4	24.67	47.0	99.2	27.41	47.6	106.5	28.79	48.1	109.1	29.30	48.3
		476	85.5	20.01	43.2	93.1	24.33	43.5	100.0	27.09	43.8	107.3	28.44	44.1	110.3	28.95	44.2
		714	75.2	22.70	42.0	94.4	23.43	42.4	101.7	26.07	42.6	108.9	27.34	42.7	111.6	27.91	42.8
	45	238	75.8	22.36	50.9	82.9	26.80	51.6	89.0	29.87	52.2	95.7	31.34	52.7	98.1	31.96	52.8
		476	76.8	21.78	48.0	83.6	26.50	48.3	89.9	29.47	48.6	96.3	30.94	48.8	99.0	31.54	48.9
		714	84.8	6.82	46.8	84.7	25.49	47.2	91.3	28.40	47.4	97.9	29.78	47.6	100.4	30.32	47.6

1-20. AM500FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	238	82.5	5.94	15.3	91.0	7.00	15.9	97.7	7.81	16.4	104.8	8.19	16.8	107.5	8.34	17.0
		476	82.5	5.88	12.7	91.0	6.91	12.9	97.7	7.72	13.2	104.8	8.08	13.4	107.5	8.25	13.5
		714	82.5	5.66	11.8	91.0	6.66	12.0	97.7	7.42	12.1	104.8	7.80	12.3	107.5	7.94	12.3
	15	238	82.5	7.94	20.4	91.0	9.34	21.0	97.7	10.41	21.5	104.8	10.93	22.0	107.5	11.13	22.1
		476	82.5	7.85	17.7	91.0	9.24	18.0	97.7	10.30	18.3	104.8	10.79	18.5	107.5	11.00	18.6
		714	82.5	7.55	16.8	91.0	8.90	17.0	97.7	9.93	17.2	104.8	10.41	17.3	107.5	10.59	17.4
	20	238	82.5	9.57	25.5	91.0	11.26	26.2	97.7	12.55	26.6	104.8	13.17	27.1	107.5	13.41	27.3
		476	82.5	9.46	22.8	91.0	11.13	23.1	97.7	12.42	23.3	104.8	13.00	23.5	107.5	13.27	23.6
		714	82.5	9.11	21.8	91.0	10.73	22.0	97.7	11.97	22.2	104.8	12.53	22.4	107.5	12.77	22.4
	25	238	82.5	11.96	30.7	91.0	14.08	31.3	97.7	15.68	31.8	104.8	16.46	32.3	107.5	16.77	32.5
		476	82.5	11.79	27.8	91.0	13.86	28.2	97.7	15.45	28.4	104.8	16.21	28.6	107.5	16.50	28.7
		714	82.5	11.40	26.9	91.0	13.43	27.1	97.7	14.95	27.3	104.8	15.71	27.4	107.5	16.00	27.5
	30	238	82.5	14.36	35.8	91.0	16.92	36.5	97.7	18.85	37.0	104.8	19.79	37.5	107.5	20.16	37.7
		476	82.5	14.14	32.9	91.0	16.65	33.2	97.7	18.55	33.5	104.8	19.45	33.7	107.5	19.80	33.8
		714	82.5	13.73	31.9	91.0	16.19	32.2	97.7	18.02	32.3	104.8	18.90	32.5	107.5	19.28	32.5
	35	238	82.5	15.72	40.9	91.0	18.55	41.6	97.7	20.67	42.1	104.8	21.64	42.6	107.5	22.08	42.8
		476	82.5	15.33	37.9	91.0	18.05	38.3	97.7	20.14	38.5	104.8	21.09	38.8	107.5	21.50	38.9
		714	82.5	14.93	37.0	91.0	17.57	37.2	97.7	19.57	37.4	104.8	20.54	37.5	107.5	20.93	37.6
	40	238	73.1	17.42	45.5	80.9	20.54	46.1	86.8	22.90	46.6	93.2	23.99	47.1	95.5	24.47	47.2
		476	73.7	17.00	42.7	81.5	19.99	43.1	87.7	22.28	43.3	94.0	23.37	43.5	96.4	23.84	43.6
		714	74.9	16.53	41.8	82.7	19.49	42.1	88.8	21.71	42.2	95.4	22.75	42.4	97.8	23.19	42.4
	45	238	65.7	18.98	50.1	72.6	22.34	50.7	77.9	24.89	51.2	83.6	26.13	51.6	85.8	26.61	51.8
		476	66.3	18.50	47.6	73.2	21.78	47.9	78.6	24.27	48.1	84.4	25.46	48.3	86.5	25.93	48.4
		714	67.2	18.02	46.7	74.3	21.23	46.9	79.8	23.62	47.1	85.6	24.78	47.2	87.7	25.23	47.3
60	10	238	70.7	4.91	14.6	78.0	5.78	15.0	83.8	6.45	15.4	90.0	6.76	15.8	92.2	6.89	16.0
		476	70.7	4.78	12.3	78.0	5.62	12.5	83.8	6.28	12.7	90.0	6.59	12.9	92.2	6.70	13.0
		714	70.7	4.68	11.5	78.0	5.51	11.7	83.8	6.14	11.8	90.0	6.43	11.9	92.2	6.57	12.0
	15	238	70.7	6.56	19.7	78.0	7.72	20.2	83.8	8.59	20.6	90.0	9.02	21.0	92.2	9.20	21.1
		476	70.7	6.38	17.3	78.0	7.52	17.6	83.8	8.38	17.8	90.0	8.78	18.0	92.2	8.95	18.0
		714	70.7	6.25	16.5	78.0	7.36	16.7	83.8	8.19	16.8	90.0	8.59	17.0	92.2	8.77	17.0
	20	238	70.7	7.89	24.7	78.0	9.30	25.3	83.8	10.36	25.7	90.0	10.87	26.1	92.2	11.09	26.2
		476	70.7	7.70	22.4	78.0	9.05	22.6	83.8	10.08	22.8	90.0	10.59	23.0	92.2	10.79	23.1
		714	70.7	7.52	21.6	78.0	8.87	21.7	83.8	9.87	21.9	90.0	10.36	22.0	92.2	10.56	22.1
	25	238	70.7	9.84	29.9	78.0	11.58	30.4	83.8	12.91	30.8	90.0	13.53	31.2	92.2	13.79	31.4
		476	70.7	9.63	27.4	78.0	11.35	27.7	83.8	12.61	27.9	90.0	13.25	28.1	92.2	13.49	28.2
		714	70.7	9.33	26.6	78.0	11.00	26.8	83.8	12.24	26.9	90.0	12.84	27.1	92.2	13.07	27.1
	30	238	70.7	11.74	35.0	78.0	13.82	35.5	83.8	15.42	36.0	90.0	16.14	36.4	92.2	16.47	36.5
		476	70.7	11.50	32.5	78.0	13.55	32.8	83.8	15.09	33.0	90.0	15.82	33.2	92.2	16.13	33.3
		714	70.7	11.22	31.6	78.0	13.20	31.8	83.8	14.69	32.0	90.0	15.43	32.1	92.2	15.70	32.2
	35	238	70.7	12.74	40.0	78.0	14.99	40.6	83.8	16.71	41.1	90.0	17.53	41.5	92.2	17.87	41.6
		476	70.7	12.64	37.5	78.0	14.88	37.8	83.8	16.58	38.0	90.0	17.40	38.2	92.2	17.69	38.3
		714	70.7	12.21	36.7	78.0	14.41	36.9	83.8	16.03	37.0	90.0	16.83	37.1	92.2	17.15	37.2
	40	238	62.7	14.13	44.6	69.2	16.62	45.2	74.4	18.51	45.6	80.0	19.43	46.0	81.9	19.80	46.1
		476	63.3	13.97	42.3	69.8	16.46	42.6	75.1	18.36	42.8	80.5	19.23	43.0	82.7	19.63	43.1
		714	64.2	13.56	41.6	70.8	15.93	41.7	76.2	17.78	41.9	81.7	18.63	42.0	83.7	19.00	42.1
	45	238	56.3	15.36	49.3	62.2	18.10	49.8	66.9	20.13	50.2	71.7	21.14	50.6	73.5	21.53	50.7
		476	56.9	15.22	47.2	62.8	17.91	47.4	67.5	19.98	47.6	72.2	20.95	47.8	74.2	21.36	47.9
		714	57.6	14.73	46.5	63.5	17.37	46.6	68.4	19.35	46.8	73.4	20.26	46.9	75.2	20.67	46.9
50	10	238	58.8	3.74	13.8	65.0	4.41	14.2	69.8	4.92	14.5	75.0	5.15	14.8	76.8	5.25	14.9
		476	58.8	3.68	11.9	65.0	4.34	12.1	69.8	4.84	12.2	75.0	5.07	12.4	76.8	5.16	12.5
		714	58.8	3.61	11.3	65.0	4.25	11.4	69.8	4.74	11.5	75.0	4.97	11.6	76.8	5.07	11.6
	15	238	58.8	5.00	18.8	65.0	5.89	19.3	69.8	6.57	19.6	75.0	6.88	19.9	76.8	7.02	20.0
		476	58.8	4.92	16.9	65.0	5.78	17.1	69.8	6.45	17.3	75.0	6.77	17.5	76.8	6.89	17.5
		714	58.8	4.83	16.3	65.0	5.68	16.4	69.8	6.33	16.5	75.0	6.64	16.6	76.8	6.76	16.7
	20	238	58.8	6.03	23.9	65.0	7.09	24.3	69.8	7.91	24.7	75.0	8.29	25.0	76.8	8.45	25.1
		476	58.8	5.92	21.9	65.0	6.97	22.2	69.8	7.77	22.3	75.0	8.16	22.5	76.8	8.32	22.6
		714	58.8	5.81	21.3	65.0	6.84	21.4	69.8	7.63	21.6	75.0	8.00	21.7	76.8	8.15	21.7
	25	238	58.8	7.55	29.0	65.0	8.90	29.5	69.8	9.91	29.8	75.0	10.40	30.1	76.8	10.58	30.3
		476	58.8	7.33	27.0	65.0	8.64	27.2	69.8	9.61	27.4	75.0	10.09	27.6	76.8	10.28	27.6
		714	58.8	7.26	26.3	65.0	8.54	26.5	69.8	9.52	26.6	75.0	9.98	26.7	76.8	10.16	26.7
	30	238	58.8	9.10	34.1	65.0	10.74	34.6	69.8	11.96	34.9	75.0	12.54	35.3	76.8	12.77	35.4
		476	58.8	8.87	32.0	65.0	10.42	32.3	69.8	11.61	32.5	75.0	12.18	32.6	76.8	12.40	32.7
		714	58.8	8.68	31.4	65.0	10.23	31.5	69.8	11.40	31.6	75.0	11.96	31.7	76.8	12.17	31.8
	35	238	58.8	9.89	39.1	65.0	11.63	39.6	69.8	12.98	40.0	75.0	13.60	40.3	76.8	13.85	40.5
		476	58.8	9.62	37.1	65.0	11.32	37.3	69.8	12.62	37.5	75.0	13.23	37.7	76.8	13.48	37.7
		714	58.8	9.35	36.4	65.0	11.02	36.5	69.8	12.28	36.6	75.0	12.87	36.8	76.8	13.10	36.8
	40	238	52.2	10.95	43.8	57.8	12.89	44.3	62.1	14.38	44.6	66.6	15.08	44.9	68.3	15.35	45.0
		476	52.8	10.66	41.9	58.2	12.54	42.1	62.5	14.00	42.3	67.1	14.67	42.5	68.8	14.93	42.5
		714	53.5	10.36	41.3	59.1	12.20	41.4	63.5	13.59	41.5	68.1	14.27	41.7	69.8	14.53	41.7
	45	238	47.0	11.93	48.5	51.8	14.06	49.0	55.7	15.66	49.3	59.8	16.41	49.6	61.2	16.70	49.7
		476	47.4	11.60	46.8	52.3	13.65	47.0	56.2	15.22	47.2	60.2	15.97	47.3	61.9	16.29	47.4
		714	48.1	11.27	46.2	53.0	13.27	46.3	56.9	14.80	46.4	61.2	15.53	46.5	62.7	15.82	46.6

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	238	179.3	37.62	1.5	175.4	36.25	1.6	167.5	35.22	2.0	157.8	32.86	2.5	151.4	30.09	2.7
		476	183.1	36.34	5.6	178.1	35.64	5.7	171.1	34.72	5.9	161.1	32.22	6.1	154.5	29.61	6.2
		714	193.4	36.69	6.9	189.8	35.79	6.9	182.5	34.39	7.0	172.0	32.09	7.2	165.0	30.02	7.3
	15	238	198.0	33.37	5.1	192.7	31.82	5.3	184.9	30.83	5.7	173.3	28.69	6.3	166.5	26.35	6.6
		476	203.1	31.12	9.8	198.1	30.92	10.0	191.0	30.38	10.2	179.5	27.94	10.4	171.1	25.62	10.6
		714	201.9	32.43	11.6	199.4	31.88	11.6	194.5	30.49	11.7	182.3	28.10	11.9	174.8	26.97	12.0
	20	238	203.3	31.67	9.7	199.4	30.30	9.8	191.8	29.10	10.2	180.3	26.55	10.7	172.1	25.26	11.2
		476	206.9	29.89	14.7	204.9	29.84	14.7	197.8	28.87	14.9	186.1	27.18	15.2	178.4	26.06	15.4
		714	206.6	30.20	16.5	204.0	29.65	16.5	201.5	29.31	16.5	188.3	27.42	16.8	180.2	26.39	16.9
	25	238	210.6	29.38	14.1	204.4	28.96	14.4	200.2	28.28	14.6	189.2	26.66	15.2	182.0	25.25	15.6
		476	207.7	28.59	19.6	204.0	29.04	19.7	200.4	28.09	19.8	189.5	26.58	20.1	182.0	25.14	20.3
		714	205.5	28.40	21.4	204.3	27.74	21.5	200.3	27.81	21.5	189.5	26.35	21.7	182.2	24.04	21.8
	30	238	206.0	26.42	19.2	204.1	26.65	19.3	200.2	26.87	19.6	189.5	24.75	20.1	182.0	23.82	20.5
		476	206.1	25.79	24.6	204.2	26.75	24.7	200.2	26.31	24.8	189.3	24.76	25.0	182.3	22.69	25.2
		714	206.1	25.57	26.4	204.0	25.24	26.4	200.6	25.75	26.5	189.6	23.74	26.7	181.8	23.20	26.8
	35	238	206.2	24.85	24.1	204.3	25.66	24.2	200.4	26.60	24.5	189.4	24.26	25.1	182.2	22.39	25.4
		476	206.2	24.90	29.5	204.4	26.04	29.6	200.5	26.21	29.8	189.4	24.39	30.0	182.0	22.31	30.2
		714	206.6	24.49	31.3	204.0	25.15	31.4	200.5	25.57	31.5	189.3	23.29	31.7	182.0	21.37	31.8
	40	238	206.5	23.12	29.0	204.1	24.05	29.2	200.7	25.74	29.5	189.2	23.62	30.0	182.4	21.91	30.3
		476	206.3	23.19	34.5	204.0	24.38	34.6	200.5	24.98	34.7	189.3	23.34	35.0	182.0	21.53	35.2
		714	206.1	22.99	36.3	204.2	23.39	36.4	200.7	25.14	36.5	189.5	22.93	36.7	182.2	21.15	36.8
	45	238	206.2	20.41	33.8	204.2	21.36	34.0	200.2	23.93	34.4	189.2	22.04	34.9	182.2	20.53	35.3
		476	206.2	20.55	39.4	204.4	21.76	39.5	200.4	22.69	39.6	189.4	21.20	39.9	182.1	19.84	40.1
		714	206.3	20.65	41.3	204.2	20.59	41.3	200.5	23.78	41.5	189.4	21.46	41.6	182.1	20.18	41.7
120	10	238	171.0	37.31	2.0	167.0	36.11	2.1	159.5	35.01	2.5	150.1	32.36	2.9	143.4	29.65	3.2
		476	173.7	36.90	5.9	169.4	35.92	6.0	161.1	34.76	6.2	152.5	31.99	6.4	145.5	29.10	6.5
		714	183.7	36.27	7.0	177.6	35.33	7.1	172.1	34.39	7.2	162.4	31.77	7.4	155.3	29.02	7.5
	15	238	188.7	32.74	5.6	183.1	31.53	5.9	176.0	30.41	6.2	165.5	28.25	6.7	157.5	25.92	7.1
		476	191.6	32.14	10.2	187.8	31.48	10.3	180.1	30.34	10.5	169.2	27.95	10.7	160.8	25.28	10.9
		714	190.9	31.63	11.8	185.9	30.86	11.9	181.8	30.46	12.0	171.2	28.10	12.1	162.7	25.47	12.2
	20	238	192.0	30.36	10.3	187.8	29.12	10.4	180.3	27.79	10.8	169.9	25.72	11.3	161.1	24.49	11.8
		476	194.5	29.47	15.0	191.9	29.21	15.1	184.5	28.13	15.3	173.5	26.24	15.6	165.7	24.62	15.8
		714	193.6	29.42	16.7	188.6	28.73	16.8	187.0	28.31	16.8	175.5	26.49	17.0	166.9	25.05	17.2
	25	238	197.7	27.82	14.8	190.6	26.83	15.1	186.0	26.20	15.4	175.5	24.53	15.9	168.2	23.15	16.3
		476	195.4	27.01	19.9	190.7	26.90	20.1	185.6	26.34	20.2	175.4	24.38	20.5	168.4	23.08	20.6
		714	194.9	25.90	21.6	190.8	25.68	21.7	185.6	25.89	21.8	175.7	24.78	22.0	168.6	22.01	22.1
	30	238	194.9	24.45	19.7	190.6	24.58	20.0	185.7	24.49	20.3	175.3	22.25	20.8	168.3	21.32	21.1
		476	195.0	23.90	24.8	190.8	24.33	25.0	185.9	24.10	25.1	175.4	22.17	25.4	168.6	20.25	25.5
		714	194.8	23.06	26.6	190.8	23.06	26.6	185.9	23.47	26.7	175.5	21.85	26.9	168.5	20.76	27.0
	35	238	195.1	22.92	24.6	190.7	23.24	24.9	185.8	23.83	25.2	175.3	21.66	25.7	168.4	19.91	26.1
		476	194.9	22.44	29.8	190.5	23.18	30.0	186.0	22.97	30.1	175.7	21.24	30.3	168.3	19.43	30.5
		714	194.7	21.67	31.5	190.6	22.59	31.6	185.7	23.07	31.7	175.5	20.88	31.9	168.4	19.11	32.0
	40	238	195.0	21.27	29.5	190.6	21.42	29.8	185.7	22.51	30.2	175.6	20.53	30.7	168.3	18.98	31.0
		476	194.8	20.44	34.7	190.6	21.30	34.9	185.8	21.68	35.1	175.3	20.19	35.3	168.3	18.50	35.5
		714	195.1	20.40	36.5	190.7	20.47	36.6	185.9	21.89	36.7	175.7	19.82	36.9	168.5	18.20	37.0
	45	238	194.6	18.81	34.4	190.8	18.69	34.6	185.7	20.36	35.0	175.6	18.63	35.5	168.3	17.26	35.9
		476	195.0	17.62	39.7	190.8	18.42	39.8	186.0	19.57	40.0	175.3	18.20	40.3	168.4	16.89	40.4
		714	195.2	18.38	41.5	190.5	17.63	41.5	185.9	19.89	41.7	175.7	17.84	41.8	168.6	16.62	41.9
110	10	238	163.5	37.71	2.4	158.7	36.32	2.6	150.8	35.14	3.0	142.6	32.36	3.4	135.0	29.70	3.7
		476	165.5	37.06	6.1	160.0	35.90	6.3	152.2	34.70	6.5	144.4	32.02	6.6	136.6	29.11	6.8
		714	174.5	36.57	7.2	169.8	35.29	7.3	162.3	34.13	7.4	153.0	31.50	7.6	145.0	29.05	7.7
	15	238	180.2	32.95	6.1	174.0	31.84	6.4	166.3	30.61	6.8	157.1	28.24	7.2	148.5	25.92	7.6
		476	181.8	31.86	10.5	176.9	31.42	10.6	168.6	30.34	10.8	158.6	27.95	11.1	150.3	25.24	11.2
		714	181.4	31.74	12.0	176.3	30.89	12.1	169.9	29.88	12.2	159.5	27.50	12.4	150.9	25.51	12.5
	20	238	182.1	29.42	10.8	176.5	28.67	11.1	169.0	27.38	11.5	158.5	25.30	12.0	150.5	23.72	12.4
		476	183.4	28.80	15.3	178.3	28.26	15.5	170.9	27.23	15.7	161.0	25.42	15.9	152.0	23.45	16.1
		714	183.5	29.13	16.9	178.1	28.11	17.0	172.6	27.42	17.1	162.1	25.01	17.2	153.6	23.76	17.4
	25	238	185.1	25.93	15.4	177.9	25.18	15.8	172.0	24.68	16.1	162.0	22.80	16.6	154.0	21.09	17.0
		476	183.7	25.46	20.2	178.1	25.03	20.4	172.0	24.50	20.6	162.1	22.66	20.8	154.1	20.93	21.0
		714	183.6	25.82	21.8	178.2	25.05	21.9	172.0	24.09	22.0	162.0	23.04	22.2	154.2	19.96	22.3
	30	238	183.6	21.81	20.3	177.9	22.18	20.6	171.9	21.77	21.0	162.1	20.17	21.4	154.1	18.47	21.8
		476	183.5	21.66	25.1	178.0	22.00	25.3	172.2	21.35	25.5	162.0	19.99	25.7	154.0	17.79	25.9
		714	183.4	21.68	26.8	177.9	20.98	26.9	172.2	20.77	27.0	162.1	19.14	27.1	153.9	18.22	27.3
	35	238	183.8	20.31	25.2	178.0	20.33	25.5	172.0	20.64	25.9	162.2	18.62	26.4	154.1	16.99	26.7
		476	183.9	20.26	30.1	177.9	20.72	30.3	171.8	20.16	30.4	162.1	18.59	30.7	154.2	16.86	30.9
		714	183.7	19.15	31.7	177.7	19.72	31.8	172.0	19.62	31.9	162.1	18.27	32.1	154.0	16.57	32.2
	40	238	183.9	18.37	30.0	177.8	18.94	30.4	172.0	19.32	30.8	161.9	17.47	31.3	154.1	15.99	31.7
		476	183.5	18.34	35.0	178.0	18.82	35.2	171.9	18.45	35.4	161.9	17.49	35.7	154.2	15.95	35.8
		714	183.5	18.24	36.7	178.0	17.84	36.8	172.0	18.62	36.9	161.9	16.49	37.1	154.0	15.01	37.2
	45	238	183.8	15.74	34.9	177.9	16.60	35.3	172.1	17.27	35.7	161.9	15.69	36.2	154.1	14.35	36.6
		476	183.6	15.68	39.9	178.2	16.17	40.1	171.9	15.98	40.3	162.2	15.56	40.6	154.1	14.37	40.8
		714	183.5	16.71	41.7	178.1	15.26	41.7	171.9	16.96	41.9	162.0	14.02	42.0	154.2	12.85	42.2

