



VRF System

FJM System

SINGLE System

ERV System

Control System



Lineup - Outdoor Units

DVM S HP / HR

			SINGLE										MODULE													
IMAGE	MODEL	CAPACITY	8	10	12	14	16	18	20	22		24	26	28	30	32	34	36	38	40	42	44	46	48	50	52
	AM080FXVAGH/GR	8 HP	1																							
	AM100FXVAGH/GR	10 HP		1																						
	AM120FXVAGH/GR	12 HP			1							2	1	1	1	1	1						2	1	1	1
	AM140FXVAGH/GR	14 HP				1							1					1						1		
	AM160FXVAGH/GR	16 HP					1							1					1						1	
	AM180FXVAGH/GR	18 HP						1							1											1
	AM200FXVAGH/GR	20 HP							1							1				2	1					
	AM220FXVAGH/GR	22 HP								1							1	1	1		1	2	1	1	1	1

* If you wish to install outdoor unit module with capacity over 66 HP, please contact local Samsung Dealer.

DVM S HP / HR

			MODULE															
IMAGE	MODEL	CAPACITY	54	56	58	60	62	64	66	68			70	72	74	76	78	80
	AM080FXVAGH/GR	8 HP																
	AM100FXVAGH/GR	10 HP																
	AM120FXVAGH/GR	12 HP	1	1						2			1	1	1	1	1	
	AM140FXVAGH/GR	14 HP			1								1					1
	AM160FXVAGH/GR	16 HP				1								1				
	AM180FXVAGH/GR	18 HP													1			
	AM200FXVAGH/GR	20 HP	1								1						1	
	AM220FXVAGH/GR	22 HP	1	2	2	2	1	2	3	2			2	2	2	2	3	3

* If you wish to install outdoor unit module with capacity over 66 HP, please contact local Samsung Dealer.

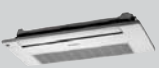
DVM S Eco

IMAGE	CAPACITY		4HP	5HP	6HP	8HP
	PHASE					
	1 Phase		●	●	●	
	3 Phase		●	●	●	●

DVM S WATER

IMAGE	CAPACITY		8HP	10HP	12HP	20HP
	PHASE					
	3 Phase		●	●	●	
	3 Phase					●

Cassette

MODEL						
CAPACITY (kW)	1.7		● (July)		● (May)	
	2.2		●	●	● (May)	
	2.8		●	●		
	3.6		●	●		
	4.5	●	●			
	5.6	●	●			●
	6.0		●			
	7.1	●				●
	9.0	●				
	11.2	●				
	12.8	●				
	14.0	●				
FEATURES	 Powerful Airflow	●	●	●	●	
	 Ceiling Dust Prevention	●	●	●	●	
	 Fresh Air Intake	●	●			
	 High Lift-up Drain Pump	●	●	●	●	●
	 Sub Duct	●	●			

Duct

MODEL				
CAPACITY	1.7			●
	2.2		●	●
	2.8		●	●
	3.6		●	●
	4.5		●	●
	5.6		●	●
	7.1		●	●
	9.0		●	●
	11.2	●	●	●
	12.8	●	●	●
	14.0	●	●	●
	22.0	●		
	28.0	●		
FEATURES	 Pre Filter	●	●	●
	 Easy Filter Cleaning	●	●	●
	 High Lift-up Drain Pump	●	●	●
	 Smart Pressure Control	●	●	●

Wall-mounted

MODEL			
CAPACITY	2.2	●	●
	2.8	●	●
	3.6	●	●
	4.5		●
	5.6	●	●
	7.1	●	●
FEATURES	 Deodorizing Filter	●	●
	 good sleep	●	●

Console & Ceiling

MODEL			
CAPACITY	2.8	●	
	3.6	●	
	5.6	●	●
	7.1		●
FEATURES	 Virus Doctor	●	
	 Interior Design	●	●
	 Anti-virus Filter	●	●
	 Lightweight Unit	●	●
	 Flexible Pipe Installation	●	●

Concealed Floor Standing

MODEL		
CAPACITY	3.6	●
	5.6	●
	7.1	●

DVMS Lineup - ERV Plus

Model \ Air Volume (m³/hr)	500	1000
ERV PLUS		

DVMS Lineup - Hydro Unit

Model	 HE			 HT
	Phase	1Phase	1Phase	3Phase
Capacity (Heating, kW)	16.0	●	●	●
	25.0		●	●
	31.5	●		
	50.4	●		

DVMS Feature - ERV Plus

	 ERV PLUS
Damper	●
Direct Expansion (DX) Coil	●
Humidifier element (Optional)	●
Supply/Exhaust Fan	●
Dust Filter	●
Heat Exchanger Element	●
Control Box	●
Temperature Sensor	●
CO ₂ Sensor (Optional)	●
BLDC Fan Motor	●
Energy Saving Operation (Auto Mode)	●
New Diamond Type Element	●
Flexible Installation	
Slim Design	●
Silent Operation	●
Virus Doctor (Optional)	●