1-20. AM500FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	238	156.5	37.95	2.9	150.0	36.86	3.2	142.7	35.32	3.5	134.8	32.58	3.8	126.9	29.41	4.1
		476	157.6	37.66	6.4	150.6	36.53	6.6	143.2	34.96	6.7	135.5	32.20	6.9	127.5	29.08	7.0
		714	166.6	37.00	7.4	159.6	35.91	7.5	151.8	34.36	7.6	143.5	31.68	7.8	134.9	28.63	7.9
	15	238	172.5	33.18	6.6	165.0	32.20	7.0	157.5	30.82	7.4	148.5	28.43	7.8	139.5	25.69	8.1
		476	172.5	32.90	10.8	165.0	31.92	11.0	157.5	30.57	11.2	148.5	28.13	11.4	139.5	25.43	11.6
		714	172.5	32.27	12.2	165.0	31.39	12.3	157.5	30.04	12.4	148.5	27.67	12.6	139.5	25.02	12.7
	20	238	172.5	29.24	11.4	165.0	28.38	11.8	157.5	27.13	12.1	148.5	25.02	12.6	139.5	22.63	13.0
		476	172.5	28.96	15.7	165.0	28.10	15.9	157.5	26.97	16.1	148.5	24.79	16.3	139.5	22.38	16.5
		714	172.5	28.46	17.1	165.0	27.62	17.2	157.5	26.44	17.4	148.5	24.34	17.5	139.5	22.00	17.6
	25	238	172.5	24.81	16.1	165.0	24.09	16.5	157.5	23.00	16.9	148.5	21.23	17.3	139.5	19.17	17.8
		476	172.5	24.52	20.5	165.0	23.81	20.7	157.5	22.79	20.9	148.5	21.01	21.2	139.5	18.98	21.4
		714	172.5	24.10	22.0	165.0	23.41	22.2	157.5	22.40	22.3	148.5	20.69	22.4	139.5	18.66	22.6
	30	238	172.5	20.73	20.9	165.0	20.14	21.3	157.5	19.25	21.7	148.5	17.75	22.1	139.5	16.06	22.6
		476	172.5	20.54	25.4	165.0	19.95	25.6	157.5	19.08	25.8	148.5	17.58	26.1	139.5	15.88	26.3
		714	172.5	20.17	26.9	165.0	19.61	27.1	157.5	18.77	27.2	148.5	17.32	27.4	139.5	15.61	27.5
	35	238	172.5	18.85	25.7	165.0	18.31	26.2	157.5	17.50	26.6	148.5	16.15	27.0	139.5	14.57	27.5
		476	172.5	18.67	30.4	165.0	18.11	30.6	157.5	17.34	30.8	148.5	16.00	31.0	139.5	14.45	31.2
		714	172.5	18.35	31.9	165.0	17.82	32.0	157.5	17.04	32.2	148.5	15.73	32.3	139.5	14.20	32.5
	40	238	172.5	16.95	30.6	165.0	16.48	31.1	157.5	15.74	31.5	148.5	14.51	31.9	139.5	13.13	32.4
		476	172.5	16.78	35.3	165.0	16.31	35.5	157.5	15.60	35.7	148.5	14.39	36.0	139.5	12.99	36.2
		714	172.5	16.50	36.9	165.0	16.04	37.0	157.5	15.31	37.1	148.5	14.13	37.3	139.5	12.76	37.5
	45	238	172.5	14.41	35.5	165.0	13.96	35.9	157.5	13.35	36.3	148.5	12.35	36.8	139.5	11.14	37.3
		476	172.5	14.25	40.2	165.0	13.83	40.4	157.5	13.22	40.7	148.5	12.22	40.9	139.5	11.03	41.1
		714	172.5	14.01	41.8	165.0	13.59	42.0	157.5	13.02	42.1	148.5	12.00	42.3	139.5	10.85	42.4
90	10	238	141.2	35.94	3.7	134.8	34.90	4.0	128.3	33.37	4.3	121.6	30.84	4.5	114.1	27.81	4.8
		476	141.8	35.49	6.8	135.3	34.45	7.0	129.0	32.96	7.1	122.1	30.46	7.2	114.7	27.48	7.4
		714	149.9	35.11	7.7	143.6	34.10	7.8	136.5	32.60	7.9	129.2	30.09	8.0	121.4	27.17	8.1
	15	238	155.3	31.43	7.5	148.5	30.55	7.9	141.5	29.17	8.2	133.7	26.93	8.6	125.7	24.35	8.9
		476	155.3	31.03	11.3	148.5	30.09	11.4	141.5	28.80	11.6	133.7	26.59	11.8	125.7	24.00	11.9
		714	155.3	30.66	12.5	148.5	29.75	12.6	141.5	28.49	12.7	133.7	26.28	12.8	125.7	23.73	13.0
	20	238	155.3	27.63	12.3	148.5	26.87	12.7	141.5	25.71	13.0	133.7	23.72	13.4	125.7	21.40	13.7
		476	155.3	27.32	16.1	148.5	26.50	16.3	141.5	25.35	16.5	133.7	23.39	16.7	125.7	21.15	16.9
		714	155.3	26.98	17.4	148.5	26.20	17.5	141.5	25.08	17.7	133.7	23.12	17.8	125.7	20.90	17.9
	25	238	155.3	23.57	17.1	148.5	22.88	17.4	141.5	21.88	17.8	133.7	20.18	18.2	125.7	18.21	18.5
		476	155.3	23.30	21.0	148.5	22.59	21.2	141.5	21.61	21.4	133.7	19.94	21.6	125.7	18.00	21.8
		714	155.3	22.80	22.3	148.5	22.12	22.5	141.5	21.19	22.6	133.7	19.56	22.7	125.7	17.67	22.8
	30	238	155.3	19.66	21.8	148.5	19.09	22.2	141.5	18.27	22.6	133.7	16.85	23.0	125.7	15.23	23.3
		476	155.3	19.43	25.9	148.5	18.86	26.1	141.5	18.03	26.3	133.7	16.64	26.5	125.7	15.03	26.7
		714	155.3	19.22	27.3	148.5	18.64	27.4	141.5	17.86	27.5	133.7	16.47	27.6	125.7	14.87	27.8
	35	238	155.3	17.82	26.7	148.5	17.30	27.1	141.5	16.54	27.5	133.7	15.29	27.9	125.7	13.80	28.3
		476	155.3	17.62	30.9	148.5	17.10	31.0	141.5	16.37	31.2	133.7	15.13	31.4	125.7	13.65	31.6
		714	155.3	17.41	32.2	148.5	16.91	32.4	141.5	16.18	32.5	133.7	14.95	32.6	125.7	13.48	32.7
	40	238	155.3	16.06	31.6	148.5	15.58	32.0	141.5	14.89	32.4	133.7	13.73	32.8	125.7	12.41	33.2
		476	155.3	15.88	35.8	148.5	15.41	36.0	141.5	14.74	36.2	133.7	13.60	36.4	125.7	12.28	36.6
		714	155.3	15.67	37.2	148.5	15.22	37.3	141.5	14.56	37.5	133.7	13.43	37.6	125.7	12.15	37.7
	45	238	155.3	13.62	36.5	148.5	13.21	36.9	141.5	12.65	37.2	133.7	11.67	37.7	125.7	10.53	38.1
		476	155.3	13.48	40.7	148.5	13.07	40.9	141.5	12.52	41.1	133.7	11.55	41.3	125.7	10.44	41.5
		714	155.3	13.33	42.1	148.5	12.92	42.3	141.5	12.36	42.4	133.7	11.40	42.5	125.7	10.31	42.7
80	10	238	125.5	31.98	4.4	119.7	31.02	4.7	114.0	29.68	4.9	107.9	27.42	5.2	101.3	24.75	5.4
		476	125.8	31.61	7.2	120.5	30.74	7.3	114.5	29.35	7.4	108.5	27.13	7.6	101.9	24.49	7.7
		714	133.5	31.36	8.0	127.6	30.44	8.0	121.5	29.16	8.1	114.8	26.88	8.2	107.9	24.31	8.3
	15	238	137.8	27.91	8.4	132.0	27.11	8.7	125.7	25.94	9.0	118.5	23.92	9.3	111.7	21.59	9.6
		476	137.8	27.64	11.7	132.0	26.85	11.8	125.7	25.70	12.0	118.5	23.69	12.1	111.7	21.42	12.3
		714	137.8	27.42	12.8	132.0	26.61	12.9	125.7	25.46	13.0	118.5	23.52	13.1	111.7	21.20	13.2
	20	238	137.8	24.56	13.2	132.0	23.86	13.5	125.7	22.81	13.8	118.5	21.06	14.1	111.7	19.00	14.4
		476	137.7	24.36	16.6	132.0	23.63	16.7	125.7	22.62	16.9	118.5	20.82	17.1	111.7	18.84	17.2
		714	137.8	24.12	17.7	132.0	23.42	17.8	125.7	22.44	17.9	118.5	20.68	18.0	111.7	18.68	18.1
	25	238	137.8	21.08	18.0	132.0	20.45	18.3	125.7	19.58	18.6	118.5	18.06	19.0	111.7	16.32	19.3
		476	137.8	20.76	21.5	132.0	20.16	21.6	125.7	19.27	21.8	118.5	17.81	22.0	111.7	16.07	22.1
		714	137.8	20.37	22.6	132.0	19.81	22.7	125.7	18.96	22.9	118.5	17.50	23.0	111.7	15.77	23.1
	30	238	137.7	17.46	22.8	132.0	16.95	23.1	125.7	16.22	23.4	118.5	14.97	23.8	111.7	13.53	24.1
		476	137.8	17.39	26.4	132.0	16.87	26.5	125.7	16.14	26.7	118.5	14.89	26.9	111.7	13.45	27.0
		714	137.8	17.10	27.6	132.0	16.59	27.7	125.7	15.87	27.8	118.5	14.63	27.9	111.7	13.22	28.0
	35	238	137.8	15.92	27.7	132.0	15.48	28.0	125.7	14.81	28.3	118.5	13.64	28.7	111.7	12.33	29.0
		476	137.8	15.86	31.3	132.0	15.37	31.5	125.7	14.71	31.7	118.5	13.59	31.8	111.7	12.26	32.0
		714	137.8	15.47	32.5	132.0	15.03	32.7	125.7	14.38	32.8	118.5	13.27	32.9	111.7	11.99	33.0
	40	238	137.8	14.34	32.6	132.0	13.92	32.9	125.7	13.32	33.2	118.5	12.28	33.6	111.7	11.10	33.9
		476	137.8	14.25	36.3	132.0	13.85	36.4	125.7	13.24	36.6	118.5	12.20	36.8	111.7	11.04	37.0
		714	137.8	13.94	37.5	132.0	13.53	37.6	125.7	12.93	37.7	118.5	11.92	37.9	111.7	10.77	38.0
	45	238	137.8	12.16	37.4	132.0	11.82	37.8	125.7	11.31	38.1	118.5	10.44	38.5	111.7	9.43	38.8
		476	137.8	12.11	41.2	132.0	11.76	41.4	125.7	11.23	41.6	118.5	10.36	41.7	111.7	9.36	41.9
		714	137.8	11.83	42.5	132.0	11.47	42.6	125.7	10.98	42.7	118.5	10.14	42.8	111.7	9.15	42.9

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	238	109.6	26.47	5.0	105.0	25.69	5.2	99.9	24.61	5.5	94.5	22.71	5.7	88.7	20.47	5.9
		476	110.1	26.34	7.5	105.5	25.61	7.6	100.3	24.49	7.7	94.9	22.58	7.8	89.2	20.40	7.9
		714	116.8	25.76	8.2	111.6	25.02	8.3	106.4	23.96	8.3	100.6	22.06	8.4	94.4	19.96	8.5
	15	238	120.7	23.16	9.1	115.5	22.49	9.4	110.0	21.52	9.7	104.0	19.83	9.9	97.8	17.91	10.2
		476	120.7	23.05	12.1	115.5	22.37	12.2	110.0	21.41	12.3	104.0	19.72	12.5	97.8	17.84	12.6
		714	120.7	22.53	13.0	115.5	21.88	13.1	110.0	20.91	13.2	104.0	19.27	13.3	97.8	17.42	13.4
	20	238	120.7	20.35	14.0	115.5	19.77	14.2	110.0	18.94	14.5	104.0	17.48	14.8	97.8	15.77	15.1
		476	120.7	20.28	17.0	115.5	19.68	17.1	110.0	18.82	17.3	104.0	17.38	17.4	97.8	15.69	17.5
		714	120.7	19.83	18.0	115.5	19.27	18.1	110.0	18.41	18.2	104.0	16.97	18.3	97.8	15.35	18.3
	25	238	120.7	17.37	18.8	115.5	16.84	19.1	110.0	16.13	19.3	104.0	14.87	19.6	97.8	13.44	19.9
		476	120.7	17.19	21.9	115.5	16.71	22.0	109.9	15.97	22.2	104.0	14.73	22.3	97.8	13.30	22.5
		714	120.7	16.88	22.9	115.5	16.38	23.0	110.0	15.69	23.1	104.0	14.47	23.2	97.8	13.07	23.3
	30	238	120.7	14.52	23.6	115.5	14.10	23.9	110.0	13.47	24.2	104.0	12.41	24.5	97.8	11.22	24.8
		476	120.7	14.38	26.8	115.5	13.97	26.9	110.0	13.35	27.1	104.0	12.33	27.2	97.8	11.12	27.4
		714	120.7	14.17	27.9	115.5	13.75	28.0	110.0	13.15	28.1	104.0	12.14	28.2	97.8	10.97	28.3
	35	238	120.7	13.27	28.5	115.5	12.90	28.8	110.0	12.32	29.1	104.0	11.37	29.4	97.8	10.27	29.7
		476	120.7	13.03	31.8	115.5	12.66	31.9	109.9	12.09	32.1	104.0	11.17	32.2	97.8	10.08	32.4
		714	120.7	12.89	32.8	115.5	12.51	32.9	110.0	11.96	33.0	104.0	11.03	33.1	97.8	9.96	33.2
	40	238	120.7	11.95	33.5	115.5	11.60	33.7	110.0	11.10	34.0	104.0	10.24	34.4	97.8	9.25	34.7
		476	120.7	11.73	36.7	115.5	11.37	36.9	110.0	10.90	37.0	104.0	10.03	37.2	97.8	9.08	37.3
		714	120.7	11.59	37.8	115.5	11.25	37.9	110.0	10.77	38.0	104.0	9.92	38.1	97.8	8.96	38.2
	45	238	120.7	10.14	38.3	115.5	9.85	38.6	110.0	9.43	38.9	104.0	8.68	39.3	97.8	7.86	39.6
		476	120.7	9.97	41.7	115.5	9.67	41.8	110.0	9.24	42.0	104.0	8.53	42.1	97.8	7.71	42.3
		714	120.7	9.84	42.8	115.5	9.54	42.9	110.0	9.14	43.0	104.0	8.43	43.1	97.8	7.61	43.2
60	10	238	94.0	21.88	5.7	89.9	21.25	5.9	85.6	20.33	6.1	81.0	18.73	6.2	76.2	16.93	6.4
		476	94.4	21.44	7.8	90.3	20.82	7.9	86.0	19.94	8.0	81.3	18.39	8.1	76.3	16.61	8.2
		714	100.0	21.29	8.4	95.7	20.68	8.5	91.0	19.79	8.6	86.2	18.24	8.6	81.0	16.46	8.7
	15	238	103.5	19.10	9.9	99.0	18.55	10.2	94.3	17.76	10.4	89.2	16.36	10.6	83.7	14.81	10.9
		476	103.5	18.74	12.4	99.0	18.19	12.6	94.3	17.42	12.7	89.2	16.07	12.8	83.7	14.51	12.9
		714	103.5	18.62	13.3	99.0	18.07	13.4	94.3	17.28	13.5	89.2	15.93	13.5	83.7	14.39	13.6
	20	238	103.5	16.82	14.8	99.0	16.34	15.0	94.3	15.65	15.3	89.2	14.40	15.5	83.7	13.03	15.7
		476	103.5	16.49	17.4	99.0	16.03	17.5	94.3	15.31	17.6	89.2	14.13	17.7	83.7	12.76	17.9
		714	103.5	16.38	18.3	99.0	15.89	18.3	94.3	15.20	18.4	89.2	14.02	18.5	83.7	12.67	18.6
	25	238	103.5	14.23	19.6	99.0	13.84	19.9	94.3	13.24	20.1	89.2	12.20	20.4	83.7	11.03	20.6
		476	103.5	14.06	22.3	99.0	13.65	22.4	94.3	13.05	22.6	89.2	12.04	22.7	83.7	10.88	22.8
		714	103.5	13.82	23.2	99.0	13.40	23.3	94.3	12.82	23.4	89.2	11.82	23.4	83.7	10.70	23.5
	30	238	103.5	11.85	24.5	99.0	11.52	24.7	94.3	11.01	25.0	89.2	10.16	25.2	83.7	9.17	25.5
		476	103.5	11.68	27.2	99.0	11.35	27.4	94.3	10.87	27.5	89.2	10.02	27.6	83.7	9.04	27.8
		714	103.5	11.57	28.2	99.0	11.23	28.2	94.3	10.74	28.3	89.2	9.89	28.4	83.7	8.94	28.5
	35	238	103.5	10.75	29.4	99.0	10.44	29.7	94.3	9.97	29.9	89.2	9.22	30.2	83.7	8.31	30.5
		476	103.5	10.75	32.2	99.0	10.41	32.3	94.3	9.97	32.5	89.2	9.19	32.6	83.7	8.31	32.7
		714	103.5	10.54	33.1	99.0	10.23	33.2	94.3	9.79	33.3	89.2	9.04	33.4	83.7	8.15	33.5
	40	238	103.5	9.67	34.3	99.0	9.38	34.6	94.3	8.98	34.9	89.2	8.29	35.1	83.7	7.49	35.4
		476	103.5	9.65	37.2	99.0	9.38	37.3	94.3	8.98	37.4	89.2	8.27	37.6	83.7	7.48	37.7
		714	103.5	9.47	38.1	99.0	9.21	38.2	94.3	8.79	38.3	89.2	8.13	38.4	83.7	7.34	38.5
	45	238	103.5	8.20	39.3	99.0	7.96	39.5	94.3	7.62	39.8	89.2	7.04	40.1	83.7	6.35	40.3
		476	103.5	8.19	42.1	99.0	7.97	42.3	94.3	7.62	42.4	89.2	7.02	42.5	83.7	6.34	42.7
		714	103.5	8.05	43.1	99.0	7.81	43.2	94.3	7.47	43.3	89.2	6.90	43.3	83.7	6.23	43.4
50	10	238	78.3	16.70	6.3	74.9	16.21	6.5	71.3	15.51	6.6	67.5	14.30	6.8	63.4	12.93	7.0
		476	78.7	16.53	8.1	75.3	16.06	8.2	71.7	15.36	8.3	67.7	14.14	8.4	63.6	12.80	8.5
		714	83.4	16.43	8.7	79.6	15.96	8.7	75.8	15.25	8.8	71.8	14.08	8.8	67.5	12.71	8.9
	15	238	86.3	14.60	10.7	82.5	14.14	10.9	78.5	13.55	11.1	74.3	12.49	11.3	69.8	11.30	11.5
		476	86.3	14.45	12.8	82.5	14.00	12.9	78.5	13.41	13.0	74.3	12.36	13.1	69.8	11.16	13.2
		714	86.3	14.36	13.6	82.5	13.95	13.6	78.5	13.32	13.7	74.3	12.30	13.8	69.8	11.11	13.8
	20	238	86.3	12.83	15.6	82.5	12.46	15.8	78.5	11.93	16.0	74.3	11.00	16.2	69.8	9.93	16.4
		476	86.3	12.71	17.8	82.5	12.35	17.9	78.5	11.81	18.0	74.3	10.88	18.1	69.8	9.84	18.2
		714	86.3	12.65	18.5	82.5	12.29	18.6	78.5	11.75	18.7	74.3	10.84	18.7	69.8	9.78	18.8
	25	238	86.3	10.94	20.5	82.5	10.62	20.7	78.5	10.16	20.9	74.3	9.37	21.1	69.8	8.47	21.3
		476	86.3	10.70	22.7	82.5	10.38	22.8	78.5	9.93	22.9	74.3	9.18	23.0	69.8	8.28	23.1
		714	86.3	10.76	23.5	82.5	10.44	23.6	78.5	9.99	23.6	74.3	9.21	23.7	69.8	8.31	23.8
	30	238	86.3	9.21	25.4	82.5	8.93	25.6	78.5	8.55	25.8	74.3	7.88	26.0	69.8	7.13	26.2
		476	86.3	9.01	27.7	82.5	8.74	27.8	78.5	8.36	27.9	74.3	7.71	28.0	69.8	6.98	28.1
		714	86.3	8.96	28.4	82.5	8.69	28.5	78.5	8.31	28.6	74.3	7.67	28.7	69.8	6.93	28.7
	35	238	86.3	8.36	30.3	82.5	8.11	30.5	78.5	7.74	30.7	74.3	7.16	31.0	69.8	6.46	31.2
		476	86.3	8.18	32.6	82.5	7.94	32.8	78.5	7.59	32.9	74.3	7.01	33.0	69.8	6.33	33.1
		714	86.3	8.06	33.4	82.5	7.82	33.5	78.5	7.48	33.6	74.3	6.91	33.6	69.8	6.24	33.7
	40	238	86.3	7.50	35.3	82.5	7.30	35.5	78.5	6.97	35.7	74.3	6.44	35.9	69.8	5.81	36.1
		476	86.3	7.35	37.6	82.5	7.14	37.7	78.5	6.83	37.8	74.3	6.30	38.0	69.8	5.70	38.1
		714	86.3	7.26	38.4	82.5	7.04	38.5	78.5	6.73	38.6	74.3	6.22	38.6	69.8	5.61	38.7
	45	238	86.3	6.38	40.2	82.5	6.18	40.4	78.5	5.92	40.6	74.3	5.47	40.9	69.8	4.94	41.1
		476	86.3	6.24	42.6	82.5	6.06	42.7	78.5	5.80	42.8	74.3	5.35	42.9	69.8	4.84	43.0
		714	86.3	6.16	43.4	82.5	5.98	43.5	78.5	5.72	43.5	74.3	5.28	43.6	69.8	4.76	43.7

1-21. AM520FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	247	145.8	10.63	19.1	160.4	12.63	20.0	172.3	13.86	20.8	184.8	14.73	21.6	189.4	14.87	21.9
		494	145.7	10.38	14.5	160.4	12.25	15.0	172.5	13.66	15.4	184.8	14.36	15.8	189.7	14.65	15.9
		741	145.8	10.25	13.0	160.1	12.06	13.3	172.6	13.26	13.6	184.6	13.93	13.8	189.7	14.30	13.9
	15	247	143.1	13.67	24.1	157.5	16.24	25.1	170.2	18.05	25.9	181.5	18.91	26.6	186.3	19.30	26.9
		494	143.3	13.47	19.5	157.6	15.90	20.0	169.9	17.73	20.4	181.7	18.62	20.8	186.4	19.01	21.0
		741	143.1	13.14	18.0	157.6	15.51	18.3	170.1	17.17	18.6	181.7	18.01	18.9	186.5	18.56	19.0
	20	247	141.2	16.32	29.1	155.7	19.15	30.1	167.9	21.33	31.0	178.9	22.41	31.7	183.9	22.83	32.0
		494	141.3	16.00	24.6	155.7	18.80	25.1	167.9	20.99	25.5	179.2	22.11	25.8	184.1	22.56	26.0
		741	141.2	15.46	23.0	155.5	18.25	23.4	167.7	20.44	23.6	178.9	21.27	23.9	183.9	21.92	24.0
	25	247	141.1	20.50	34.4	155.6	24.15	35.4	167.8	26.88	36.3	178.9	28.22	37.0	184.0	28.76	37.3
		494	141.2	20.19	29.7	155.7	23.78	30.2	168.0	26.39	30.6	178.8	27.86	31.0	184.0	28.32	31.2
		741	141.1	19.51	28.1	155.7	23.04	28.5	167.9	25.69	28.7	179.1	26.97	29.0	184.1	27.70	29.1
	30	247	141.3	24.04	39.6	155.5	28.29	40.7	167.8	31.52	41.6	179.1	33.04	42.3	184.0	33.74	42.6
		494	141.4	23.64	34.8	155.6	27.86	35.3	167.8	31.05	35.8	179.1	32.62	36.1	184.2	33.23	36.3
		741	141.2	22.89	33.2	155.7	26.93	33.5	167.9	30.05	33.8	179.2	31.52	34.1	184.1	32.37	34.2
	35	247	133.6	25.01	44.2	147.5	29.47	45.3	158.8	32.92	46.1	170.0	34.47	46.9	173.8	35.06	47.1
		494	133.6	24.52	39.6	147.3	28.92	40.1	158.6	32.23	40.5	170.2	34.00	40.9	173.6	34.70	41.0
		741	133.5	23.92	38.0	147.4	28.06	38.4	158.9	31.22	38.7	169.9	32.84	38.9	173.9	33.68	39.0
	40	247	111.5	26.08	48.0	122.8	30.72	48.9	132.4	34.19	49.7	141.6	35.88	50.3	145.6	36.62	50.6
		494	112.4	25.65	44.0	123.8	30.19	44.5	133.6	33.59	44.9	142.6	35.28	45.2	146.7	36.15	45.3
		741	114.1	24.85	42.7	125.4	29.15	43.0	135.2	32.63	43.2	145.1	34.24	43.5	149.0	35.21	43.6
	45	247	93.0	26.95	52.0	102.1	31.70	52.8	109.6	35.37	53.4	117.6	37.01	54.0	121.0	37.77	54.2
		494	93.9	26.50	48.5	102.8	31.22	48.9	110.8	34.73	49.2	118.4	36.59	49.5	121.6	37.35	49.6
		741	95.1	25.62	47.3	104.5	30.13	47.6	112.3	33.72	47.8	120.3	35.37	48.0	123.5	36.40	48.1
120	10	247	138.0	10.10	18.6	151.9	11.95	19.5	163.8	13.15	20.3	174.9	13.90	21.0	179.3	14.06	21.2
		494	138.1	9.94	14.3	151.9	11.72	14.7	163.8	12.93	15.1	175.0	13.59	15.5	179.3	13.87	15.6
		741	138.2	9.50	12.9	152.0	11.45	13.2	163.9	12.52	13.4	174.8	13.21	13.6	179.5	13.68	13.7
	15	247	136.6	13.12	23.7	149.8	15.48	24.6	161.8	17.29	25.4	173.0	18.09	26.1	177.4	18.40	26.4
		494	136.6	12.91	19.3	149.9	15.19	19.8	161.6	16.97	20.2	172.6	17.78	20.5	177.1	18.12	20.7
		741	136.4	12.50	17.9	150.0	14.83	18.2	161.8	16.41	18.4	173.0	17.23	18.7	177.4	17.78	18.8
	20	247	135.0	15.70	28.7	148.3	18.42	29.7	160.1	20.46	30.5	171.5	21.58	31.2	175.8	21.94	31.5
		494	135.1	15.34	24.4	148.2	18.05	24.8	160.0	20.21	25.2	171.4	21.23	25.6	175.6	21.58	25.7
		741	135.1	14.90	22.9	148.4	17.59	23.2	160.1	19.63	23.5	171.4	20.48	23.7	175.6	21.05	23.8
	25	247	135.2	19.68	34.0	148.2	23.13	34.9	160.2	25.73	35.8	171.3	27.05	36.5	175.7	27.57	36.8
		494	135.2	19.31	29.5	148.3	22.81	30.0	160.1	25.33	30.4	171.1	26.62	30.7	175.6	27.14	30.9
		741	134.9	18.66	28.0	148.5	22.05	28.3	160.3	24.66	28.6	171.3	25.81	28.8	175.6	26.42	28.9
	30	247	135.1	23.23	39.2	148.3	27.32	40.2	160.2	30.43	41.1	171.3	31.98	41.8	175.7	32.58	42.1
		494	135.0	22.83	34.6	148.4	26.82	35.1	160.3	30.05	35.5	171.3	31.44	35.9	175.5	32.05	36.0
		741	134.9	22.05	33.0	148.4	25.99	33.4	160.3	29.02	33.7	171.1	30.51	33.9	175.7	31.22	34.0
	35	247	129.8	24.45	44.0	142.8	28.88	45.0	154.5	32.26	45.8	164.5	33.71	46.5	168.9	34.37	46.8
		494	129.5	24.04	39.5	143.1	28.35	40.0	154.3	31.56	40.4	164.6	33.25	40.7	169.0	33.91	40.9
		741	129.6	23.37	38.0	142.9	27.51	38.3	154.3	30.57	38.6	164.4	32.10	38.8	168.8	32.95	38.9
	40	247	110.4	25.99	47.9	121.8	30.68	48.8	131.4	34.12	49.6	140.0	35.83	50.2	144.1	36.60	50.5
		494	111.5	25.60	44.0	122.7	30.14	44.4	132.3	33.52	44.8	141.1	35.24	45.1	145.3	36.00	45.3
		741	113.0	24.77	42.7	124.3	29.22	43.0	134.3	32.58	43.2	143.3	34.24	43.4	147.4	35.10	43.5
	45	247	93.9	27.34	52.0	104.1	32.17	52.9	112.0	35.98	53.6	119.6	37.60	54.1	122.7	38.45	54.4
		494	94.7	26.95	48.5	104.6	31.65	49.0	113.1	35.27	49.3	120.4	37.12	49.6	123.8	37.90	49.7
		741	96.1	25.97	47.4	106.3	30.76	47.7	114.8	34.25	47.9	122.2	36.03	48.1	125.2	36.75	48.1
110	10	247	130.2	9.45	18.1	143.0	11.31	19.0	154.4	12.38	19.7	165.0	13.16	20.3	168.8	13.27	20.6
		494	130.4	9.31	14.1	143.0	10.97	14.5	154.5	12.17	14.8	164.9	12.90	15.2	169.1	13.01	15.3
		741	130.5	9.04	12.7	143.0	10.69	13.0	154.6	11.94	13.2	164.9	12.46	13.4	168.9	12.81	13.5
	15	247	129.4	12.49	23.2	142.1	14.78	24.1	153.5	16.49	24.9	164.2	17.25	25.5	168.3	17.62	25.8
		494	129.2	12.30	19.1	141.9	14.48	19.5	153.6	16.19	19.9	164.2	17.02	20.3	168.3	17.29	20.4
		741	129.3	11.95	17.7	142.0	14.09	18.0	153.3	15.73	18.3	164.0	16.45	18.5	168.6	16.88	18.6
	20	247	128.7	15.09	28.3	141.6	17.67	29.2	152.9	19.70	30.0	163.0	20.66	30.7	167.3	21.04	30.9
		494	128.7	14.77	24.2	141.6	17.35	24.6	153.0	19.36	25.0	163.1	20.34	25.3	167.3	20.73	25.5
		741	128.7	14.33	22.8	141.4	16.85	23.1	152.7	18.85	23.3	163.2	19.71	23.5	167.5	20.12	23.6
	25	247	128.9	18.86	33.6	141.5	22.14	34.5	152.8	24.65	35.3	163.0	25.83	36.0	167.5	26.31	36.2
		494	128.7	18.54	29.3	141.4	21.81	29.7	152.8	24.23	30.1	162.9	25.46	30.5	167.4	25.89	30.6
		741	128.8	17.88	27.8	141.3	21.07	28.1	153.0	23.55	28.4	163.0	24.72	28.6	167.6	25.18	28.7
	30	247	128.9	22.39	38.8	141.5	26.33	39.7	153.0	29.34	40.6	163.0	30.82	41.2	167.5	31.38	41.5
		494	128.8	22.03	34.4	141.4	25.90	34.9	152.8	28.92	35.3	162.9	30.32	35.6	167.3	30.83	35.7
		741	128.7	21.29	32.9	141.4	25.09	33.2	152.8	28.01	33.5	163.1	29.33	33.7	167.4	30.03	33.8
	35	247	125.7	23.95	43.7	139.3	28.26	44.7	149.6	31.55	45.5	160.3	32.96	46.2	164.0	33.60	46.5
		494	125.8	23.50	39.3	139.0	27.71	39.8	149.4	30.89	40.2	159.9	32.48	40.6	164.1	33.12	40.7
		741	125.9	22.85	37.9	139.0	26.87	38.2	149.5	29.87	38.5	160.2	31.41	38.7	163.9	32.12	38.8
	40	247	109.6	26.00	47.9	120.7	30.66	48.8	129.9	34.07	49.5	139.0	35.76	50.1	143.3	36.52	50.4
		494	110.2	25.51	43.9	121.7	30.11	44.4	130.8	33.55	44.8	140.1	35.11	45.1	144.1	35.93	45.2
		741	112.1	24.76	42.6	123.2	29.14	42.9	132.6	32.52	43.2	142.3	34.19	43.4	146.2	34.87	43.5
	45	247	95.8	27.91	52.2	105.5	32.71	53.0	113.4	36.56	53.7	121.9	38.22	54.3	125.2	39.03	54.5
		494	96.6	27.31	48.6	106.3	32.20	49.0	114.5	35.88	49.4	122.8	37.77	49.7	126.0	38.44	49.8
		741	97.9	26.37	47.4	107.9	31.26	47.7	116.2	34.79	47.9	124.7	36.62	48.1	128.0	37.25	48.2

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	247	122.5	8.99	17.6	135.2	10.57	18.5	145.6	11.79	19.1	155.8	12.38	19.8	159.7	12.60	20.0
		494	122.5	8.83	13.8	135.2	10.39	14.2	145.6	11.60	14.6	155.8	12.14	14.9	159.7	12.37	15.0
		741	122.5	8.56	12.5	135.2	10.08	12.8	145.6	11.24	13.0	155.8	11.77	13.2	159.7	11.99	13.3
	15	247	122.5	11.98	22.8	135.2	14.13	23.7	145.6	15.74	24.4	155.8	16.51	25.0	159.7	16.80	25.2
		494	122.5	11.77	18.9	135.2	13.90	19.3	145.6	15.46	19.7	155.8	16.22	20.0	159.7	16.50	20.1
		741	122.5	11.43	17.6	135.2	13.46	17.9	145.6	15.00	18.1	155.8	15.71	18.3	159.7	16.03	18.4
	20	247	122.5	14.45	27.9	135.2	17.04	28.8	145.6	18.94	29.5	155.8	19.91	30.2	159.7	20.24	30.4
		494	122.5	14.20	24.0	135.2	16.72	24.4	145.6	18.61	24.8	155.8	19.54	25.1	159.7	19.92	25.2
		741	122.5	13.75	22.6	135.2	16.20	22.9	145.6	18.08	23.2	155.8	18.95	23.4	159.7	19.29	23.5
	25	247	122.5	18.00	33.2	135.2	21.18	34.1	145.6	23.62	34.8	155.8	24.77	35.5	159.7	25.26	35.7
		494	122.5	17.70	29.1	135.2	20.85	29.5	145.6	23.19	29.9	155.8	24.36	30.2	159.7	24.84	30.4
		741	122.5	17.16	27.7	135.2	20.19	28.0	145.6	22.53	28.3	155.8	23.63	28.5	159.7	24.04	28.6
	30	247	122.5	21.65	38.4	135.2	25.48	39.3	145.6	28.37	40.1	155.8	29.77	40.8	159.7	30.37	41.0
		494	122.5	21.25	34.2	135.2	25.05	34.6	145.6	28.00	35.0	155.8	29.26	35.4	159.7	29.80	35.5
		741	122.5	20.62	32.8	135.2	24.26	33.1	145.6	27.06	33.3	155.8	28.35	33.6	159.7	28.91	33.6
	35	247	122.5	23.48	43.5	135.2	27.69	44.5	145.6	30.89	45.2	155.8	32.37	45.9	159.7	32.99	46.2
		494	122.5	23.08	39.2	135.2	27.18	39.7	145.6	30.29	40.1	155.8	31.83	40.4	159.7	32.43	40.6
		741	122.5	22.41	37.8	135.2	26.36	38.1	145.6	29.37	38.4	155.8	30.81	38.6	159.7	31.39	38.7
	40	247	108.8	26.05	47.8	120.1	30.70	48.8	129.2	34.15	49.5	138.5	35.85	50.1	142.1	36.54	50.4
		494	109.7	25.63	43.9	121.1	30.15	44.4	130.2	33.59	44.8	139.5	35.22	45.1	143.2	35.92	45.2
		741	111.4	24.82	42.6	122.7	29.21	42.9	132.1	32.56	43.2	141.7	34.20	43.4	145.2	34.80	43.5
	45	247	97.7	28.39	52.3	107.8	33.35	53.2	115.8	37.24	53.9	124.3	39.00	54.5	127.6	39.74	54.7
		494	98.6	27.89	48.7	108.6	32.84	49.1	116.9	36.56	49.5	125.2	38.38	49.7	128.5	39.10	49.9
		741	99.9	27.01	47.5	110.3	31.85	47.7	118.6	35.47	48.0	127.2	37.21	48.2	130.3	37.84	48.3
90	10	247	110.2	8.49	16.9	121.5	10.02	17.6	130.8	11.15	18.2	140.1	11.69	18.8	143.8	11.92	19.0
		494	110.2	8.33	13.4	121.5	9.81	13.8	130.8	10.92	14.1	140.1	11.46	14.4	143.8	11.70	14.5
		741	110.2	8.12	12.3	121.5	9.58	12.5	130.8	10.65	12.7	140.1	11.18	12.9	143.8	11.39	13.0
	15	247	110.2	11.36	22.1	121.5	13.35	22.8	130.8	14.88	23.5	140.1	15.61	24.0	143.8	15.91	24.3
		494	110.2	11.14	18.5	121.5	13.10	18.9	130.8	14.60	19.2	140.1	15.30	19.5	143.8	15.60	19.6
		741	110.2	10.84	17.3	121.5	12.78	17.6	130.8	14.24	17.8	140.1	14.92	18.0	143.8	15.20	18.1
	20	247	110.2	13.68	27.2	121.5	16.13	28.0	130.8	17.94	28.6	140.1	18.84	29.2	143.8	19.16	29.5
		494	110.2	13.42	23.6	121.5	15.80	24.0	130.8	17.58	24.3	140.1	18.45	24.6	143.8	18.78	24.7
		741	110.2	13.06	22.4	121.5	15.39	22.6	130.8	17.15	22.9	140.1	17.99	23.1	143.8	18.34	23.1
	25	247	110.2	17.13	32.4	121.5	20.14	33.2	130.8	22.44	33.9	140.1	23.57	34.5	143.8	23.98	34.7
		494	110.2	16.81	28.7	121.5	19.77	29.1	130.8	22.03	29.4	140.1	23.13	29.7	143.8	23.56	29.9
		741	110.2	16.20	27.4	121.5	19.12	27.7	130.8	21.28	27.9	140.1	22.32	28.1	143.8	22.76	28.2
	30	247	110.2	20.50	37.6	121.5	24.16	38.5	130.8	26.89	39.2	140.1	28.23	39.8	143.8	28.77	40.0
		494	110.2	20.13	33.8	121.5	23.71	34.2	130.8	26.40	34.6	140.1	27.73	34.9	143.8	28.18	35.0
		741	110.2	19.60	32.5	121.5	23.10	32.8	130.8	25.74	33.0	140.1	26.99	33.2	143.8	27.49	33.3
	35	247	110.2	22.25	42.7	121.5	26.20	43.6	130.8	29.17	44.3	140.1	30.61	44.9	143.8	31.22	45.2
		494	110.2	21.83	38.8	121.5	25.72	39.3	130.8	28.64	39.6	140.1	30.08	39.9	143.8	30.61	40.1
		741	110.2	21.29	37.5	121.5	25.05	37.8	130.8	27.92	38.1	140.1	29.31	38.3	143.8	29.87	38.4
	40	247	98.0	24.65	47.1	108.1	29.05	48.0	116.0	32.32	48.6	124.6	33.93	49.2	127.8	34.55	49.4
		494	98.7	24.19	43.6	109.0	28.50	44.0	117.0	31.79	44.3	125.8	33.30	44.6	128.7	33.92	44.7
		741	100.1	23.59	42.4	110.4	27.79	42.7	118.9	30.92	42.9	127.3	32.49	43.1	130.7	33.06	43.2
	45	247	87.9	26.82	51.7	97.0	31.64	52.5	104.3	35.19	53.1	111.9	36.95	53.6	114.9	37.65	53.9
		494	88.6	26.32	48.3	97.9	31.06	48.7	105.2	34.60	49.1	112.8	36.24	49.3	115.5	36.91	49.4
		741	110.0	8.53	47.3	99.2	30.23	47.5	106.6	33.69	47.7	114.5	35.33	47.9	117.2	35.98	48.0
80	10	247	98.0	7.42	16.1	108.1	8.88	16.8	116.2	9.92	17.3	124.4	10.41	17.8	127.7	10.58	18.0
		494	98.0	7.20	13.1	108.1	8.75	13.4	116.2	9.75	13.7	124.4	10.23	13.9	127.7	10.43	14.0
		741	98.0	10.17	12.1	108.1	8.56	12.3	116.2	9.52	12.4	124.4	10.01	12.6	127.7	10.19	12.7
	15	247	98.0	9.92	21.3	108.1	11.89	22.0	116.2	13.23	22.5	124.4	13.88	23.0	127.7	14.13	23.2
		494	98.0	9.62	18.1	108.1	11.68	18.5	116.2	13.00	18.7	124.4	13.63	19.0	127.7	13.90	19.1
		741	98.0	12.27	17.1	108.1	11.42	17.3	116.2	12.71	17.5	124.4	13.34	17.7	127.7	13.60	17.7
	20	247	98.0	11.96	26.4	108.1	14.30	27.1	116.2	15.94	27.7	124.4	16.73	28.2	127.7	17.03	28.4
		494	98.0	11.58	23.2	108.1	14.06	23.5	116.2	15.68	23.8	124.4	16.43	24.1	127.7	16.75	24.2
		741	98.0	15.29	22.2	108.1	13.75	22.4	116.2	15.31	22.5	124.4	16.09	22.7	127.7	16.38	22.8
	25	247	98.0	15.03	31.6	108.1	18.01	32.3	116.2	20.08	32.9	124.4	21.08	33.4	127.7	21.46	33.7
		494	98.0	14.53	28.3	108.1	17.66	28.6	116.2	19.62	28.9	124.4	20.60	29.2	127.7	21.00	29.3
		741	98.0	18.28	27.2	108.1	17.08	27.4	116.2	19.04	27.6	124.4	19.95	27.8	127.7	20.32	27.9
	30	247	97.9	17.89	36.7	108.1	21.47	37.5	116.2	23.91	38.1	124.4	25.06	38.7	127.7	25.53	38.9
		494	98.0	17.43	33.3	108.1	21.20	33.8	116.2	23.61	34.1	124.4	24.76	34.3	127.7	25.24	34.4
		741	98.0	19.92	32.3	108.1	20.55	32.5	116.2	22.89	32.7	124.4	24.02	32.9	127.7	24.49	32.9
	35	247	98.0	19.57	41.8	108.1	23.42	42.6	116.2	26.10	43.3	124.4	27.34	43.8	127.7	27.88	44.0
		494	98.0	19.01	38.4	108.1	23.11	38.8	116.2	25.74	39.1	124.4	27.02	39.4	127.7	27.55	39.5
		741	87.1	21.96	37.1	108.1	22.24	37.5	116.2	24.77	37.7	124.4	26.02	37.9	127.7	26.50	38.0
	40	247	87.7	21.66	46.3	96.1	25.97	47.1	103.2	28.87	47.7	110.8	30.30	48.2	113.5	30.87	48.4
		494	88.9	21.07	43.2	96.7	25.61	43.6	104.0	28.52	43.8	111.5	29.95	44.1	114.6	30.49	44.2
		741	78.2	23.90	42.0	98.1	24.68	42.4	105.7	27.46	42.6	113.3	28.80	42.7	116.1	29.38	42.8
	45	247	78.8	23.55	50.9	86.3	28.21	51.6	92.6	31.44	52.2	99.5	32.99	52.7	102.0	33.66	52.9
		494	79.9	22.94	48.0	86.9	27.89	48.3	93.5	31.04	48.6	100.2	32.57	48.9	102.9	33.21	49.0
		741	88.2	7.18	46.8	88.2	26.83	47.2	94.9	29.91	47.4	101.8	31.35	47.6	104.4	31.93	47.6

1-21. AM520FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	247	85.8	6.26	15.3	94.6	7.37	15.9	101.6	8.22	16.4	108.9	8.62	16.8	111.8	8.78	17.0
		494	85.8	6.19	12.7	94.6	7.28	13.0	101.6	8.13	13.2	108.9	8.51	13.4	111.8	8.69	13.5
		741	85.8	5.96	11.8	94.6	7.02	12.0	101.6	7.82	12.1	108.9	8.21	12.3	111.8	8.37	12.3
	15	247	85.8	8.36	20.5	94.6	9.83	21.1	101.6	10.96	21.5	108.9	11.51	22.0	111.8	11.72	22.2
		494	85.8	8.27	17.7	94.6	9.73	18.0	101.6	10.84	18.3	108.9	11.36	18.5	111.8	11.59	18.6
		741	85.8	7.95	16.8	94.6	9.37	17.0	101.6	10.45	17.2	108.9	10.97	17.3	111.8	11.15	17.4
	20	247	85.8	10.07	25.6	94.6	11.85	26.2	101.6	13.22	26.7	108.9	13.87	27.1	111.8	14.12	27.3
		494	85.8	9.96	22.8	94.6	11.72	23.1	101.6	13.08	23.3	108.9	13.69	23.6	111.8	13.98	23.6
		741	85.8	9.59	21.8	94.6	11.31	22.0	101.6	12.60	22.2	108.9	13.19	22.4	111.8	13.44	22.4
	25	247	85.8	12.59	30.7	94.6	14.83	31.4	101.6	16.52	31.9	108.9	17.34	32.3	111.8	17.65	32.5
		494	85.8	12.42	27.8	94.6	14.59	28.2	101.6	16.27	28.4	108.9	17.07	28.7	111.8	17.38	28.7
		741	85.8	12.01	26.9	94.6	14.14	27.1	101.6	15.74	27.3	108.9	16.55	27.4	111.8	16.84	27.5
	30	247	85.8	15.12	35.9	94.6	17.82	36.5	101.6	19.85	37.0	108.9	20.84	37.5	111.8	21.23	37.7
		494	85.8	14.89	32.9	94.6	17.53	33.3	101.6	19.52	33.5	108.9	20.48	33.8	111.8	20.85	33.8
		741	85.8	14.46	31.9	94.6	17.04	32.2	101.6	18.97	32.3	108.9	19.90	32.5	111.8	20.29	32.6
	35	247	85.8	16.55	40.9	94.6	19.53	41.6	101.6	21.76	42.2	108.9	22.80	42.6	111.8	23.25	42.8
		494	85.8	16.14	38.0	94.6	19.02	38.3	101.6	21.21	38.6	108.9	22.21	38.8	111.8	22.64	38.9
		741	85.8	15.73	37.0	94.6	18.50	37.2	101.6	20.62	37.4	108.9	21.62	37.5	111.8	22.03	37.6
	40	247	76.1	18.35	45.5	84.1	21.63	46.1	90.2	24.10	46.6	97.0	25.27	47.1	99.3	25.77	47.3
		494	76.7	17.90	42.7	84.8	21.06	43.1	91.2	23.46	43.3	97.8	24.61	43.6	100.2	25.10	43.6
		741	77.9	17.40	41.8	86.0	20.53	42.1	92.3	22.87	42.2	99.1	23.95	42.4	101.8	24.43	42.4
	45	247	68.3	19.99	50.1	75.5	23.53	50.7	81.1	26.21	51.2	87.0	27.51	51.6	89.2	28.02	51.8
		494	68.9	19.48	47.6	76.2	22.94	47.9	81.8	25.55	48.1	87.7	26.81	48.3	89.9	27.29	48.4
		741	69.9	18.98	46.7	77.3	22.36	46.9	83.1	24.88	47.1	89.0	26.10	47.2	91.2	26.56	47.3
60	10	247	73.5	5.17	14.6	81.1	6.09	15.1	87.1	6.79	15.4	93.6	7.11	15.8	95.9	7.26	16.0
		494	73.5	5.03	12.3	81.1	5.92	12.5	87.1	6.61	12.7	93.6	6.93	12.9	95.9	7.06	13.0
		741	73.5	4.93	11.5	81.1	5.81	11.7	87.1	6.47	11.8	93.6	6.77	11.9	95.9	6.91	12.0
	15	247	73.5	6.90	19.7	81.1	8.13	20.2	87.1	9.05	20.6	93.6	9.50	21.0	95.9	9.69	21.1
		494	73.5	6.71	17.3	81.1	7.92	17.6	87.1	8.82	17.8	93.6	9.24	18.0	95.9	9.43	18.1
		741	73.5	6.58	16.5	81.1	7.75	16.7	87.1	8.63	16.9	93.6	9.04	17.0	95.9	9.23	17.0
	20	247	73.5	8.31	24.7	81.1	9.79	25.3	87.1	10.91	25.7	93.6	11.44	26.1	95.9	11.67	26.2
		494	73.5	8.11	22.4	81.1	9.53	22.6	87.1	10.61	22.8	93.6	11.15	23.0	95.9	11.36	23.1
		741	73.5	7.92	21.6	81.1	9.35	21.7	87.1	10.39	21.9	93.6	10.91	22.0	95.9	11.12	22.1
	25	247	73.5	10.36	29.9	81.1	12.19	30.4	87.1	13.59	30.8	93.6	14.25	31.3	95.9	14.52	31.4
		494	73.5	10.14	27.4	81.1	11.94	27.7	87.1	13.29	27.9	93.6	13.95	28.1	95.9	14.21	28.2
		741	73.5	9.83	26.6	81.1	11.58	26.8	87.1	12.90	26.9	93.6	13.52	27.1	95.9	13.76	27.1
	30	247	73.5	12.37	35.0	81.1	14.55	35.6	87.1	16.24	36.0	93.6	17.00	36.4	95.9	17.34	36.6
		494	73.5	12.11	32.5	81.1	14.26	32.8	87.1	15.90	33.0	93.6	16.66	33.2	95.9	17.00	33.3
		741	73.5	11.81	31.7	81.1	13.90	31.8	87.1	15.48	32.0	93.6	16.25	32.1	95.9	16.54	32.2
	35	247	73.5	13.41	40.0	81.1	15.78	40.6	87.1	17.60	41.1	93.6	18.46	41.5	95.9	18.82	41.7
		494	73.5	13.31	37.5	81.1	15.67	37.8	87.1	17.47	38.0	93.6	18.32	38.2	95.9	18.63	38.3
		741	73.5	12.86	36.7	81.1	15.17	36.9	87.1	16.88	37.0	93.6	17.73	37.2	95.9	18.05	37.2
	40	247	65.2	14.88	44.6	72.0	17.50	45.2	77.4	19.49	45.6	83.1	20.46	46.0	85.3	20.85	46.2
		494	65.9	14.72	42.3	72.6	17.33	42.6	78.1	19.34	42.8	83.6	20.25	43.0	86.0	20.67	43.1
		741	66.8	14.27	41.6	73.6	16.79	41.7	79.2	18.72	41.9	85.0	19.61	42.0	87.1	20.00	42.1
	45	247	58.5	16.17	49.3	64.7	19.06	49.9	69.6	21.19	50.3	74.6	22.26	50.6	76.4	22.68	50.7
		494	59.2	16.03	47.2	65.3	18.86	47.4	70.2	21.04	47.6	75.1	22.07	47.8	77.2	22.48	47.9
		741	59.9	15.52	46.5	66.1	18.29	46.6	71.1	20.38	46.8	76.3	21.34	46.9	78.2	21.77	46.9
50	10	247	61.1	3.94	13.8	67.6	4.64	14.2	72.5	5.18	14.5	78.0	5.43	14.8	79.8	5.53	15.0
		494	61.1	3.88	11.9	67.6	4.57	12.1	72.5	5.09	12.3	78.0	5.34	12.4	79.8	5.44	12.5
		741	61.1	3.80	11.3	67.6	4.47	11.4	72.5	4.99	11.5	78.0	5.23	11.6	79.8	5.34	11.6
	15	247	61.1	5.26	18.9	67.6	6.21	19.3	72.5	6.91	19.6	78.0	7.24	19.9	79.8	7.39	20.1
		494	61.1	5.18	16.9	67.6	6.09	17.1	72.5	6.79	17.3	78.0	7.13	17.5	79.8	7.25	17.5
		741	61.1	5.08	16.3	67.6	5.98	16.4	72.5	6.67	16.5	78.0	6.99	16.6	79.8	7.12	16.7
	20	247	61.1	6.35	23.9	67.6	7.47	24.4	72.5	8.33	24.7	78.0	8.73	25.0	79.8	8.90	25.1
		494	61.1	6.24	22.0	67.6	7.34	22.2	72.5	8.18	22.3	78.0	8.59	22.5	79.8	8.76	22.6
		741	61.1	6.12	21.3	67.6	7.20	21.4	72.5	8.03	21.6	78.0	8.43	21.7	79.8	8.58	21.7
	25	247	61.1	7.96	29.0	67.6	9.37	29.5	72.5	10.43	29.8	78.0	10.95	30.2	79.8	11.14	30.3
		494	61.1	7.72	27.0	67.6	9.09	27.2	72.5	10.12	27.4	78.0	10.63	27.6	79.8	10.82	27.6
		741	61.1	7.65	26.3	67.6	8.99	26.5	72.5	10.03	26.6	78.0	10.51	26.7	79.8	10.71	26.8
	30	247	61.1	9.59	34.1	67.6	11.31	34.6	72.5	12.60	34.9	78.0	13.21	35.3	79.8	13.45	35.4
		494	61.1	9.33	32.0	67.6	10.97	32.3	72.5	12.22	32.5	78.0	12.82	32.6	79.8	13.06	32.7
		741	61.1	9.15	31.4	67.6	10.77	31.5	72.5	12.00	31.6	78.0	12.59	31.8	79.8	12.81	31.8
	35	247	61.1	10.42	39.2	67.6	12.25	39.6	72.5	13.66	40.0	78.0	14.32	40.4	79.8	14.59	40.5
		494	61.1	10.13	37.1	67.6	11.93	37.3	72.5	13.29	37.5	78.0	13.94	37.7	79.8	14.19	37.7
		741	61.1	9.85	36.4	67.6	11.61	36.5	72.5	12.93	36.7	78.0	13.55	36.8	79.8	13.79	36.8
	40	247	54.3	11.53	43.8	60.1	13.57	44.3	64.6	15.14	44.6	69.2	15.88	44.9	71.0	16.17	45.1
		494	54.9	11.23	41.9	60.5	13.20	42.1	65.0	14.74	42.3	69.8	15.45	42.5	71.6	15.72	42.5
		741	55.6	10.91	41.3	61.4	12.85	41.4	66.0	14.31	41.6	70.8	15.02	41.7	72.5	15.30	41.7
	45	247	48.9	12.57	48.6	53.9	14.81	49.0	57.9	16.49	49.3	62.1	17.28	49.6	63.7	17.59	49.7
		494	49.3	12.22	46.8	54.4	14.37	47.0	58.5	16.03	47.2	62.6	16.81	47.3	64.3	17.15	47.4
		741	50.0	11.87	46.2	55.1	13.97	46.3	59.2	15.59	46.4	63.6	16.35	46.5	65.3	16.66	46.6