DVMS Specification - Outdoor Units



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVMS HP / HR

Model Name				DVM S HP	AM080FXVAGH	AM100FXVAGH	AM120FXVAGH	AM140FXVAGH	AM160FXVAGH	AM180FXVAGH
				DVM S HR	AM080FXVAGR	AM100FXVAGR	AM120FXVAGR	AM140FXVAGR	AM160FXVAGR	AM180FXVAGR
Power Supply				Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode				-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	HP			HP	8.00	10.00	12.00	14.00	16.00	18.00
				kW	22.40	28.00	33.60	40.00	45.00	50.40
	Capacity (Nominal)	Cooling		Btu/h	76,400	95,500	114,600	136,500	153,500	172,000
				kW	25.20	31.50	37.80	45.00	50.00	56.70
Power		Heating		Btu/h	86,000	107,500	129,000	153,500	170,600	193,500
				Power Input (Nominal)	kW	5.00	6.80	8.40	8.90	11.00
	Current Input (Nominal)	Cooling 1)		A	5.10	6.70	8.70	9.50	11.50	11.90
				Heating 2)	A	8.00	10.90	13.50	14.30	17.60
COP	MCA			A	8.20	10.70	14.00	15.20	18.40	19.10
				MFA	22.50 (MCA)	29.90 (MCA)	31.30 (MCA)	31.30 (MCA)	40.00 (MCA)	48.90 (MCA)
	Nominal Cooling			-	30.00	40.00	40.00	40.00	40.00	50.00
				Nominal Heating	-	4.48	4.12	4.00	4.49	4.09
Compressor	ESEER (HP)			-	4.94	4.70	4.34	4.74	4.35	4.76
				Type <td>-</td> <td>7.85</td> <td>7.25</td> <td>7.03</td> <td>7.02</td> <td>6.78</td> <td>6.59</td>	-	7.85	7.25	7.03	7.02	6.78
	Output			-	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 2	SSC Scroll x 2
				Model Name	-	DS-GB052FAVASG x 1	DS-GB066FAVASG x 1	DS-GB066FAVASG x 1	DS-GB066FAVASG x 1	DS-GB052FAVASG x 2
Fan	Oil	Initial Charge		-	PVE	PVE	PVE	PVE	PVE	PVE
				Type <td>-</td> <td>2300</td> <td>2300</td> <td>2300</td> <td>2300</td> <td>4600</td> <td>4600</td>	-	2300	2300	2300	2300	4600
	Output x n			-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
				Air Flow Rate	W	400 x 1	400 x 1	400 x 1	620 x 2	620 x 2
Piping Connections	CMM			-	145	145	190	260	260	270
				l/s <td>2,416.67</td> <td>2,416.67</td> <td>3,166.67</td> <td>4,333.33</td> <td>4,333.33</td> <td>4,500.00</td>	2,416.67	2,416.67	3,166.67	4,333.33	4,333.33	4,500.00
	External Static Pressure	Max.		-	mmAq	8.00	8.00	8.00	8.00	8.00
				Pa <td>78.45</td> <td>78.45</td> <td>78.45</td> <td>78.45</td> <td>78.45</td> <td>78.45</td>	78.45	78.45	78.45	78.45	78.45	78.45
Field Wiring	Liquid Pipe			-	Φ, mm	9.52	12.70	12.70	12.70	15.88
				Φ, inch	3/8"	3/8"	1/2"	1/2"	1/2"	5/8"
	Gas Pipe			-	Φ, mm	22.22	28.58	28.58	28.58	28.58
				Φ, inch	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant	Discharge Gas Pipe (HR)			-	Φ, mm	15.88	19.05	22.22	22.22	22.22
				Φ, inch	5/8"	3/4"	7/8"	7/8"	7/8"	7/8"
	Installation Limitation	Max. Length		-	m	200(220)	200(220)	200(220)	200(220)	200(220)
				Max. Height	m	110(40)	110(40)	110(40)	110(40)	110(40)
Sound	Power Source Wire			-	mm2	-	-	-	-	-
				Transmission Cable	mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
	Type			-	R410A	R410A	R410A	R410A	R410A	R410A
				Factory Charging	kg	5.50	5.20	5.50	7.70	7.40
External Dimension	Sound Pressure			-	dB(A)	57.0	58.0	61.0	63.0	64.0
				Sound Power	dB(A)	77.0	79.0	81.0	81.0	83.0
	Net Weight	DVM S HP		-	kg	190.0	190.0	190.0	235.0	278.0
				DVM S HR	195.0	195.0	195.0	241.0	284.0	306.0
Operating Temp. Range	Shipping Weight	DVM S HP		-	kg	206.0	206.0	206.0	254.0	297.0
				DVM SHR	211.0	211.0	211.0	260.0	303.0	325.0
	Net Dimensions (WxHxD)			-	mm	880 x 1,695 x 765	880 x 1,695 x 765	880 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765
				Shipping Dimensions (WxHxD)	mm	948 x 1,857 x 832	948 x 1,857 x 832	948 x 1,857 x 832	1,363 x 1,857 x 832	1,363 x 1,857 x 832
Operating Temp. Range	Cooling	DVM S HP		-	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
				DVM S HR	°C	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0
	Heating			-	°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0
					°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

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DVMS Specification - Outdoor Units