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	247	186.5	39.39	1.5	182.4	37.94	1.6	174.3	36.85	2.0	164.0	34.39	2.5	157.4	31.48	2.7
		494	190.4	38.06	5.6	185.3	37.30	5.7	177.8	36.34	5.9	167.5	33.72	6.1	160.6	31.00	6.2
		741	201.1	38.41	6.9	197.4	37.47	6.9	189.9	36.00	7.0	179.0	33.60	7.2	171.6	31.41	7.3
	15	247	205.9	34.92	5.1	200.5	33.31	5.3	192.4	32.26	5.7	180.4	30.03	6.3	173.1	27.58	6.6
		494	211.1	32.58	9.8	206.0	32.38	10.0	198.7	31.79	10.2	186.8	29.27	10.4	178.0	26.82	10.6
		741	209.9	33.94	11.6	207.3	33.35	11.6	202.3	31.90	11.7	189.6	29.41	11.9	181.8	28.24	12.0
	20	247	211.3	33.14	9.7	207.3	31.74	9.8	199.4	30.46	10.2	187.7	27.81	10.7	178.9	26.44	11.2
		494	215.1	31.29	14.7	213.1	31.23	14.7	205.6	30.21	14.9	193.6	28.44	15.2	185.6	27.29	15.4
		741	214.8	31.61	16.5	212.1	31.03	16.5	209.7	30.67	16.5	195.9	28.69	16.8	187.4	27.64	16.9
	25	247	218.9	30.77	14.1	212.4	30.31	14.4	208.2	29.61	14.6	196.9	27.90	15.2	189.2	26.43	15.6
		494	216.0	29.93	19.6	212.2	30.39	19.7	208.4	29.40	19.8	197.1	27.83	20.1	189.3	26.31	20.3
		741	213.8	29.74	21.4	212.5	29.04	21.5	208.4	29.10	21.5	197.3	27.58	21.7	189.6	25.17	21.8
	30	247	214.3	27.67	19.2	212.3	27.90	19.3	208.3	28.13	19.5	197.2	25.91	20.1	189.3	24.92	20.5
		494	214.4	26.98	24.6	212.4	28.01	24.6	208.2	27.55	24.8	196.9	25.93	25.0	189.6	23.74	25.2
		741	214.4	26.76	26.4	212.2	26.43	26.4	208.5	26.94	26.5	197.2	24.82	26.7	189.2	24.27	26.8
	35	247	214.5	26.01	24.1	212.5	26.86	24.2	208.5	27.85	24.5	197.1	25.39	25.0	189.5	23.44	25.4
		494	214.5	26.07	29.5	212.6	27.25	29.6	208.4	27.41	29.7	197.2	25.52	30.0	189.3	23.36	30.2
		741	214.7	25.63	31.3	212.2	26.33	31.4	208.5	26.76	31.5	196.9	24.38	31.7	189.3	22.37	31.8
	40	247	214.7	24.20	28.9	212.4	25.17	29.1	208.7	26.94	29.5	196.9	24.74	30.0	189.6	22.93	30.3
		494	214.5	24.28	34.5	212.2	25.53	34.6	208.5	26.13	34.7	197.0	24.43	35.0	189.3	22.54	35.2
		741	214.3	24.06	36.3	212.5	24.48	36.4	208.7	26.34	36.5	197.2	24.01	36.7	189.6	22.13	36.8
	45	247	214.5	21.35	33.8	212.3	22.36	34.0	208.2	25.04	34.4	196.9	23.07	34.9	189.5	21.49	35.3
		494	214.4	21.52	39.4	212.6	22.77	39.5	208.5	23.76	39.6	197.1	22.18	39.9	189.3	20.77	40.1
		741	214.5	21.61	41.3	212.3	21.54	41.3	208.5	24.90	41.4	197.0	22.46	41.6	189.4	21.12	41.7
120	10	247	177.8	39.08	1.9	173.7	37.77	2.1	165.9	36.63	2.5	156.0	33.88	2.9	149.0	31.03	3.2
		494	180.8	38.62	5.9	176.3	37.58	6.0	167.5	36.37	6.2	158.6	33.47	6.4	151.3	30.45	6.5
		741	191.1	37.96	7.0	184.7	36.98	7.1	179.0	36.00	7.2	169.0	33.27	7.4	161.4	30.38	7.5
	15	247	196.2	34.26	5.6	190.4	33.04	5.9	183.0	31.82	6.2	172.3	29.58	6.7	163.8	27.14	7.1
		494	199.3	33.63	10.2	195.3	32.97	10.3	187.2	31.76	10.5	176.1	29.27	10.7	167.3	26.46	10.9
		741	198.6	33.11	11.8	193.4	32.30	11.9	189.1	31.88	12.0	178.1	29.43	12.1	169.2	26.68	12.2
	20	247	199.7	31.76	10.3	195.4	30.50	10.4	187.6	29.09	10.8	176.7	26.93	11.3	167.6	25.63	11.8
		494	202.2	30.84	15.0	199.6	30.59	15.1	191.9	29.45	15.3	180.5	27.45	15.6	172.3	25.77	15.7
		741	201.4	30.78	16.7	196.2	30.08	16.8	194.5	29.63	16.8	182.6	27.72	17.0	173.6	26.24	17.1
	25	247	205.6	29.14	14.8	198.3	28.09	15.1	193.4	27.42	15.4	182.7	25.69	15.9	174.9	24.24	16.3
		494	203.1	28.28	19.9	198.4	28.16	20.1	193.0	27.59	20.2	182.5	25.53	20.4	175.1	24.15	20.6
		741	202.7	27.11	21.6	198.5	26.89	21.7	193.2	27.11	21.8	182.7	25.95	22.0	175.4	23.04	22.1
	30	247	202.6	25.59	19.7	198.3	25.74	20.0	193.1	25.62	20.3	182.4	23.30	20.8	175.1	22.31	21.1
		494	202.8	25.01	24.8	198.4	25.49	25.0	193.3	25.22	25.1	182.5	23.21	25.4	175.3	21.21	25.5
		741	202.6	24.13	26.5	198.5	24.14	26.6	193.3	24.56	26.7	182.6	22.86	26.9	175.3	21.71	27.0
	35	247	202.8	24.00	24.6	198.3	24.33	24.9	193.3	24.93	25.2	182.4	22.66	25.7	175.1	20.85	26.0
		494	202.7	23.48	29.8	198.1	24.26	30.0	193.5	24.05	30.1	182.7	22.21	30.3	175.1	20.35	30.5
		741	202.5	22.68	31.5	198.1	23.65	31.6	193.2	24.16	31.7	182.6	21.84	31.9	175.1	20.01	32.0
	40	247	202.8	22.27	29.5	198.2	22.41	29.8	193.2	23.57	30.2	182.7	21.50	30.6	175.1	19.86	31.0
		494	202.6	21.41	34.7	198.2	22.30	34.9	193.3	22.69	35.0	182.4	21.13	35.3	175.0	19.37	35.5
		741	202.9	21.37	36.5	198.3	21.42	36.6	193.3	22.91	36.7	182.8	20.74	36.9	175.3	19.04	37.0
	45	247	202.5	19.69	34.4	198.5	19.56	34.6	193.2	21.31	35.0	182.6	19.50	35.5	175.0	18.06	35.9
		494	202.8	18.46	39.6	198.5	19.30	39.8	193.4	20.49	40.0	182.5	19.03	40.3	175.2	17.68	40.4
		741	202.9	19.24	41.4	198.1	18.45	41.5	193.4	20.82	41.7	182.7	18.67	41.8	175.3	17.40	41.9
110	10	247	170.1	39.47	2.4	165.1	38.00	2.6	156.9	36.76	3.0	148.3	33.86	3.4	140.3	31.07	3.7
		494	172.1	38.80	6.1	166.5	37.56	6.3	158.4	36.33	6.5	150.1	33.52	6.6	141.9	30.46	6.8
		741	181.7	38.27	7.2	176.7	36.94	7.3	168.8	35.74	7.4	159.2	32.98	7.6	150.8	30.40	7.7
	15	247	187.4	34.48	6.1	181.0	33.34	6.4	173.1	32.01	6.8	163.5	29.58	7.2	154.5	27.13	7.6
		494	189.0	33.35	10.5	184.0	32.90	10.6	175.4	31.75	10.8	165.0	29.27	11.1	156.4	26.42	11.2
		741	188.6	33.23	12.0	183.4	32.33	12.1	176.7	31.26	12.2	166.0	28.77	12.3	157.0	26.71	12.5
	20	247	189.4	30.79	10.8	183.7	30.00	11.1	175.8	28.67	11.5	164.9	26.49	12.0	156.4	24.83	12.4
		494	190.8	30.14	15.3	185.3	29.58	15.5	177.7	28.49	15.7	167.5	26.60	15.9	158.2	24.55	16.1
		741	190.7	30.46	16.9	185.3	29.43	17.0	179.6	28.70	17.1	168.7	26.17	17.2	159.9	24.88	17.4
	25	247	192.4	27.15	15.4	184.9	26.35	15.8	178.9	25.83	16.1	168.6	23.86	16.6	160.2	22.08	17.0
		494	191.1	26.64	20.2	185.1	26.20	20.4	178.8	25.65	20.6	168.7	23.71	20.8	160.3	21.90	21.0
		741	190.9	27.05	21.8	185.2	26.24	21.9	178.9	25.19	22.0	168.6	24.11	22.2	160.4	20.90	22.3
	30	247	190.9	22.84	20.2	185.1	23.22	20.6	178.8	22.78	20.9	168.7	21.12	21.4	160.2	19.33	21.8
		494	190.8	22.67	25.1	185.0	23.04	25.3	179.1	22.36	25.5	168.6	20.94	25.7	160.2	18.62	25.9
		741	190.7	22.70	26.7	185.0	21.96	26.8	179.0	21.73	27.0	168.7	20.03	27.1	160.2	19.06	27.3
	35	247	191.1	21.25	25.1	185.1	21.27	25.5	178.9	21.60	25.9	168.8	19.48	26.3	160.3	17.78	26.7
		494	191.2	21.20	30.1	185.1	21.68	30.3	178.8	21.10	30.4	168.6	19.47	30.7	160.3	17.65	30.9
		741	190.9	20.04	31.7	184.8	20.63	31.8	178.9	20.54	31.9	168.7	19.13	32.1	160.1	17.34	32.2
	40	247	191.3	19.22	30.0	184.9	19.82	30.4	178.9	20.22	30.8	168.4	18.29	31.3	160.2	16.73	31.7
		494	190.8	19.21	35.0	185.2	19.71	35.2	178.8	19.31	35.4	168.5	18.30	35.6	160.4	16.70	35.8
		741	190.8	19.10	36.7	185.2	18.67	36.8	178.8	19.49	36.9	168.5	17.25	37.1	160.2	15.72	37.2
	45	247	191.2	16.47	34.9	185.0	17.38	35.3	178.9	18.07	35.7	168.5	16.43	36.2	160.2	15.03	36.6
		494	191.0	16.41	39.9	185.3	16.92	40.1	178.8	16.73	40.3	168.7	16.28	40.6	160.3	15.04	40.8
		741	190.9	17.49	41.6	185.2	15.96	41.7	178.9	17.75	41.9	168.5	14.67	42.0	160.3	13.46	42.2

1-21. AM520FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	247	162.8	39.74	2.9	156.0	38.57	3.2	148.4	36.96	3.5	140.2	34.09	3.8	131.9	30.78	4.1
		494	163.9	39.42	6.4	156.7	38.22	6.6	148.9	36.59	6.7	140.9	33.70	6.9	132.5	30.44	7.0
		741	173.4	38.73	7.4	166.0	37.59	7.5	157.8	35.97	7.6	149.2	33.16	7.8	140.3	29.97	7.9
	15	247	179.4	34.72	6.6	171.6	33.72	7.0	163.8	32.24	7.4	154.5	29.77	7.8	145.1	26.90	8.1
		494	179.4	34.43	10.8	171.6	33.41	11.0	163.8	32.00	11.2	154.5	29.46	11.4	145.1	26.62	11.6
		741	179.4	33.78	12.2	171.6	32.86	12.3	163.8	31.43	12.4	154.5	28.95	12.6	145.1	26.20	12.7
	20	247	179.4	30.60	11.4	171.6	29.71	11.8	163.8	28.40	12.1	154.5	26.20	12.6	145.1	23.69	13.0
		494	179.4	30.31	15.7	171.6	29.42	15.9	163.8	28.23	16.1	154.5	25.93	16.3	145.1	23.43	16.5
		741	179.4	29.78	17.1	171.6	28.91	17.2	163.8	27.67	17.4	154.5	25.48	17.5	145.1	23.04	17.6
	25	247	179.4	25.97	16.1	171.6	25.22	16.5	163.8	24.08	16.9	154.5	22.22	17.3	145.1	20.07	17.7
		494	179.4	25.67	20.5	171.6	24.92	20.7	163.8	23.86	20.9	154.5	22.00	21.2	145.1	19.86	21.4
		741	179.4	25.24	22.0	171.6	24.51	22.2	163.8	23.44	22.3	154.5	21.65	22.4	145.1	19.54	22.6
	30	247	179.4	21.71	20.8	171.6	21.09	21.3	163.8	20.15	21.7	154.5	18.59	22.1	145.1	16.81	22.6
		494	179.4	21.50	25.4	171.6	20.89	25.6	163.8	19.98	25.8	154.5	18.41	26.1	145.1	16.62	26.3
		741	179.4	21.12	26.9	171.6	20.53	27.1	163.8	19.65	27.2	154.5	18.12	27.4	145.1	16.34	27.5
	35	247	179.4	19.73	25.7	171.6	19.17	26.2	163.8	18.31	26.6	154.5	16.90	27.0	145.1	15.25	27.5
		494	179.4	19.54	30.4	171.6	18.95	30.6	163.8	18.14	30.8	154.5	16.74	31.0	145.1	15.13	31.2
		741	179.4	19.20	31.9	171.6	18.65	32.0	163.8	17.84	32.2	154.5	16.46	32.3	145.1	14.86	32.5
	40	247	179.4	17.74	30.6	171.6	17.24	31.0	163.8	16.47	31.5	154.5	15.19	31.9	145.1	13.74	32.4
		494	179.4	17.58	35.3	171.6	17.08	35.5	163.8	16.33	35.7	154.5	15.07	36.0	145.1	13.60	36.2
		741	179.4	17.27	36.9	171.6	16.78	37.0	163.8	16.03	37.1	154.5	14.79	37.3	145.1	13.35	37.5
	45	247	179.4	15.09	35.5	171.6	14.61	35.9	163.8	13.97	36.3	154.5	12.93	36.8	145.1	11.66	37.3
		494	179.4	14.92	40.2	171.6	14.48	40.4	163.8	13.85	40.6	154.5	12.79	40.9	145.1	11.54	41.1
		741	179.4	14.67	41.8	171.6	14.22	42.0	163.8	13.63	42.1	154.5	12.56	42.3	145.1	11.36	42.4
90	10	247	146.8	37.62	3.7	140.1	36.54	4.0	133.4	34.94	4.3	126.4	32.27	4.5	118.6	29.11	4.8
		494	147.4	37.16	6.8	140.7	36.06	7.0	134.2	34.51	7.1	127.0	31.87	7.2	119.4	28.77	7.4
		741	155.9	36.74	7.7	149.3	35.70	7.8	141.9	34.14	7.9	134.4	31.51	8.0	126.2	28.44	8.1
	15	247	161.4	32.90	7.5	154.4	31.98	7.9	147.1	30.54	8.2	139.1	28.18	8.6	130.8	25.48	8.9
		494	161.4	32.49	11.3	154.4	31.49	11.4	147.1	30.14	11.6	139.1	27.83	11.8	130.8	25.13	11.9
		741	161.4	32.09	12.5	154.4	31.16	12.6	147.1	29.83	12.7	139.1	27.52	12.8	130.8	24.85	13.0
	20	247	161.4	28.94	12.3	154.4	28.12	12.7	147.1	26.91	13.0	139.1	24.82	13.4	130.8	22.39	13.7
		494	161.4	28.60	16.1	154.4	27.73	16.3	147.1	26.54	16.5	139.1	24.49	16.7	130.8	22.14	16.8
		741	161.4	28.25	17.4	154.4	27.44	17.5	147.1	26.26	17.7	139.1	24.20	17.8	130.8	21.87	17.9
	25	247	161.4	24.68	17.1	154.4	23.94	17.4	147.1	22.90	17.8	139.1	21.13	18.2	130.8	19.07	18.5
		494	161.4	24.39	21.0	154.4	23.65	21.2	147.1	22.61	21.4	139.1	20.87	21.6	130.8	18.84	21.8
		741	161.4	23.87	22.3	154.4	23.17	22.5	147.1	22.18	22.6	139.1	20.46	22.7	130.8	18.48	22.8
	30	247	161.4	20.58	21.8	154.4	19.98	22.2	147.1	19.13	22.6	139.1	17.64	23.0	130.8	15.93	23.3
		494	161.4	20.33	25.9	154.4	19.74	26.1	147.1	18.87	26.3	139.1	17.42	26.5	130.8	15.73	26.7
		741	161.4	20.11	27.3	154.4	19.51	27.4	147.1	18.69	27.5	139.1	17.23	27.6	130.8	15.57	27.8
	35	247	161.4	18.66	26.7	154.4	18.11	27.1	147.1	17.32	27.5	139.1	16.01	27.9	130.8	14.44	28.2
		494	161.4	18.44	30.9	154.4	17.90	31.0	147.1	17.13	31.2	139.1	15.83	31.4	130.8	14.28	31.6
		741	161.4	18.23	32.2	154.4	17.70	32.4	147.1	16.94	32.5	139.1	15.64	32.6	130.8	14.12	32.7
	40	247	161.4	16.80	31.6	154.4	16.31	32.0	147.1	15.58	32.4	139.1	14.38	32.8	130.8	12.99	33.2
		494	161.4	16.62	35.8	154.4	16.13	36.0	147.1	15.42	36.2	139.1	14.23	36.4	130.8	12.86	36.6
		741	161.4	16.40	37.2	154.4	15.93	37.3	147.1	15.24	37.4	139.1	14.06	37.6	130.8	12.71	37.7
	45	247	161.4	14.26	36.5	154.4	13.83	36.8	147.1	13.24	37.2	139.1	12.22	37.6	130.8	11.02	38.0
		494	161.4	14.10	40.7	154.4	13.68	40.9	147.1	13.11	41.1	139.1	12.09	41.3	130.8	10.92	41.5
		741	161.4	13.95	42.1	154.4	13.52	42.3	147.1	12.95	42.4	139.1	11.94	42.5	130.8	10.80	42.7
80	10	247	130.5	33.48	4.4	124.5	32.46	4.7	118.6	31.06	4.9	112.3	28.69	5.2	105.4	25.90	5.4
		494	130.9	33.09	7.2	125.4	32.18	7.3	119.2	30.73	7.4	112.8	28.38	7.5	106.0	25.64	7.7
		741	138.8	32.82	8.0	132.7	31.85	8.0	126.4	30.53	8.1	119.4	28.14	8.2	112.2	25.44	8.3
	15	247	143.3	29.23	8.4	137.3	28.39	8.7	130.8	27.17	9.0	123.3	25.03	9.3	116.2	22.61	9.6
		494	143.3	28.93	11.7	137.3	28.10	11.8	130.8	26.91	12.0	123.3	24.80	12.1	116.2	22.43	12.3
		741	143.3	28.71	12.8	137.3	27.86	12.9	130.8	26.65	13.0	123.3	24.61	13.1	116.2	22.19	13.2
	20	247	143.3	25.70	13.2	137.3	24.97	13.5	130.8	23.88	13.8	123.4	22.05	14.1	116.2	19.90	14.4
		494	143.3	25.50	16.6	137.3	24.72	16.7	130.8	23.68	16.9	123.3	21.80	17.1	116.2	19.72	17.2
		741	143.3	25.24	17.7	137.3	24.53	17.8	130.8	23.49	17.9	123.3	21.64	18.0	116.2	19.56	18.1
	25	247	143.3	22.08	18.0	137.3	21.41	18.3	130.8	20.49	18.6	123.3	18.91	18.9	116.2	17.08	19.2
		494	143.3	21.72	21.5	137.3	21.09	21.6	130.8	20.17	21.8	123.3	18.64	22.0	116.2	16.83	22.1
		741	143.3	21.33	22.6	137.3	20.73	22.7	130.8	19.85	22.9	123.3	18.31	23.0	116.2	16.51	23.1
	30	247	143.3	18.27	22.7	137.3	17.75	23.1	130.8	16.97	23.4	123.3	15.67	23.8	116.2	14.16	24.1
		494	143.3	18.20	26.4	137.3	17.66	26.5	130.8	16.89	26.7	123.3	15.59	26.9	116.2	14.07	27.0
		741	143.3	17.90	27.6	137.3	17.37	27.7	130.8	16.61	27.8	123.3	15.32	27.9	116.2	13.85	28.0
	35	247	143.3	16.67	27.7	137.3	16.20	28.0	130.8	15.49	28.3	123.3	14.28	28.7	116.2	12.91	29.0
		494	143.3	16.60	31.3	137.3	16.09	31.5	130.8	15.40	31.7	123.3	14.22	31.8	116.2	12.83	32.0
		741	143.3	16.19	32.5	137.3	15.73	32.6	130.8	15.06	32.8	123.3	13.89	32.9	116.2	12.55	33.0
	40	247	143.3	15.02	32.6	137.3	14.57	32.9	130.8	13.94	33.2	123.3	12.86	33.6	116.2	11.62	33.9
		494	143.3	14.92	36.3	137.3	14.50	36.4	130.8	13.85	36.6	123.3	12.77	36.8	116.2	11.55	37.0
		741	143.3	14.59	37.5	137.3	14.17	37.6	130.8	13.54	37.7	123.3	12.48	37.9	116.2	11.27	38.0
	45	247	143.3	12.73	37.4	137.3	12.38	37.8	130.8	11.84	38.1	123.3	10.93	38.5	116.2	9.86	38.8
		494	143.3	12.67	41.2	137.3	12.31	41.4	130.8	11.76	41.5	123.3	10.84	41.7	116.2	9.80	41.9
		741	143.3	12.38	42.5	137.3	12.01	42.6	130.8	11.49	42.7	123.3	10.61	42.8	116.2	9.58	42.9