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVMS HP / HR

Model Name				DVMS HP	AM200FXVAGH	AM220FXVAGH	AM240FXVAGH	AM260FXVAGH	AM280FXVAGH	AM300FXVAGH
Power Supply				DVMS HR	AM200FXVAGR	AM220FXVAGR	AM240FXVAGR	AM260FXVAGR	AM280FXVAGR	AM300FXVAGR
Mode				Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
				-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	HP		HP	20.00	22.00	24.00	26.00	28.00	30.00	
			kW	56.00	61.60	67.20	73.60	84.00		
	Capacity (Nominal)	Cooling	Btu/h	191,100	210,200	229,300	251,100	268,200	286,600	
			kW	63.00	69.30	75.60	82.80	87.80	94.50	
Power		Heating	Btu/h	215,000	236,500	258,000	282,500	299,600	322,400	
			kW	15.19	17.35	16.80	17.30	19.40	21.28	
	Power Input (Nominal)	Cooling 1)	kW	13.90	16.70	17.40	18.20	20.20	20.60	
				Heating 2)	24.40	27.80	27.00	27.80	31.10	34.20
	Current Input (Nominal)	Cooling 1)	A	22.30	26.80	28.00	29.20	32.40	33.10	
				Heating 2)	52.50 (MCA)	55.60 (MCA)	62.60 (MCA)	62.60 (MCA)	71.30 (MCA)	80.20 (MCA)
COP	MCA			A	75.00	75.00	75.00	75.00	90.00	
	Nominal Cooling			-	3.69	3.55	4.00	4.25	4.05	3.95
	Nominal Heating			-	4.53	4.15	4.34	4.55	4.35	4.59
	ESEER (HP)			-	6.56	6.25	7.03	7.03	6.91	6.81
Compressor	Type			-	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 3	SSC Scroll x 3
	Output			kWx n	(6.13x2)	(6.13x2)	(6.13)x2	(6.13) + (6.13)	(6.13) + (4.96x2)	(6.13) + (6.13x2)
	Model Name			-	DS-GB066FAVASG x 2	DS-GB066FAVASG x 2	DS-GB066FAVASG x 2	DS-GB066FAVASG x 2	DS-GB066FAVASG x 1 + DS-GB052FAVASG x 2	DS-GB066FAVASG x 3
	Oil	Type	Initial Charge	-	PVE	PVE	PVE	PVE	PVE	PVE
cc				4600	4600	4600	4600	6900	6900	
Fan	Type			-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Output x n			W	620 x 2	620 x 2	(400 x 1) x 2	400 x 1 + 620 x 2	400 x 1 + 620 x 2	400 x 1 + 620 x 2
	Air Flow Rate			CMM	275	295	190 x 2	190 + 260	190 + 270	190 + 270
	External Static Pressure			I/s	4,583.33	4,916.67	3,166.67 x 2	3,166.67 + 4,333.33	3,166.67 + 4,333.33	3,166.67 + 4,500.00
Piping Connections	Liquid Pipe		Φ, mm	8.00	8.00	8.00	8.00	8.00	8.00	
				Pa	78.45	78.45	78.45	78.45	78.45	78.45
				Φ, inch	5/8"	5/8"	5/8"	3/4"	3/4"	3/4"
				Φ, mm	28.58	28.58	28.58	34.92	34.92	34.92
				Φ, inch	1 1/8"	1 1/8"	1 1/8"	1 3/8"	1 3/8"	1 3/8"
				Φ, mm	28.58	28.58	28.58	28.58	28.58	28.58
	Discharge Gas Pipe (HR)		Φ, inch	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	
				Φ, mm	28.58	28.58	28.58	28.58	28.58	28.58
Installation Limitation	Max. Length	Max. Height	m <td>200(220)</td> <td>200(220)</td> <td>200(220)</td> <td>200(220)</td> <td>200(220)</td> <td>200(220)</td>	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	
				110(40)	110(40)	110(40)	110(40)	110(40)	110(40)	
Field Wiring	Power Source Wire			mm2	-	-	-	-	-	-
	Transmission Cable			mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type			-	R410A	R410A	R410A	R410A	R410A	R410A
	Factory Charging			kg	8.40	8.40	11.00	13.20	12.90	14.20
Sound	Sound Pressure			dB(A)	65.0	67.0	-	-	-	-
	Sound Power			dB(A)	87.0	89.0	-	-	-	-
External Dimension	Net Weight	DVM S HP	kg	300.0	300.0	190.0 x 2	190.0 + 235.0	190.0 + 278.0	190.0 + 300.0	
				306.0	306.0	195.0 x 2	195.0 + 241.0	195.0 + 306.0	195.0 + 306.0	
	Shipping Weight	DVM S HP	kg	319.0	319.0	206.0 x 2	206.0 + 254.0	206.0 + 297.0	206.0 + 319.0	
				325.0	325.0	211.0 x 2	211.0 + 260.0	211.0 + 303.0	211.0 + 325.0	
	Net Dimensions (WxHxD)				mm	1,295 x 1,695 x 765	(880 x 1,695 x 765 + 1,295 x 1,695 x 765)	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765
Shipping Dimensions (WxHxD)				mm	1,363 x 1,857 x 832	(948 x 1,857 x 832) x 2	948 x 1,857 x 832 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + 1,363 x 1,857 x 832
Operating Temp. Range	Cooling	DVM S HP	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
				-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	
	Heating	DVM S HR	°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	

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- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
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- New Communication Protocol

DVMS HP / HR

Model Name				DVM S HP	AM320FXVAGH	AM340FXVAGH	AM360FXVAGH	AM380FXVAGH	AM400FXVAGH	AM420FXVAGH
Power Supply				DVM S HR	AM320FXVAGR	AM340FXVAGR	AM360FXVAGR	AM380FXVAGR	AM400FXVAGR	AM420FXVAGR
				Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode				-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	HP	Cooling	HP	32.00	34.00	36.00	38.00	40.00	42.00	
			kW	89.60	95.20	101.60	106.60	112.00	117.60	
	Capacity (Nominal)		Heating	Btu/h	305,700	324,800	346,700	363,700	382,200	401,300
				kW	100.80	107.10	114.30	119.30	126.00	132.30
				Btu/h	343,900	365,400	390,000	407,100	429,900	451,400
Power	Power Input (Nominal)	Cooling 1)	kW	23.59	25.75	26.25	28.35	30.38	32.54	
				Cooling 2)	22.60	25.40	26.20	28.20	27.80	30.60
	Current Input (Nominal)	Cooling 1)	A		37.90	41.30	42.10	45.40	48.80	52.20
				Cooling 2)	36.30	40.80	42.00	45.20	44.60	49.10
	MCA				83.80 (MCA)	86.90 (MCA)	86.90 (MCA)	95.60 (MCA)	105.00 (MCA)	108.10 (MCA)
COP	MFA			A	90.00	90.00	90.00	100.00	100.00	125.00
	Nominal Cooling			-	3.80	3.70	3.87	3.76	3.69	3.61
	Nominal Heating			-	4.46	4.22	4.36	4.23	4.53	4.32
	ESEER (HP)			-	6.80	6.64	6.64	6.52	6.56	6.41
Compressor	Type			-	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4
	Output			kW x n	(6.13) + (6.13x2)	(6.13) + (6.13x2)	(6.13) + (6.13x2)	(4.96x2) + (6.13x2)	(6.13x2)x2	(6.13x2) + (6.13x2)
	Model Name			-	DS-GB066FAVASG x 3	DS-GB066FAVASG x 3	DS-GB066FAVASG x 3	DS-GB052FAVASG x 2 + DS-GB066FAVASG x 2	DS-GB066FAVASG x 4	DS-GB066FAVASG x 4
	Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE	PVE
Initial Charge			cc	6900	6900	6900	9200	9200	9200	
Fan	Type			-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Output x n			W	400 x 1 + 620 x 2	400 x 1 + 620 x 2	(620 x 2) x 2	(620 x 2) x 2	(620 x 2) x 2	(620 x 2) x 2
	Air Flow Rate			CMM	190 + 275	190 + 295	260 + 295	260 + 295	275 x 2	275 + 295
				L/s	3,166.67 + 4,583.33	3,166.67 + 4,916.67	4,333.33 + 4,916.67	4,333.33 + 4,916.67	4,583.33 x 2	4,583.33 + 4,916.67
	External Static Pressure		Max.	mmAq	8.00	8.00	8.00	8.00	8.00	8.00
		Pa		78.45	78.45	78.45	78.45	78.45	78.45	
Piping Connections	Liquid Pipe			Φ, mm	19.05	19.05	19.05	19.05	19.05	19.05
				Φ, inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Gas Pipe			Φ, mm	34.92	34.92	41.28	41.28	41.28	41.28
				Φ, inch	1 3/8"	1 3/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"
	Discharge Gas Pipe (HR)			Φ, mm	28.58	28.58	34.92	34.92	34.92	34.92
				Φ, inch	1 1/8"	1 1/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"
Field Wiring	Installation Limitation		Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)
	Max. Height			m	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)
	Power Source Wire			mm2	-	-	-	-	-	-
	Transmission Cable			mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type			-	R410A	R410A	R410A	R410A	R410A	R410A
	Factory Charging			kg	13.90	13.90	16.10	15.80	16.80	16.80
Sound	Sound Pressure			dB(A)	-	-	-	-	-	-
	Sound Power			dB(A)	-	-	-	-	-	-
External Dimension	Net Weight		DVM S HP	kg	190.0 + 300.0	190.0 + 300.0	235.0 + 300.0	278.0 + 300.0	300.0 x 2	300.0 x 2
			DVM S HR	kg	195.0 + 306.0	195.0 + 306.0	241.0 + 306.0	284.0 + 306.0	306.0 x 2	306.0 x 2
	Shipping Weight		DVM S HP	kg	206.0 + 319.0	206.0 + 319.0	254.0 + 319.0	297.0 + 319.0	319.0 x 2	319.0 x 2
			DVM SHR	kg	211.0 + 325.0	211.0 + 325.0	260.0 + 325.0	303.0 + 325.0	325.0 x 2	325.0 x 2
	Net Dimensions (WxHxD)			mm	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2
Shipping Dimensions (WxHxD)			mm	948 x 1,857 x 832 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + 1,363 x 1,857 x 832	(1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 2	
Operating Temp. Range	Cooling		DVM S HP	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
			DVM S HR	°C	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0
		Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

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DVMS Specification - Outdoor Units



DVMS

DIGITAL VARIABLE MULTI

- DDI(Dual Digital Inverter)
- High Efficiency
- Smart Management
- Flexible Installation
- Comfortable & Reliable Operation
- New Communication Protocol