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	247	114.0	27.70	5.0	109.2	26.87	5.2	103.9	25.76	5.5	98.2	23.77	5.7	92.3	21.43	5.9
		494	114.5	27.57	7.5	109.7	26.80	7.6	104.3	25.64	7.7	98.7	23.63	7.8	92.7	21.34	7.9
		741	121.4	26.96	8.2	116.1	26.19	8.3	110.6	25.08	8.3	104.6	23.10	8.4	98.2	20.90	8.5
	15	247	125.6	24.25	9.1	120.1	23.53	9.4	114.4	22.52	9.7	108.2	20.76	9.9	101.7	18.75	10.2
		494	125.6	24.12	12.1	120.1	23.42	12.2	114.4	22.41	12.3	108.2	20.65	12.5	101.7	18.68	12.6
		741	125.6	23.59	13.0	120.1	22.91	13.1	114.4	21.89	13.2	108.2	20.17	13.3	101.7	18.25	13.4
	20	247	125.6	21.31	13.9	120.1	20.69	14.2	114.4	19.82	14.5	108.2	18.29	14.8	101.7	16.51	15.1
		494	125.6	21.23	17.0	120.1	20.60	17.1	114.4	19.70	17.3	108.2	18.19	17.4	101.7	16.42	17.5
		741	125.6	20.75	18.0	120.1	20.16	18.1	114.4	19.28	18.2	108.2	17.76	18.3	101.7	16.07	18.3
	25	247	125.6	18.18	18.8	120.1	17.63	19.1	114.4	16.88	19.3	108.2	15.57	19.6	101.7	14.07	19.9
		494	125.6	17.99	21.9	120.1	17.49	22.0	114.4	16.71	22.2	108.2	15.43	22.3	101.7	13.91	22.5
		741	125.6	17.67	22.9	120.1	17.16	23.0	114.4	16.43	23.1	108.2	15.15	23.2	101.7	13.69	23.3
	30	247	125.6	15.20	23.6	120.1	14.76	23.9	114.4	14.10	24.2	108.2	12.99	24.5	101.7	11.75	24.8
		494	125.6	15.05	26.8	120.1	14.62	26.9	114.4	13.98	27.1	108.2	12.90	27.2	101.7	11.64	27.4
		741	125.6	14.83	27.9	120.1	14.39	28.0	114.4	13.76	28.1	108.2	12.71	28.2	101.7	11.48	28.3
	35	247	125.6	13.89	28.5	120.1	13.50	28.8	114.4	12.90	29.1	108.2	11.90	29.4	101.7	10.76	29.7
		494	125.6	13.63	31.8	120.1	13.25	31.9	114.4	12.66	32.0	108.2	11.69	32.2	101.7	10.56	32.4
		741	125.6	13.49	32.8	120.1	13.10	32.9	114.4	12.51	33.0	108.2	11.55	33.1	101.7	10.43	33.2
	40	247	125.6	12.51	33.4	120.1	12.13	33.7	114.4	11.62	34.0	108.2	10.72	34.3	101.7	9.68	34.7
		494	125.6	12.27	36.7	120.1	11.91	36.9	114.4	11.40	37.0	108.2	10.51	37.2	101.7	9.51	37.3
		741	125.6	12.13	37.8	120.1	11.78	37.9	114.4	11.27	38.0	108.2	10.39	38.1	101.7	9.39	38.2
	45	247	125.6	10.62	38.3	120.1	10.31	38.6	114.4	9.87	38.9	108.2	9.09	39.2	101.7	8.22	39.6
		494	125.6	10.43	41.7	120.1	10.13	41.8	114.4	9.68	42.0	108.2	8.92	42.1	101.7	8.07	42.3
		741	125.6	10.30	42.8	120.1	9.99	42.9	114.4	9.57	43.0	108.2	8.82	43.1	101.7	7.97	43.2
60	10	247	97.8	22.90	5.7	93.5	22.24	5.9	89.0	21.27	6.1	84.2	19.60	6.2	79.2	17.72	6.4
		494	98.2	22.45	7.8	93.9	21.79	7.9	89.5	20.87	8.0	84.6	19.25	8.1	79.4	17.39	8.2
		741	104.0	22.29	8.4	99.6	21.65	8.5	94.7	20.72	8.6	89.6	19.09	8.6	84.2	17.23	8.7
	15	247	107.6	20.00	9.9	103.0	19.42	10.1	98.0	18.59	10.4	92.8	17.12	10.6	87.1	15.49	10.8
		494	107.6	19.61	12.4	103.0	19.05	12.6	98.0	18.23	12.7	92.8	16.81	12.8	87.1	15.18	12.9
		741	107.6	19.49	13.3	103.0	18.92	13.4	98.0	18.08	13.5	92.8	16.68	13.5	87.1	15.06	13.6
	20	247	107.6	17.61	14.8	103.0	17.10	15.0	98.0	16.37	15.3	92.8	15.07	15.5	87.1	13.64	15.7
		494	107.6	17.25	17.4	103.0	16.78	17.5	98.0	16.03	17.6	92.8	14.79	17.7	87.1	13.35	17.9
		741	107.6	17.14	18.3	103.0	16.63	18.3	98.0	15.91	18.4	92.8	14.67	18.5	87.1	13.26	18.6
	25	247	107.6	14.90	19.6	103.0	14.49	19.9	98.0	13.86	20.1	92.8	12.77	20.4	87.1	11.54	20.6
		494	107.6	14.71	22.3	103.0	14.29	22.4	98.0	13.66	22.6	92.8	12.61	22.7	87.1	11.39	22.8
		741	107.6	14.47	23.2	103.0	14.02	23.3	98.0	13.42	23.4	92.8	12.38	23.4	87.1	11.20	23.5
	30	247	107.6	12.40	24.5	103.0	12.06	24.7	98.0	11.52	25.0	92.8	10.64	25.2	87.1	9.60	25.5
		494	107.6	12.23	27.2	103.0	11.87	27.4	98.0	11.38	27.5	92.8	10.49	27.6	87.1	9.46	27.7
		741	107.6	12.11	28.2	103.0	11.75	28.2	98.0	11.24	28.3	92.8	10.36	28.4	87.1	9.36	28.5
	35	247	107.6	11.25	29.4	103.0	10.92	29.7	98.0	10.44	29.9	92.8	9.65	30.2	87.1	8.70	30.5
		494	107.6	11.25	32.2	103.0	10.90	32.3	98.0	10.43	32.5	92.8	9.62	32.6	87.1	8.70	32.7
		741	107.6	11.04	33.1	103.0	10.72	33.2	98.0	10.24	33.3	92.8	9.45	33.4	87.1	8.53	33.5
	40	247	107.6	10.12	34.3	103.0	9.82	34.6	98.0	9.40	34.9	92.8	8.68	35.1	87.1	7.84	35.4
		494	107.6	10.10	37.2	103.0	9.82	37.3	98.0	9.40	37.4	92.8	8.65	37.6	87.1	7.83	37.7
		741	107.6	9.91	38.1	103.0	9.64	38.2	98.0	9.21	38.3	92.8	8.51	38.4	87.1	7.68	38.5
	45	247	107.6	8.59	39.3	103.0	8.34	39.5	98.0	7.97	39.8	92.8	7.37	40.0	87.1	6.64	40.3
		494	107.6	8.57	42.1	103.0	8.34	42.3	98.0	7.97	42.4	92.8	7.35	42.5	87.1	6.64	42.7
		741	107.6	8.43	43.1	103.0	8.18	43.2	98.0	7.82	43.3	92.8	7.22	43.3	87.1	6.52	43.4
50	10	247	81.5	17.48	6.3	77.9	16.97	6.5	74.2	16.24	6.6	70.2	14.96	6.8	66.0	13.53	7.0
		494	81.8	17.31	8.1	78.3	16.80	8.2	74.6	16.07	8.3	70.4	14.81	8.4	66.2	13.39	8.5
		741	86.7	17.20	8.7	82.8	16.71	8.7	78.9	15.96	8.8	74.7	14.75	8.8	70.2	13.30	8.9
	15	247	89.7	15.28	10.7	85.8	14.80	10.9	81.7	14.19	11.1	77.2	13.07	11.3	72.6	11.83	11.5
		494	89.7	15.12	12.8	85.8	14.65	12.9	81.7	14.04	13.0	77.2	12.94	13.1	72.6	11.69	13.2
		741	89.7	15.04	13.6	85.8	14.60	13.6	81.7	13.95	13.7	77.2	12.88	13.8	72.6	11.63	13.8
	20	247	89.7	13.43	15.6	85.8	13.04	15.8	81.7	12.48	16.0	77.2	11.51	16.2	72.6	10.39	16.4
		494	89.7	13.30	17.8	85.8	12.93	17.9	81.7	12.36	18.0	77.2	11.39	18.1	72.6	10.30	18.2
		741	89.7	13.25	18.5	85.8	12.86	18.6	81.7	12.30	18.7	77.2	11.34	18.7	72.6	10.24	18.8
	25	247	89.7	11.45	20.5	85.8	11.12	20.7	81.7	10.64	20.9	77.2	9.81	21.1	72.6	8.86	21.3
		494	89.7	11.20	22.7	85.8	10.86	22.8	81.7	10.40	22.9	77.2	9.61	23.0	72.6	8.67	23.1
		741	89.7	11.26	23.5	85.8	10.92	23.6	81.7	10.46	23.6	77.2	9.64	23.7	72.6	8.70	23.8
	30	247	89.7	9.64	25.4	85.8	9.35	25.6	81.7	8.95	25.8	77.2	8.24	26.0	72.6	7.46	26.2
		494	89.7	9.43	27.7	85.8	9.15	27.8	81.7	8.75	27.9	77.2	8.07	28.0	72.6	7.30	28.1
		741	89.7	9.38	28.4	85.8	9.10	28.5	81.7	8.69	28.6	77.2	8.03	28.7	72.6	7.26	28.7
	35	247	89.7	8.74	30.3	85.8	8.49	30.5	81.7	8.11	30.7	77.2	7.49	31.0	72.6	6.77	31.2
		494	89.7	8.55	32.6	85.8	8.31	32.8	81.7	7.95	32.9	77.2	7.33	33.0	72.6	6.62	33.1
		741	89.7	8.43	33.4	85.8	8.18	33.5	81.7	7.83	33.6	77.2	7.23	33.6	72.6	6.53	33.7
	40	247	89.7	7.85	35.2	85.8	7.64	35.5	81.7	7.29	35.7	77.2	6.74	35.9	72.6	6.08	36.1
		494	89.7	7.70	37.6	85.8	7.48	37.7	81.7	7.15	37.8	77.2	6.59	38.0	72.6	5.96	38.1
		741	89.7	7.60	38.4	85.8	7.37	38.5	81.7	7.05	38.6	77.2	6.51	38.6	72.6	5.88	38.7
	45	247	89.7	6.68	40.2	85.8	6.47	40.4	81.7	6.20	40.6	77.2	5.72	40.9	72.6	5.17	41.1
		494	89.7	6.54	42.6	85.8	6.34	42.7	81.7	6.07	42.8	77.2	5.60	42.9	72.6	5.06	43.0
		741	89.7	6.45	43.4	85.8	6.26	43.5	81.7	5.98	43.5	77.2	5.53	43.6	72.6	4.99	43.7

1-22. AM600FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	285	168.1	12.26	19.1	185.2	14.57	20.0	198.8	16.00	20.8	213.1	17.00	21.6	218.4	17.16	21.8
		570	168.0	11.97	14.5	185.2	14.13	15.0	199.1	15.77	15.4	213.1	16.56	15.8	218.7	16.90	15.9
		855	168.2	11.83	13.0	184.7	13.92	13.3	199.3	15.30	13.6	213.0	16.07	13.8	218.8	16.50	13.9
	15	285	165.1	15.77	24.1	181.7	18.74	25.1	196.4	20.83	25.9	209.4	21.83	26.6	214.9	22.27	26.9
		570	165.3	15.53	19.5	181.9	18.36	20.0	196.1	20.46	20.4	209.5	21.49	20.8	214.9	21.93	21.0
		855	165.0	15.18	18.0	181.7	17.89	18.3	196.4	19.82	18.6	209.4	20.78	18.9	215.1	21.44	19.0
	20	285	162.9	18.83	29.1	179.7	22.10	30.2	193.8	24.60	31.0	206.2	25.86	31.7	212.0	26.34	32.0
		570	162.9	18.46	24.6	179.7	21.70	25.1	193.8	24.21	25.5	206.8	25.52	25.8	212.3	26.04	26.0
		855	162.9	17.83	23.0	179.5	21.05	23.4	193.5	23.61	23.6	206.2	24.54	23.9	212.0	25.29	24.0
	25	285	162.8	23.67	34.4	179.6	27.87	35.4	193.5	31.01	36.3	206.4	32.57	37.0	212.3	33.17	37.3
		570	162.8	23.28	29.7	179.7	27.46	30.2	193.9	30.44	30.6	206.2	32.15	31.0	212.3	32.67	31.2
		855	162.8	22.51	28.1	179.7	26.57	28.5	193.9	29.65	28.7	206.6	31.13	29.0	212.3	31.95	29.1
	30	285	163.0	27.73	39.6	179.4	32.68	40.7	193.5	36.35	41.6	206.5	38.13	42.3	212.2	38.94	42.6
		570	163.1	27.28	34.8	179.6	32.16	35.3	193.5	35.82	35.8	206.7	37.63	36.1	212.5	38.36	36.3
		855	163.0	26.41	33.2	179.6	31.09	33.5	193.7	34.68	33.8	206.8	36.40	34.1	212.4	37.36	34.2
	35	285	154.1	28.86	44.2	170.2	34.00	45.3	183.2	37.97	46.1	196.1	39.77	46.9	200.5	40.46	47.1
		570	154.0	28.30	39.6	169.9	33.36	40.1	183.0	37.17	40.5	196.3	39.24	40.9	200.3	40.05	41.0
		855	154.0	27.61	38.0	170.0	32.36	38.4	183.4	36.05	38.7	195.9	37.89	38.9	200.6	38.84	39.0
	40	285	128.6	30.08	48.0	141.7	35.45	48.9	152.8	39.47	49.7	163.4	41.41	50.3	168.0	42.25	50.6
		570	129.7	29.60	44.0	142.9	34.83	44.5	154.2	38.76	44.9	164.6	40.73	45.2	169.3	41.72	45.3
		855	131.7	28.68	42.7	144.7	33.62	43.0	156.0	37.65	43.2	167.5	39.52	43.5	171.9	40.64	43.6
	45	285	107.3	31.11	52.0	117.8	36.57	52.8	126.3	40.84	53.4	135.7	42.68	54.0	139.6	43.61	54.2
		570	108.4	30.60	48.5	118.6	36.02	48.9	127.9	40.06	49.2	136.5	42.25	49.5	140.3	43.12	49.6
		855	109.8	29.57	47.3	120.5	34.77	47.6	129.6	38.91	47.8	138.7	40.82	48.0	142.4	41.98	48.1
120	10	285	159.2	11.64	18.6	175.2	13.79	19.5	188.9	15.18	20.3	201.8	16.04	21.0	206.8	16.22	21.2
		570	159.4	11.47	14.3	175.4	13.52	14.8	189.0	14.92	15.1	201.9	15.68	15.5	206.8	16.00	15.6
		855	159.5	10.96	12.9	175.5	13.22	13.2	189.1	14.45	13.4	201.6	15.24	13.6	207.1	15.78	13.7
	15	285	157.6	15.13	23.7	172.9	17.86	24.6	186.7	19.97	25.4	199.6	20.88	26.1	204.7	21.25	26.4
		570	157.7	14.89	19.3	172.9	17.53	19.8	186.5	19.59	20.2	199.1	20.51	20.5	204.2	20.92	20.7
		855	157.3	14.43	17.9	173.1	17.11	18.2	186.7	18.94	18.4	199.6	19.88	18.7	204.6	20.54	18.8
	20	285	155.7	18.12	28.7	171.2	21.26	29.7	184.8	23.60	30.5	197.8	24.91	31.2	202.8	25.32	31.5
		570	155.8	17.70	24.4	170.9	20.84	24.8	184.6	23.32	25.2	197.8	24.50	25.6	202.5	24.89	25.7
		855	155.9	17.19	22.9	171.3	20.30	23.2	184.8	22.66	23.5	197.7	23.63	23.7	202.6	24.28	23.8
	25	285	156.0	22.72	34.0	171.0	26.68	34.9	184.9	29.68	35.8	197.6	31.21	36.5	202.5	31.82	36.8
		570	156.0	22.27	29.5	171.2	26.35	30.0	184.6	29.23	30.4	197.3	30.71	30.7	202.5	31.32	30.9
		855	155.5	21.54	28.0	171.3	25.43	28.3	185.0	28.46	28.6	197.6	29.78	28.8	202.5	30.48	28.9
	30	285	155.9	26.81	39.2	171.1	31.53	40.2	184.9	35.11	41.1	197.6	36.90	41.8	202.7	37.60	42.1
		570	155.6	26.35	34.6	171.3	30.93	35.1	184.9	34.68	35.5	197.5	36.27	35.9	202.3	36.98	36.0
		855	155.6	25.45	33.0	171.3	30.00	33.4	185.0	33.48	33.7	197.3	35.23	33.9	202.8	36.04	34.0
	35	285	149.8	28.20	44.0	164.8	33.30	45.0	178.3	37.22	45.8	189.7	38.91	46.5	194.8	39.67	46.8
		570	149.4	27.74	39.5	165.1	32.72	40.0	178.1	36.39	40.4	189.9	38.37	40.7	194.9	39.13	40.9
		855	149.5	26.98	38.0	164.9	31.75	38.3	178.1	35.28	38.6	189.6	37.00	38.8	194.6	38.00	38.9
	40	285	127.4	29.99	47.9	140.7	35.41	48.9	151.6	39.37	49.6	161.4	41.38	50.2	166.3	42.26	50.5
		570	128.7	29.55	44.0	141.5	34.76	44.4	152.6	38.69	44.8	162.8	40.68	45.1	167.8	41.56	45.3
		855	130.4	28.57	42.7	143.4	33.72	43.0	154.9	37.60	43.2	165.4	39.51	43.4	170.0	40.50	43.5
	45	285	108.3	31.55	52.0	120.0	37.11	52.9	129.0	41.55	53.6	137.9	43.36	54.1	141.6	44.39	54.4
		570	109.3	31.10	48.5	120.7	36.51	49.0	130.7	40.69	49.3	138.9	42.85	49.6	142.8	43.76	49.7
		855	110.9	29.97	47.4	122.6	35.51	47.7	132.4	39.53	47.9	141.0	41.60	48.1	144.5	42.41	48.1
110	10	285	150.2	10.90	18.1	165.0	13.05	19.0	178.2	14.29	19.7	190.3	15.19	20.3	194.7	15.32	20.6
		570	150.4	10.74	14.1	165.0	12.65	14.5	178.2	14.05	14.8	190.2	14.88	15.2	195.1	15.01	15.3
		855	150.6	10.43	12.7	164.9	12.33	13.0	178.4	13.78	13.2	190.2	14.37	13.4	194.8	14.78	13.5
	15	285	149.2	14.40	23.2	164.1	17.05	24.1	177.1	19.04	24.9	189.5	19.92	25.5	194.1	20.34	25.8
		570	149.0	14.20	19.1	163.7	16.72	19.5	177.2	18.67	19.9	189.5	19.64	20.3	194.2	19.95	20.4
		855	149.1	13.79	17.7	163.8	16.26	18.0	176.8	18.15	18.3	189.2	18.98	18.5	194.5	19.48	18.6
	20	285	148.4	17.42	28.3	163.4	20.40	29.2	176.3	22.73	30.0	187.9	23.84	30.6	193.0	24.28	30.9
		570	148.5	17.04	24.2	163.5	20.02	24.6	176.5	22.34	25.0	188.2	23.47	25.3	192.9	23.92	25.5
		855	148.4	16.53	22.8	163.1	19.44	23.1	176.2	21.76	23.3	188.3	22.73	23.5	193.2	23.21	23.6
	25	285	148.6	21.76	33.6	163.3	25.55	34.5	176.3	28.44	35.3	188.1	29.80	36.0	193.2	30.36	36.2
		570	148.3	21.40	29.3	163.1	25.17	29.7	176.3	27.96	30.1	187.8	29.37	30.5	193.1	29.88	30.6
		855	148.7	20.65	27.8	163.1	24.31	28.1	176.6	27.17	28.4	188.0	28.53	28.6	193.4	29.04	28.7
	30	285	148.7	25.83	38.8	163.4	30.41	39.7	176.5	33.84	40.6	188.0	35.59	41.2	193.3	36.21	41.5
		570	148.5	25.42	34.4	163.2	29.87	34.9	176.4	33.36	35.3	187.9	35.00	35.6	192.9	35.56	35.7
		855	148.4	24.58	32.9	163.2	28.94	33.2	176.2	32.34	33.5	188.2	33.84	33.7	193.0	34.68	33.8
	35	285	145.0	27.64	43.7	160.7	32.62	44.7	172.7	36.43	45.5	184.9	38.03	46.2	189.3	38.77	46.5
		570	145.1	27.10	39.3	160.3	31.96	39.8	172.4	35.64	40.2	184.5	37.47	40.6	189.3	38.22	40.7
		855	145.2	26.38	37.9	160.4	31.00	38.2	172.6	34.48	38.5	184.8	36.21	38.7	189.0	37.04	38.8
	40	285	126.4	29.99	47.9	139.4	35.38	48.8	149.9	39.33	49.5	160.4	41.27	50.1	165.3	42.14	50.4
		570	127.2	29.43	43.9	140.4	34.72	44.4	151.0	38.73	44.8	161.7	40.51	45.1	166.3	41.48	45.2
		855	129.5	28.59	42.6	142.1	33.59	42.9	153.0	37.53	43.2	164.2	39.46	43.4	168.7	40.25	43.5
	45	285	110.5	32.21	52.2	121.7	37.75	53.0	130.8	42.23	53.7	140.5	44.07	54.3	144.4	45.06	54.5
		570	111.5	31.50	48.6	122.6	37.16	49.0	132.2	41.40	49.4	141.6	43.60	49.7	145.3	44.39	49.8
		855	113.0	30.45	47.4	124.4	36.09	47.7	134.0	40.14	47.9	143.8	42.29	48.1	147.6	42.98	48.2

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	285	141.3	10.37	17.6	156.0	12.19	18.5	168.0	13.61	19.1	179.7	14.29	19.8	184.2	14.55	20.0
		570	141.3	10.19	13.8	156.0	11.98	14.2	168.0	13.38	14.6	179.7	14.00	14.9	184.2	14.27	15.0
		855	141.3	9.87	12.5	156.0	11.63	12.8	168.0	12.97	13.0	179.7	13.58	13.2	184.2	13.84	13.3
	15	285	141.3	13.82	22.8	156.0	16.31	23.7	168.0	18.17	24.4	179.7	19.06	25.0	184.2	19.39	25.2
		570	141.3	13.58	18.9	156.0	16.04	19.3	168.0	17.85	19.7	179.7	18.71	20.0	184.2	19.04	20.1
		855	141.3	13.20	17.6	156.0	15.54	17.9	168.0	17.31	18.1	179.7	18.12	18.3	184.2	18.51	18.4
	20	285	141.3	16.67	27.9	156.0	19.66	28.8	168.0	21.85	29.5	179.7	22.97	30.2	184.2	23.36	30.4
		570	141.3	16.38	24.0	156.0	19.30	24.4	168.0	21.48	24.8	179.7	22.55	25.1	184.2	22.99	25.2
		855	141.3	15.87	22.6	156.0	18.70	22.9	168.0	20.87	23.2	179.7	21.87	23.4	184.2	22.26	23.5
	25	285	141.3	20.78	33.2	156.0	24.44	34.1	168.0	27.26	34.8	179.7	28.59	35.5	184.2	29.14	35.7
		570	141.3	20.41	29.1	156.0	24.07	29.5	168.0	26.76	29.9	179.7	28.11	30.2	184.2	28.66	30.4
		855	141.3	19.81	27.7	156.0	23.29	28.0	168.0	26.00	28.3	179.7	27.27	28.5	184.2	27.74	28.6
	30	285	141.3	24.98	38.4	156.0	29.42	39.3	168.0	32.74	40.1	179.7	34.35	40.8	184.2	35.05	41.0
		570	141.3	24.52	34.2	156.0	28.91	34.6	168.0	32.31	35.0	179.7	33.75	35.4	184.2	34.38	35.5
		855	141.3	23.81	32.8	156.0	27.99	33.1	168.0	31.23	33.3	179.7	32.72	33.6	184.2	33.38	33.6
	35	285	141.3	27.10	43.5	156.0	31.95	44.5	168.0	35.64	45.2	179.7	37.36	45.9	184.2	38.06	46.2
		570	141.3	26.63	39.2	156.0	31.36	39.7	168.0	34.94	40.1	179.7	36.72	40.4	184.2	37.42	40.6
		855	141.3	25.86	37.8	156.0	30.41	38.1	168.0	33.90	38.4	179.7	35.53	38.6	184.2	36.19	38.7
	40	285	125.5	30.06	47.8	138.7	35.43	48.8	149.1	39.42	49.5	159.7	41.39	50.1	164.0	42.18	50.4
		570	126.6	29.58	43.9	139.7	34.78	44.4	150.3	38.76	44.8	161.0	40.64	45.1	165.4	41.46	45.2
		855	128.6	28.65	42.6	141.6	33.69	42.9	152.4	37.57	43.2	163.6	39.47	43.4	167.5	40.18	43.5
	45	285	112.7	32.77	52.3	124.3	38.48	53.2	133.5	42.99	53.9	143.3	44.98	54.5	147.2	45.87	54.7
		570	113.8	32.18	48.7	125.3	37.90	49.1	135.0	42.18	49.5	144.4	44.32	49.7	148.3	45.12	49.9
		855	115.3	31.18	47.5	127.2	36.75	47.7	136.9	40.93	48.0	146.8	42.95	48.2	150.3	43.65	48.3
90	10	285	127.2	9.80	16.9	140.1	11.56	17.6	150.9	12.87	18.2	161.7	13.50	18.8	165.9	13.75	19.0
		570	127.2	9.61	13.4	140.1	11.33	13.8	150.9	12.60	14.1	161.7	13.22	14.4	165.9	13.50	14.5
		855	127.2	9.37	12.3	140.1	11.06	12.5	150.9	12.28	12.7	161.7	12.90	12.9	165.9	13.14	13.0
	15	285	127.2	13.11	22.1	140.1	15.41	22.8	150.9	17.16	23.5	161.7	18.01	24.0	165.9	18.36	24.3
		570	127.2	12.85	18.5	140.1	15.11	18.9	150.9	16.86	19.2	161.7	17.65	19.5	165.9	18.00	19.6
		855	127.2	12.50	17.3	140.1	14.76	17.6	150.9	16.44	17.8	161.7	17.22	18.0	165.9	17.55	18.1
	20	285	127.2	15.78	27.2	140.1	18.61	28.0	150.9	20.69	28.6	161.7	21.74	29.2	165.9	22.10	29.5
		570	127.2	15.49	23.6	140.1	18.24	24.0	150.9	20.28	24.3	161.7	21.28	24.6	165.9	21.66	24.7
		855	127.2	15.07	22.4	140.1	17.75	22.6	150.9	19.78	22.9	161.7	20.76	23.1	165.9	21.16	23.1
	25	285	127.2	19.76	32.4	140.1	23.24	33.2	150.9	25.89	33.9	161.7	27.20	34.5	165.9	27.66	34.7
		570	127.2	19.40	28.7	140.1	22.83	29.1	150.9	25.42	29.4	161.7	26.70	29.7	165.9	27.18	29.9
		855	127.2	18.70	27.4	140.1	22.06	27.7	150.9	24.57	27.9	161.7	25.74	28.1	165.9	26.27	28.2
	30	285	127.2	23.65	37.6	140.1	27.88	38.4	150.9	31.03	39.1	161.7	32.57	39.8	165.9	33.19	40.0
		570	127.2	23.22	33.8	140.1	27.38	34.2	150.9	30.46	34.6	161.7	32.00	34.9	165.9	32.52	35.0
		855	127.2	22.61	32.5	140.1	26.67	32.8	150.9	29.71	33.0	161.7	31.13	33.2	165.9	31.73	33.3
	35	285	127.2	25.69	42.7	140.1	30.25	43.6	150.9	33.64	44.3	161.7	35.33	44.9	165.9	36.04	45.2
		570	127.2	25.20	38.8	140.1	29.68	39.3	150.9	33.03	39.6	161.7	34.70	39.9	165.9	35.30	40.1
		855	127.2	24.56	37.5	140.1	28.89	37.8	150.9	32.21	38.1	161.7	33.82	38.3	165.9	34.46	38.4
	40	285	113.1	28.44	47.1	124.8	33.53	48.0	133.9	37.27	48.6	143.8	39.15	49.2	147.5	39.85	49.4
		570	113.8	27.93	43.6	125.8	32.89	44.0	135.0	36.69	44.3	145.2	38.43	44.6	148.5	39.15	44.7
		855	115.6	27.22	42.4	127.4	32.06	42.7	137.3	35.66	42.9	146.9	37.50	43.1	150.8	38.16	43.2
	45	285	101.4	30.93	51.7	111.9	36.51	52.5	120.3	40.60	53.1	129.1	42.64	53.6	132.6	43.45	53.9
		570	102.2	30.37	48.3	113.0	35.84	48.7	121.3	39.92	49.1	130.2	41.82	49.3	133.3	42.57	49.4
		855	127.0	9.84	47.3	114.4	34.87	47.5	123.0	38.88	47.7	132.2	40.76	47.9	135.3	41.51	48.0
80	10	285	113.1	8.57	16.1	124.8	10.25	16.8	134.1	11.44	17.3	143.4	12.01	17.8	147.3	12.21	18.0
		570	113.1	8.31	13.1	124.8	10.10	13.4	134.1	11.26	13.7	143.4	11.80	13.9	147.3	12.03	14.0
		855	113.1	11.74	12.1	124.8	9.87	12.3	134.1	10.98	12.4	143.4	11.55	12.6	147.3	11.77	12.7
	15	285	113.1	11.45	21.3	124.8	13.72	22.0	134.1	15.27	22.5	143.4	16.01	23.0	147.3	16.30	23.2
		570	113.1	11.10	18.1	124.8	13.47	18.5	134.1	15.00	18.7	143.4	15.73	19.0	147.3	16.04	19.1
		855	113.1	14.16	17.1	124.8	13.18	17.3	134.1	14.66	17.5	143.4	15.38	17.7	147.3	15.70	17.7
	20	285	113.1	13.80	26.4	124.8	16.51	27.1	134.1	18.38	27.7	143.4	19.31	28.2	147.3	19.65	28.4
		570	113.1	13.36	23.2	124.8	16.23	23.5	134.1	18.10	23.8	143.4	18.96	24.1	147.3	19.34	24.2
		855	113.1	17.64	22.2	124.8	15.86	22.4	134.1	17.67	22.5	143.4	18.57	22.7	147.3	18.90	22.8
	25	285	113.1	17.34	31.6	124.8	20.79	32.3	134.1	23.18	32.9	143.4	24.34	33.4	147.3	24.77	33.7
		570	113.1	16.76	28.3	124.8	20.38	28.7	134.1	22.64	28.9	143.4	23.77	29.2	147.3	24.23	29.3
		855	113.1	21.08	27.2	124.8	19.71	27.4	134.1	21.98	27.6	143.4	23.02	27.8	147.3	23.44	27.9
	30	285	113.1	20.64	36.7	124.8	24.77	37.5	134.1	27.60	38.1	143.4	28.91	38.7	147.3	29.44	38.9
		570	113.1	20.11	33.3	124.8	24.47	33.8	134.1	27.26	34.1	143.4	28.57	34.3	147.3	29.14	34.4
		855	113.1	22.99	32.3	124.8	23.72	32.5	134.1	26.40	32.7	143.4	27.72	32.9	147.3	28.25	32.9
	35	285	113.1	22.59	41.8	124.8	27.02	42.6	134.1	30.12	43.3	143.4	31.53	43.8	147.3	32.18	44.0
		570	113.1	21.95	38.4	124.8	26.67	38.8	134.1	29.69	39.1	143.4	31.19	39.4	147.3	31.79	39.5
		855	100.6	25.34	37.1	124.8	25.66	37.5	134.1	28.58	37.7	143.4	30.03	37.9	147.3	30.56	38.0
	40	285	101.1	25.00	46.3	110.9	29.97	47.1	119.1	33.31	47.7	127.8	34.97	48.2	130.9	35.60	48.4
		570	102.6	24.30	43.2	111.6	29.56	43.6	120.0	32.91	43.8	128.7	34.56	44.1	132.3	35.19	44.2
		855	90.2	27.57	42.0	113.2	28.47	42.4	122.0	31.67	42.6	130.7	33.22	42.7	133.9	33.92	42.8
	45	285	90.9	27.16	50.9	99.5	32.55	51.6	106.8	36.29	52.2	114.8	38.08	52.7	117.7	38.84	52.9
		570	92.2	26.46	48.0	100.3	32.21	48.3	107.9	35.81	48.6	115.6	37.59	48.9	118.8	38.33	49.0
		855	101.7	8.28	46.8	101.7	30.96	47.2	109.6	34.50	47.4	117.5	36.17	47.6	120.5	36.84	47.6