DVMS HP / HR

Model Name				DVM S HP	AM440FXVAGH	AM460FXVAGH	AM480FXVAGH	AM500FXVAGH	AM520FXVAGH	AM540FXVAGH
Power Supply				DVM S HR	AM440FXVAGR	AM460FXVAGR	AM480FXVAGR	AM500FXVAGR	AM520FXVAGR	AM540FXVAGR
				Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode				-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	HP	Cooling	HP	44.00	46.00	48.00	50.00	52.00	54.00	
			kW	123.20	128.80	135.20	140.20	145.60	151.20	
	Capacity (Nominal)		Heating	Btu/h	420,400	439,500	461,300	478,400	496,800	515,900
				kW	138.60	144.90	152.10	157.10	163.80	170.10
Power	Power Input (Nominal)	Cooling 1)	kW	34.70	34.15	34.65	36.75	38.63	40.94	
				Heating 2)	33.40	34.10	34.90	36.90	37.30	39.30
	Current Input (Nominal)	Cooling 1)	A	55.60	54.80	55.60	58.90	62.00	65.70	
				Heating 2)	53.60	54.80	56.00	59.20	59.90	63.10
	MCA				111.20 (MCA)	118.20 (MCA)	118.20 (MCA)	126.90 (MCA)	135.80 (MCA)	139.40 (MCA)
	MFA			A	125.00	125.00	125.00	125.00	125.00	150.00
COP	Nominal Cooling			-	3.55	3.77	3.90	3.81	3.77	3.69
	Nominal Heating			-	4.15	4.25	4.36	4.26	4.39	4.33
	ESEER (HP)			-	6.25	6.77	6.77	6.69	6.62	6.61
Compressor	Type			-	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 5
	Output			kW x n	(6.13x2)x2	(6.13)x2 + (6.13x2)	(6.13) + (6.13) + (6.13x2)	(6.13) + (4.96x2) + (6.13x2)	(6.13) + (6.13x2) + (6.13x2)	(6.13) + (6.13x2) + (6.13x2)
	Model Name			-	DS-GB066FAVASG x 4	DS-GB066FAVASG x 4	DS-GB066FAVASG x 4	DS-GB066FAVASG x 3 + DS-GB052FAVASG x 2	DS-GB066FAVASG x 5	DS-GB066FAVASG x 5
	Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE	PVE
Initial Charge		cc	9200	9200	9200	11500	11500	11500		
Fan	Type			-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Output x n			W	(620 x 2) x 2	(400 x 1) x 2 + 620 x 2	400 x 1 + (620 x 2) x 2	400 x 1 + (620 x 2) x 2	400 x 1 + (620 x 2) x 2	400 x 1 + (620 x 2) x 2
				CMM	295 x 2	190 x 2 + 295	190 + 260 + 295	190 + 260 + 295	190 + 270 + 295	190 + 275 + 295
	Air Flow Rate			l/s	4,916.67 x 2	3,166.67 x 2 + 4,916.67	3,166.67 + 4,333.33 + 4,916.67	3,166.67 + 4,333.33 + 4,916.67	3,166.67 + 4,500.00 + 4,916.67	3,166.67 + 4,583.33 + 4,916.67
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00	8.00	8.00	
Pa			78.45	78.45	78.45	78.45	78.45	78.45		
Piping Connections	Liquid Pipe		Φ, mm	19.05	19.05	19.05	19.05	19.05	19.05	
			Φ, inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
			Φ, mm	41.28	41.28	41.28	41.28	41.28	41.28	
	Gas Pipe		Φ, inch	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	
			Φ, mm	34.92	34.92	34.92	34.92	34.92	34.92	
			Φ, inch	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	
Discharge Gas Pipe (HR)		mm	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)		
		m	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)		
Field Wiring	Power Source Wire			mm2	-	-	-	-	-	-
	Transmission Cable			mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type			-	R410A	R410A	R410A	R410A	R410A	R410A
	Factory Charging			kg	16.80	19.40	21.60	21.30	22.60	22.30
Sound	Sound Pressure			dB(A)	-	-	-	-	-	-
	Sound Power			dB(A)	-	-	-	-	-	-
External Dimension	Net Weight	DVM S HP	kg	300.0 x 2	190.0 x 2 + 300.0	190.0 + 235.0 + 300.0	190.0 + 278.0 + 300.0	190.0 + 300.0 x 2	190.0 + 300.0 x 2	
		DVM S HR	kg	306.0 x 2	195.0 x 2 + 306.0	195.0 + 241.0 + 306.0	195.0 + 284.0 + 306.0	195.0 + 306.0 x 2	195.0 + 306.0 x 2	
	Shipping Weight	DVM S HP	kg	319.0 x 2	206.0 x 2 + 319.0	206.0 + 254.0 + 319.0	206.0 + 297.0 + 319.0	206.0 + 319.0 x 2	206.0 + 319.0 x 2	
		DVM S HR	kg	325.0 x 2	211.0 x 2 + 325.0	211.0 + 260.0 + 325.0	211.0 + 303.0 + 325.0	211.0 + 325.0 x 2	211.0 + 325.0 x 2	
	Net Dimensions (WxHxD)			mm	(1,295 x 1,695 x 765) x 2	(880 x 1,695 x 765) x 2 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2
Shipping Dimensions (WxHxD)			mm	(1,363 x 1,857 x 832) x 2	(948 x 1,857 x 832) x 2 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	
Operating Temp. Range	Cooling	DVM S HP	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
		DVM S HR	°C	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	
Heating			°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	