1-22. AM600FXWANR✳✳✳

1) Cooling

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB/WB)														
			23/16			25/18			27/19			30/22			32/24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	285	99.0	7.22	15.3	109.2	8.50	15.9	117.3	9.49	16.4	125.7	9.94	16.8	129.0	10.14	17.0
		570	99.0	7.14	12.7	109.2	8.40	13.0	117.3	9.38	13.2	125.7	9.82	13.4	129.0	10.03	13.5
		855	99.0	6.88	11.8	109.2	8.09	12.0	117.3	9.02	12.1	125.7	9.47	12.3	129.0	9.65	12.3
	15	285	99.0	9.65	20.5	109.2	11.35	21.1	117.3	12.65	21.5	125.7	13.29	22.0	129.0	13.53	22.2
		570	99.0	9.54	17.7	109.2	11.23	18.0	117.3	12.52	18.3	125.7	13.11	18.5	129.0	13.37	18.6
		855	99.0	9.17	16.8	109.2	10.81	17.0	117.3	12.07	17.2	125.7	12.65	17.3	129.0	12.86	17.4
	20	285	99.0	11.63	25.6	109.2	13.67	26.2	117.3	15.25	26.7	125.7	16.01	27.1	129.0	16.30	27.3
		570	99.0	11.50	22.8	109.2	13.52	23.1	117.3	15.09	23.3	125.7	15.79	23.6	129.0	16.13	23.6
		855	99.0	11.07	21.8	109.2	13.05	22.0	117.3	14.54	22.2	125.7	15.22	22.4	129.0	15.51	22.4
	25	285	99.0	14.53	30.7	109.2	17.10	31.4	117.3	19.06	31.9	125.7	20.00	32.3	129.0	20.37	32.5
		570	99.0	14.33	27.8	109.2	16.84	28.2	117.3	18.76	28.4	125.7	19.70	28.7	129.0	20.05	28.7
		855	99.0	13.85	26.9	109.2	16.32	27.1	117.3	18.16	27.3	125.7	19.09	27.4	129.0	19.44	27.5
	30	285	99.0	17.45	35.9	109.2	20.56	36.5	117.3	22.91	37.1	125.7	24.05	37.5	129.0	24.51	37.7
		570	99.0	17.19	32.9	109.2	20.23	33.3	117.3	22.53	33.5	125.7	23.63	33.8	129.0	24.05	33.8
		855	99.0	16.68	31.9	109.2	19.68	32.2	117.3	21.90	32.3	125.7	22.97	32.5	129.0	23.42	32.6
	35	285	99.0	19.10	40.9	109.2	22.54	41.6	117.3	25.11	42.2	125.7	26.30	42.6	129.0	26.82	42.8
		570	99.0	18.62	38.0	109.2	21.94	38.3	117.3	24.47	38.6	125.7	25.61	38.8	129.0	26.12	38.9
		855	99.0	18.15	37.0	109.2	21.34	37.2	117.3	23.79	37.4	125.7	24.95	37.5	129.0	25.43	37.6
	40	285	87.7	21.16	45.5	97.0	24.96	46.1	104.1	27.83	46.6	111.9	29.16	47.1	114.6	29.74	47.3
		570	88.5	20.67	42.7	97.8	24.30	43.1	105.2	27.07	43.3	112.8	28.39	43.6	115.7	28.97	43.6
		855	89.8	20.08	41.8	99.3	23.68	42.1	106.5	26.39	42.2	114.4	27.64	42.4	117.4	28.17	42.4
	45	285	78.9	23.06	50.1	87.1	27.14	50.7	93.5	30.23	51.2	100.3	31.75	51.6	103.0	32.34	51.8
		570	79.5	22.48	47.6	87.9	26.48	47.9	94.3	29.49	48.1	101.2	30.95	48.3	103.8	31.50	48.4
		855	80.7	21.90	46.7	89.2	25.80	46.9	95.9	28.70	47.1	102.7	30.12	47.2	105.2	30.64	47.3
60	10	285	84.9	5.97	14.6	93.6	7.02	15.1	100.5	7.84	15.4	108.0	8.21	15.8	110.7	8.37	16.0
		570	84.9	5.80	12.3	93.6	6.83	12.5	100.5	7.62	12.7	108.0	8.00	12.9	110.7	8.15	13.0
		855	84.9	5.68	11.5	93.6	6.70	11.7	100.5	7.46	11.8	108.0	7.81	11.9	110.7	7.98	12.0
	15	285	84.9	7.96	19.7	93.6	9.38	20.2	100.5	10.44	20.6	108.0	10.95	21.0	110.7	11.18	21.1
		570	84.9	7.75	17.3	93.6	9.14	17.6	100.5	10.18	17.8	108.0	10.66	18.0	110.7	10.88	18.1
		855	84.9	7.59	16.6	93.6	8.95	16.7	100.5	9.95	16.9	108.0	10.43	17.0	110.7	10.65	17.0
	20	285	84.9	9.59	24.8	93.6	11.30	25.3	100.5	12.58	25.7	108.0	13.20	26.1	110.7	13.47	26.2
		570	84.9	9.36	22.4	93.6	11.00	22.6	100.5	12.24	22.8	108.0	12.87	23.0	110.7	13.11	23.1
		855	84.9	9.13	21.6	93.6	10.79	21.7	100.5	11.98	21.9	108.0	12.59	22.0	110.7	12.83	22.1
	25	285	84.9	11.96	29.9	93.6	14.07	30.4	100.5	15.69	30.8	108.0	16.44	31.3	110.7	16.76	31.4
		570	84.9	11.71	27.4	93.6	13.79	27.7	100.5	15.33	27.9	108.0	16.10	28.1	110.7	16.39	28.2
		855	84.9	11.34	26.6	93.6	13.36	26.8	100.5	14.88	26.9	108.0	15.60	27.1	110.7	15.88	27.1
	30	285	84.9	14.27	35.0	93.6	16.79	35.6	100.5	18.74	36.0	108.0	19.61	36.4	110.7	20.01	36.6
		570	84.9	13.97	32.5	93.6	16.46	32.8	100.5	18.35	33.0	108.0	19.22	33.2	110.7	19.61	33.3
		855	84.9	13.63	31.7	93.6	16.04	31.8	100.5	17.85	32.0	108.0	18.75	32.1	110.7	19.08	32.2
	35	285	84.9	15.47	40.0	93.6	18.21	40.6	100.5	20.31	41.1	108.0	21.30	41.5	110.7	21.72	41.7
		570	84.9	15.36	37.5	93.6	18.08	37.8	100.5	20.16	38.0	108.0	21.14	38.2	110.7	21.49	38.3
		855	84.9	14.84	36.7	93.6	17.51	36.9	100.5	19.47	37.0	108.0	20.46	37.2	110.7	20.85	37.2
	40	285	75.2	17.17	44.6	83.1	20.20	45.2	89.2	22.49	45.6	96.0	23.61	46.0	98.4	24.07	46.2
		570	76.0	16.98	42.3	83.8	19.99	42.6	90.2	22.32	42.8	96.5	23.36	43.0	99.2	23.85	43.1
		855	77.0	16.47	41.6	85.0	19.37	41.7	91.4	21.61	41.9	98.1	22.64	42.0	100.4	23.10	42.1
	45	285	67.5	18.66	49.3	74.6	22.00	49.9	80.3	24.45	50.3	86.0	25.68	50.6	88.1	26.16	50.7
		570	68.3	18.49	47.2	75.4	21.76	47.4	81.0	24.28	47.6	86.7	25.46	47.8	89.1	25.95	47.9
		855	69.2	17.90	46.5	76.2	21.11	46.6	82.0	23.53	46.8	88.1	24.62	46.9	90.2	25.13	46.9
50	10	285	70.5	4.55	13.8	78.0	5.36	14.2	83.7	5.98	14.5	90.0	6.26	14.8	92.1	6.38	15.0
		570	70.5	4.47	11.9	78.0	5.27	12.1	83.7	5.88	12.3	90.0	6.16	12.4	92.1	6.27	12.5
		855	70.5	4.38	11.3	78.0	5.16	11.4	83.7	5.77	11.5	90.0	6.03	11.6	92.1	6.16	11.6
	15	285	70.5	6.08	18.9	78.0	7.16	19.3	83.7	7.98	19.6	90.0	8.36	19.9	92.1	8.53	20.1
		570	70.5	5.98	16.9	78.0	7.03	17.1	83.7	7.84	17.3	90.0	8.23	17.5	92.1	8.36	17.5
		855	70.5	5.87	16.3	78.0	6.90	16.4	83.7	7.70	16.5	90.0	8.07	16.6	92.1	8.21	16.7
	20	285	70.5	7.33	23.9	78.0	8.62	24.4	83.7	9.62	24.7	90.0	10.07	25.0	92.1	10.26	25.1
		570	70.5	7.19	22.0	78.0	8.47	22.2	83.7	9.44	22.3	90.0	9.91	22.5	92.1	10.11	22.6
		855	70.5	7.06	21.3	78.0	8.31	21.4	83.7	9.27	21.6	90.0	9.73	21.7	92.1	9.90	21.7
	25	285	70.5	9.18	29.0	78.0	10.81	29.5	83.7	12.03	29.8	90.0	12.64	30.2	92.1	12.85	30.3
		570	70.5	8.91	27.0	78.0	10.50	27.2	83.7	11.68	27.4	90.0	12.26	27.6	92.1	12.49	27.6
		855	70.5	8.83	26.3	78.0	10.37	26.5	83.7	11.58	26.6	90.0	12.12	26.7	92.1	12.35	26.8
	30	285	70.5	11.06	34.1	78.0	13.06	34.6	83.7	14.54	34.9	90.0	15.24	35.3	92.1	15.52	35.4
		570	70.5	10.78	32.0	78.0	12.65	32.3	83.7	14.10	32.5	90.0	14.80	32.6	92.1	15.07	32.7
		855	70.5	10.55	31.4	78.0	12.44	31.5	83.7	13.86	31.6	90.0	14.52	31.8	92.1	14.79	31.8
	35	285	70.5	12.03	39.2	78.0	14.13	39.6	83.7	15.76	40.0	90.0	16.53	40.4	92.1	16.83	40.5
		570	70.5	11.69	37.1	78.0	13.76	37.3	83.7	15.34	37.5	90.0	16.07	37.7	92.1	16.37	37.7
		855	70.5	11.36	36.4	78.0	13.40	36.5	83.7	14.93	36.7	90.0	15.63	36.8	92.1	15.91	36.8
	40	285	62.7	13.30	43.8	69.4	15.66	44.3	74.5	17.48	44.6	79.9	18.32	44.9	82.0	18.65	45.1
		570	63.4	12.96	41.9	69.9	15.23	42.1	75.0	17.02	42.3	80.5	17.84	42.5	82.6	18.14	42.5
		855	64.2	12.59	41.3	70.9	14.82	41.4	76.2	16.51	41.6	81.7	17.33	41.7	83.7	17.66	41.7
	45	285	56.4	14.51	48.6	62.2	17.08	49.0	66.9	19.03	49.3	71.7	19.95	49.6	73.4	20.30	49.7
		570	56.9	14.10	46.8	62.8	16.58	47.0	67.5	18.50	47.2	72.2	19.40	47.3	74.3	19.79	47.4
		855	57.7	13.69	46.2	63.6	16.12	46.3	68.3	17.99	46.4	73.4	18.88	46.5	75.3	19.23	46.6

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
130	10	285	215.1	45.44	1.5	210.5	43.78	1.6	201.1	42.52	2.0	189.3	39.70	2.5	181.7	36.32	2.7
		570	219.7	43.89	5.6	213.8	43.06	5.7	205.3	41.95	5.9	193.3	38.90	6.1	185.3	35.78	6.2
		855	232.0	44.34	6.9	227.9	43.26	6.9	219.0	41.53	7.0	206.5	38.77	7.2	197.9	36.27	7.3
	15	285	237.5	40.29	5.1	231.2	38.43	5.3	221.9	37.23	5.7	208.0	34.67	6.3	199.8	31.83	6.6
		570	243.6	37.59	9.8	237.7	37.35	10.0	229.2	36.71	10.2	215.5	33.75	10.4	205.3	30.95	10.6
		855	242.2	39.16	11.6	239.2	38.52	11.6	233.5	36.82	11.7	218.6	33.95	11.9	209.7	32.61	12.0
	20	285	243.8	38.25	9.7	239.3	36.60	9.8	230.0	35.17	10.2	216.4	32.07	10.7	206.4	30.52	11.2
		570	248.2	36.12	14.7	245.9	36.06	14.7	237.3	34.87	14.9	223.3	32.82	15.2	214.1	31.46	15.4
		855	247.9	36.48	16.5	244.8	35.81	16.5	241.9	35.41	16.5	226.0	33.12	16.8	216.2	31.88	16.9
	25	285	252.7	35.50	14.1	245.2	34.97	14.4	240.2	34.16	14.6	227.0	32.21	15.2	218.3	30.49	15.6
		570	249.2	34.53	19.6	244.8	35.09	19.7	240.5	33.93	19.8	227.5	32.13	20.1	218.4	30.37	20.3
		855	246.5	34.30	21.4	245.1	33.52	21.5	240.3	33.60	21.5	227.5	31.84	21.7	218.7	29.05	21.8
	30	285	247.2	31.94	19.2	244.8	32.22	19.3	240.2	32.44	19.6	227.5	29.89	20.1	218.2	28.77	20.5
		570	247.4	31.16	24.6	245.0	32.33	24.7	240.2	31.80	24.8	227.0	29.91	25.0	218.8	27.40	25.2
		855	247.4	30.90	26.4	244.8	30.50	26.4	240.6	31.11	26.5	227.6	28.68	26.7	218.3	28.01	26.8
	35	285	247.5	30.02	24.1	245.1	31.02	24.2	240.6	32.13	24.5	227.3	29.30	25.0	218.6	27.03	25.4
		570	247.5	30.08	29.5	245.4	31.45	29.6	240.5	31.67	29.7	227.4	29.48	30.0	218.4	26.96	30.2
		855	247.9	29.58	31.3	244.8	30.39	31.4	240.5	30.90	31.5	227.1	28.14	31.7	218.3	25.82	31.8
	40	285	247.9	27.92	28.9	245.0	29.07	29.1	240.8	31.09	29.5	227.0	28.53	30.0	218.8	26.47	30.3
		570	247.6	28.02	34.5	244.8	29.46	34.6	240.6	30.18	34.7	227.1	28.21	35.0	218.3	26.01	35.2
		855	247.2	27.78	36.3	245.2	28.26	36.4	240.8	30.37	36.5	227.4	27.70	36.7	218.7	25.54	36.8
	45	285	247.4	24.65	33.8	244.9	25.82	34.0	240.2	28.90	34.4	227.0	26.62	34.9	218.7	24.79	35.2
		570	247.4	24.84	39.4	245.4	26.28	39.5	240.6	27.41	39.6	227.3	25.61	39.9	218.5	23.97	40.1
		855	247.5	24.95	41.3	245.0	24.87	41.3	240.6	28.74	41.4	227.1	25.92	41.6	218.5	24.37	41.7
120	10	285	205.1	45.08	2.0	200.4	43.59	2.1	191.5	42.29	2.5	180.0	39.10	2.9	172.0	35.79	3.1
		570	208.6	44.58	5.9	203.3	43.38	6.0	193.3	42.00	6.2	183.1	38.64	6.4	174.6	35.14	6.5
		855	220.5	43.82	7.0	213.3	42.69	7.1	206.4	41.54	7.2	194.8	38.38	7.4	186.3	35.07	7.5
	15	285	226.5	39.53	5.6	219.7	38.10	5.9	211.2	36.73	6.2	198.7	34.13	6.7	188.9	31.32	7.1
		570	229.9	38.82	10.2	225.4	38.04	10.3	216.1	36.66	10.5	203.2	33.77	10.7	192.9	30.53	10.9
		855	229.2	38.21	11.8	223.2	37.30	11.9	218.1	36.80	12.0	205.5	33.96	12.1	195.2	30.78	12.2
	20	285	230.4	36.66	10.3	225.4	35.18	10.4	216.4	33.57	10.8	203.9	31.09	11.3	193.4	29.57	11.8
		570	233.4	35.60	15.0	230.2	35.30	15.1	221.5	33.98	15.3	208.2	31.69	15.6	198.9	29.73	15.7
		855	232.4	35.53	16.7	226.3	34.71	16.8	224.4	34.21	16.8	210.6	31.98	17.0	200.3	30.26	17.2
	25	285	237.2	33.63	14.8	228.7	32.41	15.1	223.2	31.65	15.4	210.7	29.64	15.9	201.8	27.96	16.3
		570	234.4	32.62	19.9	228.9	32.50	20.1	222.7	31.83	20.2	210.6	29.47	20.4	202.0	27.88	20.6
		855	234.0	31.27	21.6	229.0	31.02	21.7	222.7	31.27	21.8	210.9	29.96	22.0	202.3	26.59	22.1
	30	285	233.8	29.53	19.7	228.7	29.70	20.0	222.7	29.57	20.3	210.3	26.88	20.8	201.9	25.75	21.1
		570	234.0	28.87	24.8	229.1	29.41	25.0	223.1	29.11	25.1	210.5	26.77	25.4	202.3	24.48	25.5
		855	233.7	27.85	26.5	229.0	27.86	26.6	223.1	28.34	26.7	210.6	26.41	26.9	202.3	25.06	27.0
	35	285	234.2	27.69	24.6	229.0	28.10	24.9	223.1	28.79	25.2	210.3	26.16	25.7	202.1	24.05	26.0
		570	233.8	27.09	29.8	228.5	27.99	30.0	223.3	27.77	30.1	210.8	25.65	30.3	202.0	23.47	30.5
		855	233.5	26.18	31.5	228.7	27.31	31.6	222.9	27.88	31.7	210.5	25.22	31.9	202.1	23.09	32.0
	40	285	234.0	25.68	29.5	228.7	25.87	29.8	222.8	27.19	30.2	210.8	24.79	30.6	201.9	22.93	31.0
		570	233.7	24.70	34.7	228.6	25.74	34.9	223.1	26.19	35.0	210.4	24.40	35.3	201.9	22.35	35.5
		855	234.1	24.65	36.5	228.8	24.73	36.6	223.2	26.45	36.7	210.9	23.94	36.9	202.3	21.98	37.0
	45	285	233.6	22.73	34.4	229.0	22.58	34.6	222.9	24.59	35.0	210.7	22.51	35.5	201.9	20.83	35.9
		570	234.0	21.31	39.7	229.1	22.26	39.8	223.2	23.65	40.0	210.4	21.98	40.3	202.1	20.40	40.4
		855	234.2	22.21	41.4	228.6	21.29	41.5	223.1	24.03	41.7	210.7	21.55	41.8	202.3	20.07	41.9
110	10	285	196.1	45.55	2.4	190.4	43.86	2.6	181.0	42.45	3.0	171.1	39.09	3.4	162.0	35.87	3.7
		570	198.7	44.79	6.1	192.2	43.35	6.3	182.7	41.94	6.5	173.2	38.69	6.6	163.9	35.15	6.8
		855	209.5	44.17	7.2	203.9	42.63	7.3	194.6	41.24	7.4	183.6	38.07	7.6	174.0	35.09	7.7
	15	285	216.3	39.79	6.1	208.7	38.47	6.4	199.6	36.96	6.8	188.6	34.13	7.2	178.3	31.30	7.6
		570	218.1	38.49	10.5	212.3	37.96	10.6	202.3	36.65	10.8	190.3	33.76	11.1	180.4	30.48	11.2
		855	217.7	38.34	12.0	211.6	37.35	12.1	203.8	36.10	12.2	191.4	33.22	12.3	181.2	30.83	12.5
	20	285	218.5	35.53	10.8	211.8	34.63	11.1	202.8	33.06	11.5	190.1	30.56	12.0	180.6	28.65	12.4
		570	220.1	34.78	15.3	213.9	34.13	15.5	205.0	32.88	15.7	193.2	30.70	15.9	182.4	28.32	16.1
		855	220.1	35.17	16.9	213.8	33.95	17.0	207.3	33.14	17.1	194.6	30.22	17.2	184.4	28.71	17.4
	25	285	222.1	31.33	15.4	213.4	30.41	15.8	206.4	29.80	16.1	194.4	27.54	16.6	184.8	25.46	17.0
		570	220.5	30.74	20.2	213.7	30.24	20.4	206.3	29.60	20.6	194.6	27.38	20.8	184.9	25.27	21.0
		855	220.3	31.19	21.8	213.8	30.28	21.9	206.4	29.09	22.0	194.5	27.84	22.2	185.1	24.10	22.3
	30	285	220.3	26.35	20.2	213.5	26.81	20.6	206.3	26.28	20.9	194.6	24.36	21.4	184.9	22.32	21.8
		570	220.2	26.17	25.1	213.5	26.60	25.3	206.7	25.80	25.5	194.4	24.14	25.7	184.8	21.49	25.9
		855	220.1	26.19	26.7	213.4	25.34	26.8	206.6	25.08	27.0	194.6	23.12	27.1	184.7	22.00	27.3
	35	285	220.6	24.52	25.1	213.7	24.55	25.5	206.3	24.93	25.9	194.7	22.48	26.3	184.9	20.51	26.7
		570	220.7	24.46	30.1	213.6	25.02	30.3	206.1	24.35	30.4	194.6	22.48	30.7	185.0	20.36	30.9
		855	220.4	23.13	31.7	213.3	23.84	31.8	206.4	23.69	31.9	194.6	22.08	32.1	184.7	20.01	32.2
	40	285	220.7	22.17	30.0	213.3	22.89	30.4	206.5	23.33	30.8	194.3	21.10	31.3	184.8	19.32	31.7
		570	220.2	22.16	35.0	213.7	22.75	35.2	206.3	22.29	35.4	194.3	21.14	35.6	185.1	19.26	35.8
		855	220.1	22.03	36.7	213.6	21.55	36.8	206.3	22.48	36.9	194.3	19.91	37.1	184.8	18.13	37.2
	45	285	220.6	19.02	34.9	213.5	20.05	35.3	206.6	20.86	35.7	194.3	18.95	36.2	184.8	17.34	36.6
		570	220.3	18.95	39.9	213.9	19.53	40.1	206.3	19.30	40.3	194.6	18.81	40.6	184.9	17.35	40.8
		855	220.2	20.19	41.6	213.8	18.43	41.7	206.3	20.49	41.9	194.4	16.92	42.0	185.0	15.53	42.2