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DVMS HP / HR

Model Name				DVM S HP	AM560FXVAGH	AM580FXVAGH	AM600FXVAGH	AM620FXVAGH	AM640FXVAGH	AM660FXVAGH
Power Supply				DVM S HR	AM560FXVAGR	AM580FXVAGR	AM600FXVAGR	AM620FXVAGR	AM640FXVAGR	AM660FXVAGR
Mode				Φ, #, V, Hz	-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	HP	Cooling	HP	56.00	58.00	60.00	62.00	64.00	66.00	
			kW	156.80	163.20	168.20	173.60	179.20	184.80	
	Capacity (Nominal)	Heating	Btu/h	535,000	556,900	573,900	592,300	611,500	630,600	
			kW	176.40	183.60	188.60	195.30	201.60	207.90	
Power	Power Input (Nominal)	Cooling 1)	Btu/h	601,900	626,500	643,500	666,400	687,900	709,400	
		kW	43.10	43.60	45.70	47.73	49.89	52.05		
	Current Input (Nominal)	Heating 2)	kW	42.10	42.90	44.90	44.50	47.30	50.10	
		Cooling 1)	A	69.10	69.90	73.20	76.60	80.00	83.40	
	MCA	Heating 2)	A	67.60	68.80	72.00	71.40	75.90	80.40	
		MCA	142.50 (MCA)	142.50 (MCA)	151.20 (MCA)	160.60 (MCA)	163.70 (MCA)	166.80 (MCA)		
COP	MFA	A	150.00	150.00	150.00	200.00	200.00	200.00		
	Nominal Cooling	-	3.64	3.74	3.68	3.64	3.59	3.55		
	Nominal Heating	-	4.19	4.28	4.20	4.39	4.26	4.15		
	ESEER (HP)	-	6.51	6.51	6.43	6.46	6.35	6.25		
Compressor	Type	-	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6		
	Output	kW x n	(6.13) + (6.13x2)x2	(6.13) + (6.13x2)x2	(4.96x2) + (6.13x2)x2	(6.13x2)x2 + (6.13x2)x2	(6.13x2)x2 + (6.13x2)x2	(6.13x2)x3		
	Model Name	-	DS-GB066FAVASG x 5	DS-GB066FAVASG x 5	DS-GB052FAVASG x 2 + DS-GB066FAVASG x 4	DS-GB066FAVASG x 6	DS-GB066FAVASG x 6	DS-GB066FAVASG x 6		
	Oil	Type	-	PVE	PVE	PVE	PVE	PVE		
Fan	Initial Charge	cc <td>11500</td> <td>11500</td> <td>13800</td> <td>13800</td> <td>13800</td> <td>13800</td>	11500	11500	13800	13800	13800	13800		
		-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller		
	Type	-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller		
	Output x n	W	400 x 1 + (620 x 2) x 2	(620 x 2) x 3	(620 x 2) x 3	(620 x 2) x 3	(620 x 2) x 3	(620 x 2) x 3		
	Air Flow Rate	CMM	190 + 295 x 2	260 + 295 x 2	260 + 295 x 2	275 x 2 + 295	275 + 295 x 2	295 x 3		
	External Static Pressure	Max.	I/s	3,166.67 + 4,916.67 x 2	4,333.33 + 4,916.67 x 2	4,333.33 + 4,916.67 x 2	4,583.33 x 2 + 4,916.67	4,583.33 + 4,916.67 x 2	4,916.67 x 3	
Piping Connections	Liquid Pipe	Φ, mm	19.05	19.05	19.05	22.22	22.22	22.22		
		Φ, inch	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"		
	Gas Pipe	Φ, mm	41.28	41.28	41.28	53.98	53.98	53.98		
		Φ, inch	1 5/8"	1 5/8"	1 5/8"	2 1/8"	2 1/8"	2 1/8"		
	Discharge Gas Pipe (HR)	Φ, mm	34.92	34.92	34.92	41.28	41.28	41.28		
		Φ, inch	1 3/8"	1 3/8"	1 3/8"	1 5/8"	1 5/8"	1 5/8"		
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)		
	Max. Height	m	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)		
Field Wiring	Power Source Wire	mm2	-	-	-	-	-	-		
	Transmission Cable	mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5		
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A		
	Factory Charging	kg	22.30	24.50	24.20	25.20	25.20	25.20		
Sound	Sound Pressure	dB(A)	-	-	-	-	-	-		
	Sound Power	dB(A)	-	-	-	-	-	-		
External Dimension	Net Weight	DVM S HP	kg	190.0 + 300.0 x 2	235.0 + 300.0 x 2	278.0 + 300.0 x 2	300.0 x 3	300.0 x 3	300.0 x 3	
		DVM S HR	195.0 + 306.0 x 2	241.0 + 306.0 x 2	284.0 + 306.0 x 2	306.0 x 3	306.0 x 3	306.0 x 3		
	Shipping Weight	DVM S HP	kg	206.0 + 319.0 x 2	254.0 + 319.0 x 2	297.0 + 319.0 x 2	319.0 x 3	319.0 x 3	319.0 x 3	
		DVM S HR	211.0 + 325.0 x 2	260.0 + 325.0 x 2	303.0 + 325.0 x 2	325.0 x 3	325.0 x 3	325.0 x 3		
	Net Dimensions (WxHxD)	mm	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3		
Shipping Dimensions (WxHxD)	mm	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3			
Operating Temp. Range	Cooling	DVM S HP	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating	DVM S HR	°C	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	
Operating Temp. Range	Cooling	-	-	-	-	-	-	-	-	
	Heating	-	-	-	-	-	-	-	-	