1-22. AM600FXWANR✳✳✳

2) Heating

TC : Total Capacity, PI : Power Input, LWT : Leaving Water Temperature

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
100	10	285	187.7	45.83	2.9	180.0	44.51	3.2	171.3	42.66	3.5	161.7	39.35	3.8	152.3	35.51	4.1
		570	189.1	45.50	6.4	180.8	44.12	6.6	171.8	42.26	6.7	162.6	38.90	6.9	153.0	35.13	7.0
		855	200.0	44.69	7.4	191.6	43.38	7.5	182.1	41.51	7.6	172.1	38.26	7.8	161.9	34.59	7.9
	15	285	207.0	40.07	6.6	198.0	38.90	7.0	189.0	37.22	7.4	178.2	34.34	7.8	167.4	31.04	8.1
		570	207.0	39.74	10.8	198.0	38.56	11.0	189.0	36.93	11.2	178.2	33.98	11.4	167.4	30.71	11.6
		855	207.0	38.98	12.2	198.0	37.93	12.3	189.0	36.28	12.4	178.2	33.42	12.6	167.4	30.24	12.7
	20	285	207.0	35.31	11.4	198.0	34.28	11.8	189.0	32.77	12.1	178.2	30.23	12.6	167.4	27.33	13.0
		570	207.0	34.99	15.7	198.0	33.96	15.9	189.0	32.58	16.1	178.2	29.93	16.3	167.4	27.03	16.5
		855	207.0	34.37	17.1	198.0	33.35	17.2	189.0	31.95	17.4	178.2	29.40	17.5	167.4	26.57	17.6
	25	285	207.0	29.98	16.1	198.0	29.10	16.5	189.0	27.78	16.9	178.2	25.65	17.3	167.4	23.15	17.7
		570	207.0	29.61	20.5	198.0	28.76	20.7	189.0	27.54	20.9	178.2	25.39	21.2	167.4	22.92	21.4
		855	207.0	29.11	22.0	198.0	28.29	22.2	189.0	27.06	22.3	178.2	25.00	22.4	167.4	22.54	22.6
	30	285	207.0	25.05	20.8	198.0	24.34	21.3	189.0	23.25	21.7	178.2	21.44	22.1	167.4	19.40	22.6
		570	207.0	24.82	25.4	198.0	24.12	25.6	189.0	23.06	25.8	178.2	21.24	26.1	167.4	19.18	26.3
		855	207.0	24.37	26.9	198.0	23.69	27.1	189.0	22.68	27.2	178.2	20.92	27.4	167.4	18.85	27.5
	35	285	207.0	22.76	25.7	198.0	22.13	26.2	189.0	21.14	26.6	178.2	19.51	27.0	167.4	17.59	27.5
		570	207.0	22.55	30.4	198.0	21.87	30.6	189.0	20.95	30.8	178.2	19.33	31.0	167.4	17.46	31.2
		855	207.0	22.17	31.9	198.0	21.53	32.0	189.0	20.59	32.2	178.2	19.00	32.3	167.4	17.15	32.5
	40	285	207.0	20.47	30.6	198.0	19.91	31.0	189.0	19.01	31.5	178.2	17.53	31.9	167.4	15.86	32.4
		570	207.0	20.28	35.3	198.0	19.71	35.5	189.0	18.85	35.7	178.2	17.40	36.0	167.4	15.69	36.2
		855	207.0	19.94	36.9	198.0	19.38	37.0	189.0	18.50	37.1	178.2	17.07	37.3	167.4	15.41	37.5
	45	285	207.0	17.42	35.5	198.0	16.86	35.9	189.0	16.13	36.3	178.2	14.92	36.8	167.4	13.45	37.3
		570	207.0	17.22	40.2	198.0	16.70	40.4	189.0	15.97	40.6	178.2	14.76	40.9	167.4	13.32	41.1
		855	207.0	16.93	41.8	198.0	16.41	42.0	189.0	15.73	42.1	178.2	14.49	42.3	167.4	13.11	42.4
90	10	285	169.4	43.40	3.7	161.7	42.17	4.0	153.9	40.31	4.3	145.9	37.26	4.5	136.9	33.59	4.8
		570	170.2	42.87	6.8	162.3	41.62	7.0	154.9	39.81	7.1	146.5	36.80	7.2	137.7	33.20	7.4
		855	179.8	42.40	7.7	172.3	41.19	7.8	163.8	39.39	7.9	155.0	36.35	8.0	145.6	32.83	8.1
	15	285	186.3	37.96	7.5	178.2	36.90	7.9	169.8	35.23	8.2	160.5	32.52	8.6	150.9	29.42	8.9
		570	186.3	37.48	11.3	178.2	36.35	11.4	169.8	34.79	11.6	160.5	32.13	11.8	150.9	28.99	11.9
		855	186.3	37.02	12.5	178.2	35.94	12.6	169.8	34.41	12.7	160.5	31.75	12.8	150.9	28.67	13.0
	20	285	186.3	33.38	12.3	178.2	32.46	12.7	169.8	31.05	13.0	160.5	28.66	13.4	150.9	25.84	13.7
		570	186.3	33.01	16.1	178.2	32.01	16.3	169.8	30.62	16.5	160.5	28.26	16.7	150.9	25.54	16.8
		855	186.3	32.58	17.4	178.2	31.65	17.5	169.8	30.29	17.7	160.5	27.93	17.8	150.9	25.24	17.9
	25	285	186.3	28.49	17.1	178.2	27.64	17.4	169.8	26.43	17.8	160.5	24.39	18.2	150.9	22.00	18.5
		570	186.3	28.16	21.0	178.2	27.28	21.2	169.8	26.09	21.4	160.5	24.08	21.6	150.9	21.74	21.8
		855	186.3	27.55	22.3	178.2	26.72	22.5	169.8	25.61	22.6	160.5	23.63	22.7	150.9	21.34	22.8
	30	285	186.3	23.75	21.8	178.2	23.07	22.2	169.8	22.08	22.6	160.5	20.37	23.0	150.9	18.40	23.3
		570	186.3	23.47	25.9	178.2	22.78	26.1	169.8	21.78	26.3	160.5	20.10	26.5	150.9	18.15	26.7
		855	186.3	23.22	27.3	178.2	22.50	27.4	169.8	21.58	27.5	160.5	19.89	27.6	150.9	17.96	27.8
	35	285	186.3	21.53	26.7	178.2	20.90	27.1	169.8	19.98	27.5	160.5	18.48	27.9	150.9	16.67	28.2
		570	186.3	21.27	30.9	178.2	20.66	31.0	169.8	19.76	31.2	160.5	18.27	31.4	150.9	16.49	31.6
		855	186.3	21.03	32.2	178.2	20.42	32.4	169.8	19.55	32.5	160.5	18.06	32.6	150.9	16.28	32.7
	40	285	186.3	19.39	31.6	178.2	18.82	32.0	169.8	17.98	32.4	160.5	16.59	32.8	150.9	14.99	33.2
		570	186.3	19.19	35.8	178.2	18.62	36.0	169.8	17.81	36.2	160.5	16.43	36.4	150.9	14.83	36.6
		855	186.3	18.93	37.2	178.2	18.39	37.3	169.8	17.60	37.4	160.5	16.22	37.6	150.9	14.68	37.7
	45	285	186.3	16.46	36.5	178.2	15.96	36.8	169.8	15.28	37.2	160.5	14.10	37.6	150.9	12.72	38.1
		570	186.3	16.28	40.7	178.2	15.78	40.9	169.8	15.13	41.1	160.5	13.96	41.3	150.9	12.60	41.5
		855	186.3	16.10	42.1	178.2	15.60	42.3	169.8	14.94	42.4	160.5	13.78	42.5	150.9	12.46	42.7
80	10	285	150.6	38.63	4.4	143.6	37.47	4.7	136.8	35.84	4.9	129.5	33.12	5.2	121.5	29.91	5.4
		570	151.0	38.18	7.2	144.7	37.15	7.3	137.5	35.45	7.4	130.2	32.77	7.6	122.3	29.59	7.7
		855	160.2	37.87	7.9	153.1	36.76	8.0	145.8	35.23	8.1	137.8	32.47	8.2	129.5	29.38	8.3
	15	285	165.3	33.72	8.4	158.4	32.76	8.7	150.9	31.35	9.0	142.2	28.88	9.3	134.1	26.08	9.6
		570	165.3	33.39	11.7	158.4	32.42	11.8	150.9	31.06	12.0	142.2	28.62	12.1	134.1	25.89	12.3
		855	165.3	33.12	12.8	158.4	32.14	12.9	150.9	30.76	13.0	142.2	28.40	13.1	134.1	25.60	13.2
	20	285	165.3	29.66	13.2	158.4	28.83	13.5	150.9	27.55	13.8	142.2	25.44	14.1	134.1	22.95	14.4
		570	165.3	29.44	16.6	158.4	28.53	16.7	150.9	27.34	16.9	142.2	25.15	17.1	134.1	22.77	17.2
		855	165.3	29.13	17.7	158.4	28.30	17.8	150.9	27.11	17.9	142.2	24.97	18.0	134.1	22.57	18.1
	25	285	165.3	25.48	18.0	158.4	24.70	18.3	150.9	23.65	18.6	142.2	21.82	18.9	134.1	19.71	19.2
		570	165.3	25.07	21.5	158.4	24.35	21.6	150.9	23.27	21.8	142.2	21.51	22.0	134.1	19.42	22.1
		855	165.3	24.61	22.6	158.4	23.93	22.7	150.9	22.92	22.9	142.2	21.13	23.0	134.1	19.05	23.1
	30	285	165.3	21.09	22.7	158.4	20.47	23.1	150.9	19.59	23.4	142.2	18.08	23.8	134.1	16.35	24.1
		570	165.3	21.01	26.4	158.4	20.38	26.5	150.9	19.49	26.7	142.2	17.99	26.9	134.1	16.24	27.0
		855	165.3	20.67	27.6	158.4	20.05	27.7	150.9	19.18	27.8	142.2	17.68	27.9	134.1	15.97	28.0
	35	285	165.3	19.24	27.7	158.4	18.71	28.0	150.9	17.89	28.3	142.2	16.48	28.7	134.1	14.90	29.0
		570	165.3	19.16	31.3	158.4	18.57	31.5	150.9	17.77	31.7	142.2	16.41	31.8	134.1	14.81	32.0
		855	165.3	18.69	32.5	158.4	18.16	32.6	150.9	17.37	32.8	142.2	16.04	32.9	134.1	14.49	33.0
	40	285	165.3	17.33	32.6	158.4	16.82	32.9	150.9	16.09	33.2	142.2	14.84	33.6	134.1	13.41	33.9
		570	165.3	17.22	36.3	158.4	16.74	36.4	150.9	15.99	36.6	142.2	14.73	36.8	134.1	13.33	37.0
		855	165.3	16.84	37.5	158.4	16.36	37.6	150.9	15.62	37.7	142.2	14.39	37.9	134.1	13.01	38.0
	45	285	165.3	14.69	37.4	158.4	14.28	37.8	150.9	13.67	38.1	142.2	12.61	38.5	134.1	11.39	38.8
		570	165.3	14.63	41.2	158.4	14.20	41.4	150.9	13.56	41.5	142.2	12.51	41.7	134.1	11.31	41.9
		855	165.3	14.29	42.5	158.4	13.86	42.6	150.9	13.26	42.7	142.2	12.26	42.8	134.1	11.06	42.9

Combi. (%)	Inlet Water Temp. (°C)	Water Flow Rate (LPM)	Indoor Temperature(°C, DB)														
			16			18			20			22			24		
			TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT	TC	PI	LWT
70	10	285	131.6	31.95	5.0	126.0	31.01	5.2	120.0	29.73	5.5	113.4	27.44	5.7	106.5	24.73	5.9
		570	132.1	31.82	7.5	126.6	30.94	7.6	120.3	29.60	7.7	113.9	27.27	7.8	107.0	24.63	7.9
		855	140.2	31.13	8.2	134.0	30.22	8.3	127.6	28.95	8.3	120.8	26.64	8.4	113.3	24.12	8.5
	15	285	144.9	27.99	9.1	138.6	27.17	9.4	132.0	25.99	9.7	124.8	23.96	9.9	117.3	21.63	10.2
		570	144.9	27.85	12.1	138.6	27.02	12.2	132.0	25.87	12.3	124.8	23.82	12.5	117.3	21.56	12.6
		855	144.9	27.22	13.0	138.6	26.44	13.1	132.0	25.25	13.2	124.8	23.28	13.3	117.3	21.05	13.4
	20	285	144.9	24.58	13.9	138.6	23.88	14.2	132.0	22.88	14.5	124.8	21.11	14.8	117.3	19.06	15.1
		570	144.9	24.50	17.0	138.6	23.76	17.1	132.0	22.73	17.3	124.8	21.00	17.4	117.3	18.96	17.5
		855	144.9	23.95	18.0	138.6	23.28	18.1	132.0	22.24	18.2	124.8	20.50	18.3	117.3	18.55	18.3
	25	285	144.9	20.98	18.8	138.6	20.34	19.1	132.0	19.49	19.3	124.8	17.97	19.6	117.3	16.24	19.9
		570	144.9	20.76	21.9	138.6	20.19	22.0	132.0	19.29	22.2	124.8	17.81	22.3	117.3	16.06	22.5
		855	144.9	20.39	22.9	138.6	19.79	23.0	132.0	18.96	23.1	124.8	17.48	23.2	117.3	15.80	23.3
	30	285	144.9	17.54	23.6	138.6	17.04	23.9	132.0	16.27	24.2	124.8	14.99	24.5	117.3	13.56	24.8
		570	144.9	17.37	26.8	138.6	16.88	26.9	132.0	16.13	27.1	124.8	14.90	27.2	117.3	13.43	27.4
		855	144.9	17.11	27.9	138.6	16.62	28.0	132.0	15.89	28.1	124.8	14.67	28.2	117.3	13.25	28.3
	35	285	144.9	16.03	28.5	138.6	15.59	28.8	132.0	14.88	29.1	124.8	13.73	29.4	117.3	12.41	29.7
		570	144.9	15.73	31.8	138.6	15.30	31.9	132.0	14.60	32.0	124.8	13.50	32.2	117.3	12.18	32.4
		855	144.9	15.57	32.8	138.6	15.12	32.9	132.0	14.44	33.0	124.8	13.33	33.1	117.3	12.03	33.2
	40	285	144.9	14.44	33.4	138.6	14.01	33.7	132.0	13.41	34.0	124.8	12.38	34.3	117.3	11.18	34.7
		570	144.9	14.17	36.7	138.6	13.74	36.9	132.0	13.17	37.0	124.8	12.12	37.2	117.3	10.98	37.3
		855	144.9	14.01	37.8	138.6	13.60	37.9	132.0	13.01	38.0	124.8	11.99	38.1	117.3	10.83	38.2
	45	285	144.9	12.25	38.3	138.6	11.90	38.6	132.0	11.39	38.9	124.8	10.48	39.3	117.3	9.49	39.6
		570	144.9	12.04	41.7	138.6	11.69	41.8	132.0	11.17	42.0	124.8	10.30	42.1	117.3	9.32	42.3
		855	144.9	11.89	42.8	138.6	11.52	42.9	132.0	11.05	43.0	124.8	10.18	43.1	117.3	9.20	43.2
60	10	285	112.8	26.43	5.7	107.9	25.67	5.9	102.7	24.56	6.1	97.2	22.61	6.2	91.4	20.44	6.4
		570	113.2	25.90	7.8	108.3	25.15	7.9	103.3	24.09	8.0	97.6	22.21	8.1	91.6	20.07	8.2
		855	120.0	25.73	8.4	114.9	24.99	8.5	109.2	23.91	8.6	103.4	22.02	8.6	97.2	19.88	8.7
	15	285	124.2	23.07	9.9	118.8	22.40	10.2	113.1	21.47	10.4	107.1	19.76	10.6	100.5	17.88	10.8
		570	124.2	22.64	12.4	118.8	21.98	12.6	113.1	21.04	12.7	107.1	19.41	12.8	100.5	17.53	12.9
		855	124.2	22.50	13.3	118.8	21.84	13.4	113.1	20.87	13.5	107.1	19.24	13.5	100.5	17.39	13.6
	20	285	124.2	20.32	14.8	118.8	19.74	15.0	113.1	18.90	15.3	107.1	17.39	15.5	100.5	15.74	15.7
		570	124.2	19.91	17.4	118.8	19.37	17.5	113.1	18.49	17.6	107.1	17.06	17.7	100.5	15.41	17.9
		855	124.2	19.79	18.2	118.8	19.19	18.3	113.1	18.36	18.4	107.1	16.93	18.5	100.5	15.30	18.6
	25	285	124.2	17.19	19.6	118.8	16.72	19.9	113.1	16.00	20.1	107.1	14.74	20.4	100.5	13.32	20.6
		570	124.2	16.99	22.3	118.8	16.49	22.4	113.1	15.76	22.6	107.1	14.56	22.7	100.5	13.14	22.8
		855	124.2	16.70	23.2	118.8	16.18	23.3	113.1	15.48	23.4	107.1	14.28	23.4	100.5	12.93	23.5
	30	285	124.2	14.31	24.5	118.8	13.92	24.7	113.1	13.30	25.0	107.1	12.28	25.2	100.5	11.08	25.5
		570	124.2	14.11	27.2	118.8	13.70	27.4	113.1	13.13	27.5	107.1	12.10	27.6	100.5	10.91	27.7
		855	124.2	13.98	28.2	118.8	13.57	28.2	113.1	12.97	28.3	107.1	11.95	28.4	100.5	10.80	28.5
	35	285	124.2	12.99	29.4	118.8	12.61	29.7	113.1	12.04	29.9	107.1	11.14	30.2	100.5	10.04	30.5
		570	124.2	12.99	32.2	118.8	12.57	32.3	113.1	12.04	32.5	107.1	11.10	32.6	100.5	10.04	32.7
		855	124.2	12.74	33.1	118.8	12.37	33.2	113.1	11.82	33.3	107.1	10.92	33.4	100.5	9.85	33.5
	40	285	124.2	11.68	34.3	118.8	11.33	34.6	113.1	10.84	34.9	107.1	10.02	35.1	100.5	9.05	35.4
		570	124.2	11.65	37.2	118.8	11.33	37.3	113.1	10.85	37.4	107.1	9.99	37.6	100.5	9.04	37.7
		855	124.2	11.44	38.1	118.8	11.13	38.2	113.1	10.62	38.3	107.1	9.82	38.4	100.5	8.86	38.5
	45	285	124.2	9.91	39.3	118.8	9.62	39.5	113.1	9.20	39.8	107.1	8.50	40.0	100.5	7.67	40.3
		570	124.2	9.90	42.1	118.8	9.63	42.3	113.1	9.21	42.4	107.1	8.48	42.5	100.5	7.66	42.7
		855	124.2	9.73	43.1	118.8	9.43	43.2	113.1	9.02	43.3	107.1	8.33	43.3	100.5	7.52	43.4
50	10	285	94.0	20.17	6.3	89.9	19.58	6.5	85.6	18.74	6.6	81.0	17.27	6.8	76.1	15.62	7.0
		570	94.4	19.97	8.1	90.4	19.40	8.2	86.0	18.56	8.3	81.2	17.08	8.4	76.3	15.46	8.5
		855	100.1	19.84	8.7	95.5	19.29	8.7	91.0	18.42	8.8	86.2	17.02	8.8	81.0	15.35	8.9
	15	285	103.5	17.64	10.7	99.0	17.08	10.9	94.2	16.38	11.1	89.1	15.09	11.3	83.7	13.65	11.5
		570	103.5	17.46	12.8	99.0	16.91	12.9	94.2	16.20	13.0	89.1	14.93	13.1	83.7	13.48	13.2
		855	103.5	17.35	13.6	99.0	16.84	13.6	94.2	16.09	13.7	89.1	14.86	13.8	83.7	13.42	13.8
	20	285	103.5	15.50	15.6	99.0	15.05	15.8	94.2	14.41	16.0	89.1	13.29	16.2	83.7	11.99	16.4
		570	103.5	15.35	17.8	99.0	14.92	17.9	94.2	14.27	18.0	89.1	13.14	18.1	83.7	11.89	18.2
		855	103.5	15.29	18.5	99.0	14.84	18.6	94.2	14.20	18.7	89.1	13.10	18.7	83.7	11.81	18.8
	25	285	103.5	13.21	20.5	99.0	12.82	20.7	94.2	12.27	20.9	89.1	11.32	21.1	83.7	10.23	21.3
		570	103.5	12.92	22.7	99.0	12.53	22.8	94.2	12.00	22.9	89.1	11.09	23.0	83.7	10.00	23.1
		855	103.5	12.99	23.5	99.0	12.61	23.6	94.2	12.07	23.6	89.1	11.13	23.7	83.7	10.04	23.8
	30	285	103.5	11.13	25.4	99.0	10.79	25.6	94.2	10.33	25.8	89.1	9.51	26.0	83.7	8.61	26.2
		570	103.5	10.89	27.7	99.0	10.56	27.8	94.2	10.09	27.9	89.1	9.31	28.0	83.7	8.43	28.1
		855	103.5	10.83	28.4	99.0	10.50	28.5	94.2	10.03	28.6	89.1	9.27	28.7	83.7	8.37	28.7
	35	285	103.5	10.09	30.3	99.0	9.80	30.5	94.2	9.35	30.7	89.1	8.65	31.0	83.7	7.81	31.2
		570	103.5	9.87	32.6	99.0	9.59	32.8	94.2	9.16	32.9	89.1	8.46	33.0	83.7	7.65	33.1
		855	103.5	9.73	33.4	99.0	9.45	33.5	94.2	9.04	33.6	89.1	8.35	33.6	83.7	7.54	33.7
	40	285	103.5	9.06	35.3	99.0	8.82	35.5	94.2	8.42	35.7	89.1	7.78	35.9	83.7	7.01	36.1
		570	103.5	8.88	37.6	99.0	8.63	37.7	94.2	8.25	37.8	89.1	7.61	38.0	83.7	6.89	38.1
		855	103.5	8.78	38.4	99.0	8.50	38.5	94.2	8.14	38.6	89.1	7.52	38.6	83.7	6.78	38.7
	45	285	103.5	7.70	40.2	99.0	7.47	40.4	94.2	7.15	40.6	89.1	6.60	40.9	83.7	5.96	41.1
		570	103.5	7.54	42.6	99.0	7.32	42.7	94.2	7.00	42.8	89.1	6.47	42.9	83.7	5.84	43.0
		855	103.5	7.44	43.4	99.0	7.23	43.5	94.2	6.91	43.5	89.1	6.38	43.6	83.7	5.75	43.7

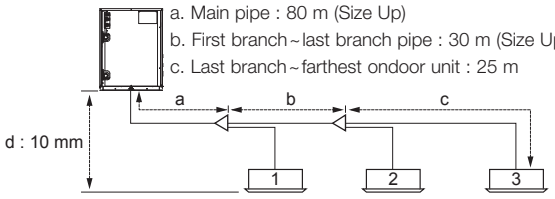
2 Capacity correction

2-1. Capacity correction factor

1. Correction coefficient(α) represents the capacity change rate of the system during the maximum load operation in the standard condition. (The correction coefficient(α) value is not much different from that of the standard condition.)
2. When the equivalent length of main pipe is 90m or more between the outdoor unit and the farthest indoor unit, the diameter of the main gas and liquid pipes must be increased by one grade larger.
3. When the pipe length after the first refrigerant branch kit is 45m or more, the diameter of the gas and liquid pipes between first and final branch kit must be increased by one grade larger.
4. In this cases, correction coefficient(α) is measured as below based on the overall equivalent length.
   → The overall equivalent length = (Equivalent length of main pipe x correction factor)
   + (Equivalent length of first branch ~ last branch pipe x correction factor)
   + (Equivalent length of last branch ~ farthest indoor unit)

	Correction Factor	
	Standard Size	Size Increase
Cooling	1	0.5
Heating	1	0.2

ex) When the condition is System 8HP



① Cooling : The overall equivalent length = 80 x 0.5 + 30 x 0.5 + 25 = 80m
② Heating : The overall equivalent length = 80 x 0.2 + 30 x 0.2 + 25 = 47m
Heating correction coefficient(α) = 0.97

5. The correction coefficient(α) can be reduced according to the condition of pipe insulation.

1) AM080FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.92	0.91	0.90	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.81	0.80	0.79
	40	-	-	-	-	0.94	0.92	0.91	0.90	0.88	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.80	0.79
	30	-	-	-	0.95	0.94	0.93	0.91	0.90	0.89	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.79
	20	-	-	0.97	0.96	0.94	0.93	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80
	10	-	0.98	0.97	0.96	0.94	0.93	0.92	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.83	0.82	0.81	0.80
	0	0.99	0.99	0.97	0.96	0.95	0.93	0.92	0.91	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.82	0.81	0.80
	-10	-	0.99	0.97	0.96	0.95	0.93	0.92	0.91	0.89	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.81	0.80
	-20	-	-	0.98	0.96	0.95	0.94	0.92	0.91	0.90	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.80
	-30	-	-	-	0.97	0.95	0.94	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81
	-40	-	-	-	-	0.95	0.94	0.93	0.91	0.90	0.90	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.81

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	40	-	-	-	-	0.97	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	30	-	-	-	0.98	0.97	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	20	-	-	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	10	-	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	0	1.00	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	-10	-	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	-20	-	-	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	-30	-	-	-	0.98	0.97	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	-40	-	-	-	-	0.97	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

2) AM100FXWANR✳✳✳

(1) Cooling

Level Difference (m)	Pipe Length (m)																
	7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
50	-	-	-	-	-	0.94	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.87	0.86	0.85	0.84
40	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.91	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.85
30	-	-	-	0.96	0.95	0.94	0.93	0.92	0.91	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85
20	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85
10	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85
0	0.99	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.86	0.85
-10	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.86
-20	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86
-30	-	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86
-40	-	-	-	-	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.86