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DVMS HP / HR

Model Name				DVMS HP	AM680FXVAGH	AM700FXVAGH	AM720FXVAGH	AM740FXVAGH	AM760FXVAGH	AM780FXVAGH	AM800FXVAGH	
Power Supply				DVMS HR	AM680FXVAGR	AM700FXVAGR	AM720FXVAGR	AM740FXVAGR	AM760FXVAGR	AM780FXVAGR	AM800FXVAGR	
Mode				Φ, #, V, Hz	-	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	
				Mode	-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	
Performance	HP		Cooling	HP	68.00	70.00	72.00	74.00	76.00	78.00	80.00	
				kW	190.40	196.80	201.80	207.20	212.80	218.40	224.80	
	Capacity (Nominal)		Heating	Btu/h	649,700	671,500	688,600	707,000	726,100	745,200	767,000	
				kW	214.20	221.40	226.40	233.10	239.40	245.70	252.90	
				Btu/h	730,900	755,400	772,500	795,400	816,900	838,400	862,900	
Power	Power Input (Nominal)		Cooling 1)	kW	51.50	52.00	54.10	55.98	58.29	60.45	60.95	
					Heating 2)	50.80	51.60	53.60	54.00	56.00	58.80	59.60
	Current Input (Nominal)		Cooling 1)	A	82.60	83.40	86.70	89.80	93.50	96.90	97.70	
					Heating 2)	81.60	82.80	86.00	86.70	89.90	94.40	95.60
	MCA					173.80 (MCA)	173.80 (MCA)	182.50 (MCA)	191.40 (MCA)	195.00 (MCA)	198.10 (MCA)	198.10 (MCA)
	MFA				A	200.00	200.00	200.00	200.00	200.00	200.00	200.00
COP	Nominal Cooling			-	3.70	3.78	3.73	3.70	3.65	3.61	3.69	
	Nominal Heating			-	4.22	4.29	4.22	4.32	4.28	4.18	4.24	
	ESEER (HP)			-	6.64	6.64	6.58	6.53	6.52	6.45	6.44	
Compressor	Type			-	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	
	Output			kW x n	(6.13)x2 + (6.13x2)x2	(6.13) + (6.13) + (6.13x2)x2	(6.13) + (4.96x2) + (6.13x2)x2	(6.13) + (6.13x2) + (6.13x2)x2	(6.13) + (6.13x2) + (6.13x2)x2	(6.13) + (6.13x2)x3	(6.13) + (6.13x2)x3	
	Model Name			-	DS-GB066FAVASG x 6	DS-GB066FAVASG x 6	DS-GB066FAVASG x 5 + DS-GB052FAVASG x 2	DS-GB066FAVASG x 7	DS-GB066FAVASG x 7	DS-GB066FAVASG x 7	DS-GB066FAVASG x 7	
	Oil	Type		-	PVE	PVE	PVE	PVE	PVE	PVE	PVE	PVE
Initial Charge		cc	13800	13800	16100	16100	16100	16100	16100	16100		
Fan	Type			-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n			W	(400 x 1) x 2 + (620 x 2) x 2	400 x 1 + (620 x 2) x 3	400 x 1 + (620 x 2) x 3	400 x 1 + (620 x 2) x 3	400 x 1 + (620 x 2) x 3	400 x 1 + (620 x 2) x 3	(620 x 2) x 4	
	Air Flow Rate			CMM	190 x 2 + 295 x 2	190 + 260 + 295 x 2	190 + 260 + 295 x 2	190 + 270 + 295 x 2	190 + 275 + 295 x 2	190 + 295 x 3	260 + 295 x 3	
				l/s	3,166.67 x 2 + 4,916.67 x 2	3,166.67 + 4,333.33 + 4,916.67 x 2	3,166.67 + 4,333.33 + 4,916.67 x 2	3,166.67 + 4,500.00 + 4,916.67 x 2	3,166.67 + 4,583.33 + 4,916.67 x 2	3,166.67 + 4,916.67 x 3	4,333.33 + 4,916.67 x 3	
	External Static Pressure		Max.	mmAq	8.00	8.00	8.00	8.00	8.00	8.00	8.00	
				Pa	78.45	78.45	78.45	78.45	78.45	78.45		
Piping Connections	Liquid Pipe			Φ, mm	22.22	22.22	22.22	22.22	22.22	22.22	22.22	
				Φ, inch	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	
				Φ, mm	53.98	53.98	53.98	53.98	53.98	53.98	53.98	
	Gas Pipe			Φ, inch	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	
				Φ, mm	41.28	41.28	41.28	41.28	41.28	41.28	41.28	
				Φ, inch	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	
	Discharge Gas Pipe (HR)			m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	
				m	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)	
Field Wiring	Power Source Wire			mm2	-	-	-	-	-	-	-	
	Transmission Cable			mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
Refrigerant	Type			-	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging			kg	27.80	30.00	29.70	31.00	30.70	30.70	32.90	
Sound	Sound Pressure			dB(A)	-	-	-	-	-	-	-	
	Sound Power			dB(A)	-	-	-	-	-	-	-	
External Dimension	Net Weight	DVMS HP		kg	190.0 x 2 + 300.0 x 2	190.0 + 235.0 + 300.0 x 2	190.0 + 278.0 + 300.0 x 2	190.0 + 300.0 x 3	190.0 + 300.0 x 3	190.0 + 300.0 x 3	235.0 + 300.0 x 3	
		DVMS HR			195.0 x 2 + 306.0 x 2	195.0 + 241.0 + 306.0 x 2	195.0 + 284.0 + 306.0 x 2	195.0 + 306.0 x 3	195.0 + 306.0 x 3	195.0 + 306.0 x 3	241.0 + 306.0 x 3	
	Shipping Weight	DVMS HP		kg	206.0 x 2 + 319.0 x 2	206.0 + 254.0 + 319.0 x 2	206.0 + 297.0 + 319.0 x 2	206.0 + 319.0 x 3	206.0 + 319.0 x 3	206.0 + 319.0 x 3	254.0 + 319.0 x 3	
		DVMS HR			211.0 x 2 + 325.0 x 2	211.0 + 260.0 + 325.0 x 2	211.0 + 303.0 + 325.0 x 2	211.0 + 325.0 x 3	211.0 + 325.0 x 3	211.0 + 325.0 x 3	260.0 + 325.0 x 3	
	Net Dimensions (WxHxD)			mm	(880 x 1,695 x 765) x 2 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 4	
Shipping Dimensions (WxHxD)			mm	(948 x 1,857 x 832) x 2 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 4		
Operating Temp. Range	Cooling	DVMS HP		°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
		DVMS HR		°C	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	-15.0 ~ 48.0	
Heating				°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	

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* If you wish to install an outdoor unit module with a capacity of over 66 HP, then please contact your local Samsung Dealer.
* The maximum height of installation limitation for piping connections is only allowable when using PDM kits.