(2) Heating

Level Difference (m)	Pipe Length (m)																
	7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
50	-	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
40	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
30	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
20	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
10	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
0	1.00	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
-10	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
-20	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
-30	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
-40	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93

⁕ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

3) AM120FXWANR✳✳✳

(1) Cooling

Level Difference (m)	Pipe Length (m)																
	7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
50	-	-	-	-	-	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88
40	-	-	-	-	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88
30	-	-	-	0.97	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88
20	-	-	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88
10	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89
0	1.00	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89
-10	-	1.00	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89
-20	-	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89
-30	-	-	-	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89
-40	-	-	-	-	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90

(2) Heating

Level Difference (m)	Pipe Length (m)																
	7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
50	-	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
40	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
30	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
20	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
10	-	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
0	1.00	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
-10	-	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
-20	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
-30	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
-40	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95

⁕ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

2-1. Capacity correction factor

4) AM160FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
	40	-	-	-	-	0.96	0.96	0.95	0.94	0.93	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88
	30	-	-	-	0.97	0.96	0.96	0.95	0.94	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88
	20	-	-	0.98	0.97	0.97	0.96	0.95	0.94	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88
	10	-	0.99	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89
	0	0.99	0.99	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89
	-10	-	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.94	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89
	-20	-	-	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89
	-30	-	-	-	0.98	0.98	0.97	0.96	0.95	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89
	-40	-	-	-	-	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	40	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	30	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	20	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	10	-	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	0	1.00	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	-10	-	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	-20	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	-30	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	-40	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

5) AM180FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.94	0.94	0.93	0.92	0.92	0.91	0.9	0.89	0.88	0.88	0.87	0.86	0.85
	40	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.9	0.89	0.89	0.88	0.87	0.86	0.85
	30	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.9	0.9	0.89	0.88	0.87	0.86	0.86
	20	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.91	0.9	0.89	0.88	0.87	0.87	0.86
	10	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.9	0.89	0.88	0.88	0.87	0.86
	0	0.99	0.99	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.9	0.89	0.89	0.88	0.87	0.86
	-10	-	0.99	0.98	0.97	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.9	0.9	0.89	0.88	0.87	0.86
	-20	-	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.9	0.89	0.88	0.87	0.87
	-30	-	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.9	0.89	0.88	0.88	0.87
	-40	-	-	-	-	0.97	0.96	0.95	0.94	0.93	0.93	0.93	0.92	0.91	0.9	0.89	0.89	0.88	0.87

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93
	40	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93
	30	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93
	20	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93
	10	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93
	0	1.00	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93
	-10	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93
	-20	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93
	-30	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93
	-40	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

6) AM200FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.93	0.92	0.91	0.9	0.9	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82
	40	-	-	-	-	0.95	0.94	0.93	0.91	0.9	0.9	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82
	30	-	-	-	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.9	0.89	0.88	0.87	0.86	0.85	0.84	0.83
	20	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.9	0.89	0.88	0.87	0.86	0.85	0.84	0.83
	10	-	0.99	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.9	0.89	0.88	0.87	0.86	0.85	0.84	0.83
	0	0.99	0.99	0.98	0.97	0.96	0.94	0.93	0.92	0.91	0.91	0.9	0.89	0.88	0.87	0.86	0.85	0.84	0.83
	-10	-	0.99	0.98	0.97	0.96	0.95	0.94	0.92	0.91	0.91	0.9	0.89	0.88	0.87	0.86	0.85	0.84	0.83
	-20	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.9	0.89	0.88	0.87	0.86	0.85	0.84
	-30	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.9	0.89	0.88	0.87	0.86	0.85	0.84
	-40	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.9	0.89	0.88	0.87	0.86	0.85	0.84

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	40	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	30	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	20	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	10	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	0	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	-10	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	-20	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	-30	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	-40	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

7) AM220FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.92	0.91	0.9	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.81	0.8	0.79
	40	-	-	-	-	0.94	0.93	0.91	0.9	0.89	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.8	0.79
	30	-	-	-	0.95	0.94	0.93	0.92	0.9	0.89	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.79
	20	-	-	0.97	0.96	0.94	0.93	0.92	0.9	0.89	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80
	10	-	0.98	0.97	0.96	0.95	0.93	0.92	0.91	0.89	0.89	0.88	0.87	0.86	0.85	0.83	0.82	0.81	0.80
	0	0.99	0.99	0.97	0.96	0.95	0.93	0.92	0.91	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.82	0.81	0.80
	-10	-	0.99	0.98	0.96	0.95	0.94	0.92	0.91	0.9	0.9	0.88	0.87	0.86	0.85	0.84	0.83	0.81	0.80
	-20	-	-	0.98	0.96	0.95	0.94	0.92	0.91	0.9	0.9	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.80
	-30	-	-	-	0.97	0.95	0.94	0.93	0.91	0.9	0.9	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81
	-40	-	-	-	-	0.96	0.94	0.93	0.92	0.9	0.9	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.81

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	40	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	30	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	20	-	-	0.99	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	10	-	0.99	0.99	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	0	1.00	0.99	0.99	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	-10	-	0.99	0.99	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	-20	-	-	0.99	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	-30	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90
	-40	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

2-1. Capacity correction factor

8) AM240FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.91	0.9	0.88	0.87	0.87	0.85	0.84	0.82	0.81	0.8	0.78	0.77	0.76
	40	-	-	-	-	0.93	0.91	0.9	0.88	0.87	0.87	0.85	0.84	0.83	0.81	0.8	0.79	0.77	0.76
	30	-	-	-	0.95	0.93	0.92	0.9	0.89	0.87	0.87	0.86	0.84	0.83	0.82	0.8	0.79	0.77	0.76
	20	-	-	0.97	0.95	0.93	0.92	0.9	0.89	0.87	0.87	0.86	0.84	0.83	0.82	0.8	0.79	0.78	0.76
	10	-	0.98	0.97	0.95	0.94	0.92	0.91	0.89	0.87	0.87	0.86	0.85	0.83	0.82	0.81	0.79	0.78	0.76
	0	0.99	0.98	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.88	0.86	0.85	0.83	0.82	0.81	0.79	0.78	0.77
	-10	-	0.99	0.97	0.96	0.94	0.92	0.91	0.89	0.88	0.88	0.86	0.85	0.84	0.82	0.81	0.8	0.78	0.77
	-20	-	-	0.97	0.96	0.94	0.93	0.91	0.9	0.88	0.88	0.87	0.85	0.84	0.83	0.81	0.8	0.78	0.77
	-30	-	-	-	0.96	0.94	0.93	0.91	0.9	0.88	0.88	0.87	0.85	0.84	0.83	0.81	0.8	0.79	0.77
	-40	-	-	-	-	0.95	0.93	0.92	0.9	0.88	0.88	0.87	0.86	0.84	0.83	0.82	0.8	0.79	0.77

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89
	40	-	-	-	-	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89
	30	-	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89
	20	-	-	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89
	10	-	0.99	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89
	0	0.99	0.99	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89
	-10	-	0.99	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89
	-20	-	-	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89
	-30	-	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89
	-40	-	-	-	-	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

9) AM260FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.96	0.95	0.94	0.93	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88
	40	-	-	-	-	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88
	30	-	-	-	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.89
	20	-	-	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89
	10	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89
	0	0.99	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.94	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89
	-10	-	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89
	-20	-	-	0.99	0.98	0.98	0.97	0.96	0.95	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90
	-30	-	-	-	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90
	-40	-	-	-	-	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	40	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	30	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	20	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	10	-	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	0	1.00	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	-10	-	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	-20	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	-30	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95
	-40	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

10) AM280FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.9	0.9	0.89	0.88	0.87	0.87
	40	-	-	-	-	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.9	0.9	0.89	0.88	0.88	0.87
	30	-	-	-	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.9	0.89	0.88	0.88	0.87
	20	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.9	0.89	0.89	0.88	0.87
	10	-	0.99	0.98	0.97	0.97	0.96	0.95	0.94	0.93	0.93	0.93	0.92	0.91	0.9	0.9	0.89	0.88	0.87
	0	0.99	0.99	0.98	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.9	0.89	0.88	0.88
	-10	-	0.99	0.99	0.98	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.9	0.89	0.89	0.88
	-20	-	-	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.9	0.89	0.89	0.88
	-30	-	-	-	0.98	0.97	0.97	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.9	0.9	0.89	0.88
	-40	-	-	-	-	0.98	0.97	0.96	0.95	0.94	0.94	0.94	0.93	0.92	0.91	0.91	0.9	0.89	0.88

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
	40	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
	30	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
	20	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
	10	-	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
	0	1.00	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
	-10	-	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
	-20	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
	-30	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
	-40	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

11) AM300FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.94	0.94	0.93	0.92	0.92	0.91	0.9	0.89	0.88	0.87	0.87	0.86	0.85
	40	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.9	0.89	0.88	0.88	0.87	0.86	0.85
	30	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.9	0.89	0.89	0.88	0.87	0.86	0.85
	20	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.91	0.9	0.89	0.88	0.87	0.86	0.86
	10	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.9	0.89	0.88	0.87	0.87	0.86
	0	0.99	0.99	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.9	0.89	0.88	0.88	0.87	0.86
	-10	-	0.99	0.98	0.97	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.9	0.89	0.89	0.88	0.87	0.86
	-20	-	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.9	0.9	0.89	0.88	0.87	0.86
	-30	-	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.9	0.89	0.88	0.87	0.87
	-40	-	-	-	-	0.97	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.9	0.89	0.88	0.88	0.87

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93
	40	-	-	-	-	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93
	30	-	-	-	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93
	20	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93
	10	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93
	0	1.00	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93
	-10	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93
	-20	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93
	-30	-	-	-	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93
	-40	-	-	-	-	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

2-1. Capacity correction factor

12) AM320FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88
	40	-	-	-	-	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89
	30	-	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89
	20	-	-	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89
	10	-	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89
	0	1.00	0.99	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89
	-10	-	1.00	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90
	-20	-	-	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90
	-30	-	-	-	0.99	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90
	-40	-	-	-	-	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95
	40	-	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95
	30	-	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95
	20	-	-	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95
	10	-	1.00	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95
	0	1.00	1.00	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95
	-10	-	1.00	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95
	-20	-	-	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95
	-30	-	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95
	-40	-	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

13) AM340FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87
	40	-	-	-	-	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87
	30	-	-	-	0.97	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88
	20	-	-	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88
	10	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88
	0	0.99	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88
	-10	-	1.00	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.88
	-20	-	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89
	-30	-	-	-	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89
	-40	-	-	-	-	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94
	40	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94
	30	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94
	20	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94
	10	-	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94
	0	1.00	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94
	-10	-	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94
	-20	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94
	-30	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94
	-40	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

14) AM360FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86
	40	-	-	-	-	0.96	0.95	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86
	30	-	-	-	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86
	20	-	-	0.98	0.97	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.86
	10	-	0.99	0.98	0.97	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87
	0	0.99	0.99	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88	0.87
	-10	-	0.99	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87
	-20	-	-	0.99	0.98	0.97	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87
	-30	-	-	-	0.98	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87
	-40	-	-	-	-	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94
	40	-	-	-	-	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94
	30	-	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94
	20	-	-	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94
	10	-	1.00	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94
	0	1.00	1.00	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94
	-10	-	1.00	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94
	-20	-	-	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94
	-30	-	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94
	-40	-	-	-	-	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

15) AM380FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.86	0.85	0.85
	40	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85
	30	-	-	-	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85
	20	-	-	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85
	10	-	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.86	0.85
	0	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.86	0.86
	-10	-	0.99	0.98	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86
	-20	-	-	0.99	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86
	-30	-	-	-	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.86
	-40	-	-	-	-	0.97	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.86

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93
	40	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93
	30	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93
	20	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93
	10	-	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93
	0	1.00	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93
	-10	-	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93
	-20	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93
	-30	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93
	-40	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

2 Capacity correction

2-1. Capacity correction factor

16) AM400FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83
	40	-	-	-	-	0.95	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83
	30	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83
	20	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84
	10	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.84
	0	0.99	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84
	-10	-	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84
	-20	-	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84
	-30	-	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85
	-40	-	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.86	0.85

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92
	40	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92
	30	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92
	20	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92
	10	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92
	0	1.00	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92
	-10	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92
	-20	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92
	-30	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92
	-40	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

17) AM420FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82
	40	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82
	30	-	-	-	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82
	20	-	-	0.98	0.97	0.96	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82
	10	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82
	0	0.99	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83
	-10	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83
	-20	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83
	-30	-	-	-	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83
	-40	-	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	40	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	30	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	20	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	10	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	0	1.00	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	-10	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	-20	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	-30	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92
	-40	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

18) AM440FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.83	0.82	0.81	0.80
	40	-	-	-	-	0.95	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.82	0.81	0.80
	30	-	-	-	0.96	0.95	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.80
	20	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81
	10	-	0.99	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81
	0	0.99	0.99	0.98	0.97	0.96	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81
	-10	-	0.99	0.98	0.97	0.96	0.95	0.94	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.83	0.82	0.81
	-20	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.81
	-30	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82
	-40	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91
	40	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91
	30	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91
	20	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91
	10	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91
	0	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91
	-10	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91
	-20	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91
	-30	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91
	-40	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

19) AM480FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.92	0.91	0.90	0.89	0.87	0.86	0.85	0.83	0.82	0.81	0.79	0.78	0.77
	40	-	-	-	-	0.94	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.82	0.81	0.80	0.78	0.77
	30	-	-	-	0.95	0.94	0.93	0.92	0.90	0.89	0.88	0.86	0.85	0.84	0.82	0.81	0.80	0.78	0.77
	20	-	-	0.97	0.96	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.85	0.84	0.83	0.81	0.80	0.79	0.77
	10	-	0.98	0.97	0.96	0.95	0.93	0.92	0.91	0.89	0.88	0.87	0.85	0.84	0.83	0.81	0.80	0.79	0.78
	0	0.99	0.99	0.97	0.96	0.95	0.93	0.92	0.91	0.90	0.88	0.87	0.86	0.84	0.83	0.82	0.80	0.79	0.78
	-10	-	0.99	0.98	0.96	0.95	0.94	0.92	0.91	0.90	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.79	0.78
	-20	-	-	0.98	0.96	0.95	0.94	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.83	0.82	0.81	0.79	0.78
	-30	-	-	-	0.97	0.95	0.94	0.93	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.82	0.81	0.80	0.78
	-40	-	-	-	-	0.96	0.94	0.93	0.92	0.90	0.89	0.88	0.86	0.85	0.84	0.82	0.81	0.80	0.79

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89
	40	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89
	30	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89
	20	-	-	0.99	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89
	10	-	0.99	0.99	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89
	0	1.00	0.99	0.99	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89
	-10	-	0.99	0.99	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89
	-20	-	-	0.99	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89
	-30	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89
	-40	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

2-1. Capacity correction factor

20) AM500FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.96	0.96	0.95	0.95	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92
	40	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93
	30	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93
	20	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
	10	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93
	0	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93
	-10	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94
	-20	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
	-30	-	-	-	0.99	0.99	0.98	0.98	0.97	0.96	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94
	-40	-	-	-	-	0.99	0.98	0.98	0.97	0.97	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97
	40	-	-	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97
	30	-	-	-	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97
	20	-	-	1.00	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97
	10	-	1.00	1.00	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97
	0	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97
	-10	-	1.00	1.00	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97
	-20	-	-	1.00	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97
	-30	-	-	-	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97
	-40	-	-	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

21) AM520FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92
	40	-	-	-	-	0.97	0.96	0.96	0.95	0.95	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92
	30	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92
	20	-	-	0.99	0.98	0.97	0.97	0.96	0.96	0.95	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93
	10	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.95	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93
	0	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
	-10	-	1.00	0.99	0.99	0.98	0.97	0.97	0.96	0.96	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93
	-20	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93
	-30	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94
	-40	-	-	-	-	0.99	0.98	0.97	0.97	0.96	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94

(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.97
	40	-	-	-	-	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.97
	30	-	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.97
	20	-	-	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.97
	10	-	1.00	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.97
	0	1.00	1.00	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.97
	-10	-	1.00	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.97
	-20	-	-	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.97
	-30	-	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.97
	-40	-	-	-	-	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.97

✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

22) AM600FXWANR✳✳✳

(1) Cooling

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.95	0.95	0.94	0.93	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90
	40	-	-	-	-	0.96	0.96	0.95	0.94	0.93	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90
	30	-	-	-	0.97	0.97	0.96	0.95	0.94	0.94	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90
	20	-	-	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90
	10	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91
	0	0.99	0.99	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91
	-10	-	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.94	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91
	-20	-	-	0.99	0.98	0.98	0.97	0.96	0.95	0.95	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91
	-30	-	-	-	0.98	0.98	0.97	0.96	0.96	0.95	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91
	-40	-	-	-	-	0.98	0.97	0.97	0.96	0.95	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92

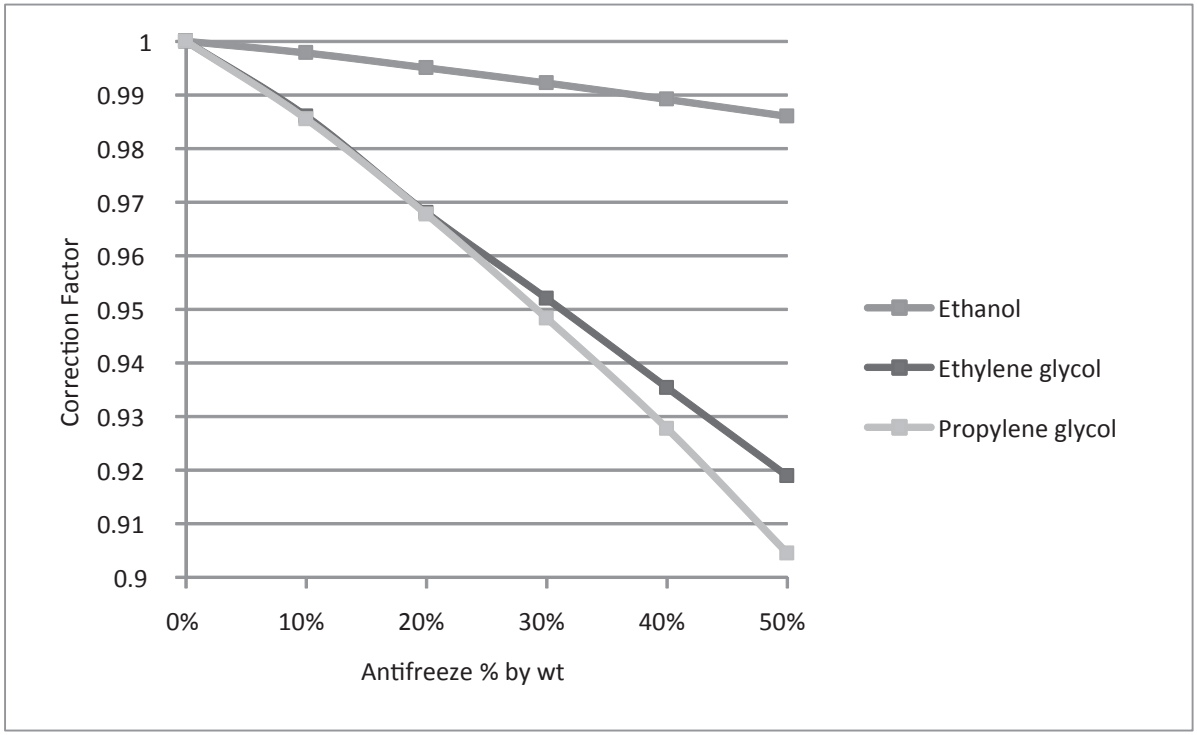
(2) Heating

		Pipe Length (m)																	
		7.5	10	20	30	40	50	60	70	80	*90	100	110	120	130	140	150	160	170
Level Difference (m)	50	-	-	-	-	-	0.98	0.98	0.98	0.97	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.96
	40	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.96
	30	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.96
	20	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.96
	10	-	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.96
	0	1.00	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.96
	-10	-	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.96
	-20	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.96
	-30	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.96
	-40	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.96

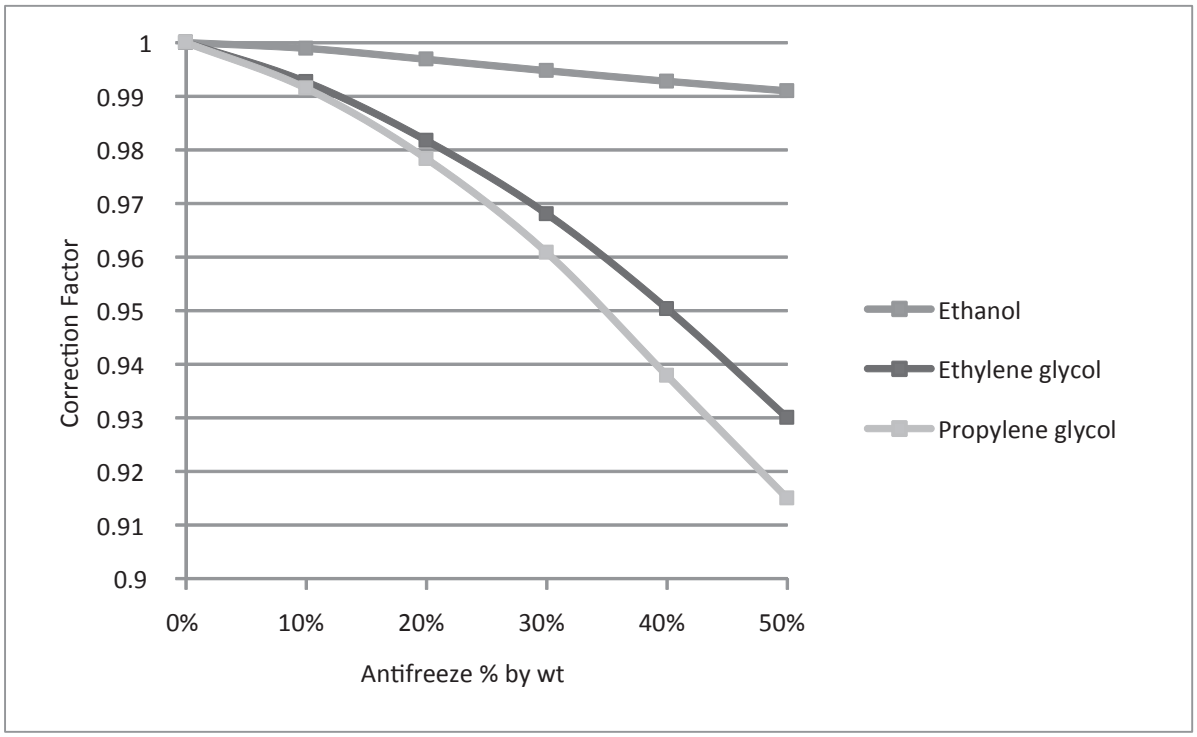
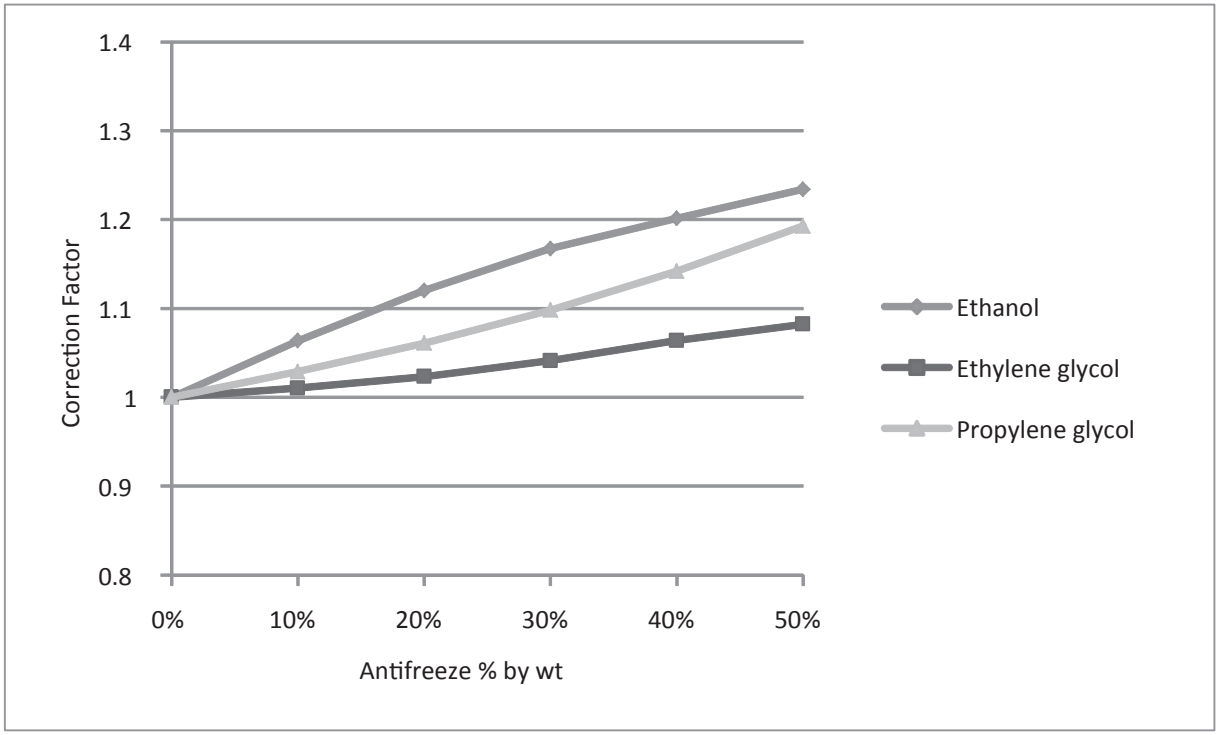
✳ When pipe length exceeds 90 m, increase the size of the main pipe by one level (Refer to installation manual)

2-2. Antifreeze Corrections

1) Correction factor of cooling capacity



2) Correction factor of heating capacity



3) Correction factor of pressure drop