DVMS Specification - Outdoor Units



DVMS WATER

- DDI (Dual Digital Inverter)
- Top Class Energy Efficiency
- Smart Management
- Flexible Installation
- New Communication Protocol

Model Name				AM080FXWANR	AM100FXWANR	AM120FXWANR	AM200FXWANR
Power Supply				Φ, #, V, Hz	3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60
Mode				-	HEAT PUMP & HEAT RECOVERY	HEAT PUMP & HEAT RECOVERY	HEAT PUMP & HEAT RECOVERY
Performance	HP	TON		HP	8.00	10.00	12.00
				TON	6.26	7.96	9.67
	Capacity (Nominal)	Cooling	kW		22.00	28.00	34.00
				Btu/h	75,100	95,500	116,000
		Heating	kW		25.00	32.00	38.00
				Btu/h	85,300	109,200	129,700
Power	Power Input (Nominal)	Cooling 1)	kW		3.84	5.05	6.46
				Heating 2)	4.12	5.25	6.51
	Current Input (Nominal)	Cooling 1)	A		6.20	8.10	10.30
				Heating 2)	6.60	8.40	10.40
	MCA			16.30 (MCA)	20.00 (MCA)	25.00 (MCA)	39.80 (MCA)
COP	MFA			A	20.00	20.00	30.00
	Nominal Cooling 1)			-	5.73	5.54	5.26
	Nominal Heating 2)			-	6.07	6.10	5.84
Compressor	Type			-	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1
	Output			kW x n	(4.96)	(4.96)	(6.13)
	Model Name			-	DS-GB052FAVB SG x 1	DS-GB052FAVB SG x 1	DS-GB052FAVB SG x 2
	Oil	Type	-	PVE	PVE	PVE	PVE
		Initial Charge	cc	2300	2300	2300	4600
Condenser	Type			-	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)	PHE(Stainless Steel Plate)
	Pipe Size			Φ, inch	32.0	32.0	32.0
	Lost Head			kPa	22.0	30.0	43.0
	Water Flow Rate			LPM	80.0	96.0	114.0
	Max. Pressure			Mpa	1.96	1.96	1.96
Piping Connections	Liquid Pipe	Φ, mm		9.52	9.52	12.70	15.88
			Φ, inch	3/8"	3/8"	1/2"	5/8"
	Gas Pipe	Φ, mm		19.05	22.22	28.58	28.58
			Φ, inch	3/4"	7/8"	1 1/8"	1 1/8"
	Discharge Gas Pipe	Φ, mm		15.88	19.05	19.05	28.58
			Φ, inch	5/8"	3/4"	3/4"	1 1/8"
	Oil Equalizing Pipe	Φ, mm		-	-	-	-
			Φ, inch	-	-	-	-
	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	2.5	4.0	4.0
	Transmission Cable			mm2	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type			-	R410A	R410A	R410A
	Factory Charging			kg	6.00	6.00	10.00
Sound 5)	Sound Pressure			dB(A)	56.0 / 48.0	56.0 / 48.0	57.0 / 50.0
	Sound Power			dB(A)	-	-	-
External Dimension	Net Weight			kg	160.0	160.0	240.0
	Shipping Weight			kg	167.0	167.0	250.0
	Net Dimensions (WxHxD)			mm	770 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	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
	Heating			°C	10.0 ~ 45.0	10.0 ~ 45.0	10.0 ~ 45.0

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DVMS Eco

- Top-class Energy Efficiency
- Small Footprint and Volume
- Flexible Piping Design
- Low Noise Level
- New Communication Protocol

Model Name				AM040FXMDEH	AM050FXMDEH	AM060FXMDEH	AM060FXMDGH	AM050FXMDGH	AM060FXMDGH	AM080FXMDGH
Power Supply				Φ, #, V, Hz	1.2,220-240,50	1.2,220-240,50	1.2,220-240,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode				-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP	HP	kW	4.00	5.00	6.00	4.00	5.00	6.00	8.00
				12.10	14.00	15.50	12.10	14.00	15.50	22.40
	Capacity (Nominal)	Cooling	Btu/h	41,300	47,800	52,900	41,300	47,800	52,900	76,400
				Heating	kW	13.50	16.00	18.00	13.50	16.00
			Btu/h			46,100	54,600	61,400	46,100	54,600
Power				Power Input (Nominal)	Cooling 1)	kW	2.89	3.69	4.31	2.89
	Heating 2)	3.02	3.60				4.40	3.02	3.61	4.39
		Current Input (Nominal)	Cooling 1)	A	14.00	17.80	21.00	4.80	6.20	7.30
	Heating 2)				15.10	17.20	20.20	5.00	6.00	6.90
		MCA			22.00 (MCA)	24.00 (MCA)	32.00 (MCA)	10.00 (MCA)	12.00 (MCA)	12.00 (MCA)
COP	MFA	A	27.50	30.00	40.00	16.10	16.10	16.10	25.00	
	Nominal Cooling	-	4.19	3.79	3.60	4.19	3.80	3.60	3.92	
	Nominal Heating	-	4.47	4.44	4.09	4.47	4.43	4.10	5.12	
Compressor	Type	-	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	SSC Scroll x 1	
	Output	kW x n	(4.12)	(4.12)	(4.12)	(4.12)	(4.12)	(4.96)		
	Model Name	-	UGST450FUEJXSG x 1	UGST450FUEJXSG x 1	UGST450FUEJXSG x 1	UGST450FUEJXSG x 1	UGST450FUEJXSG x 1	UGST450FUEJXSG x 1	D5-GB052FAVAD0 x 1	
	Oil	Type	-	POE	POE	POE	POE	POE	PVE	
		Initial Charge	cc	1700	1700	1700	1700	1700	2300	
Fan	Type	-	Propeller / BLDC	Propeller / BLDC	Propeller / BLDC	Propeller / BLDC	Propeller / BLDC	Propeller / BLDC	Propeller	
	Output x n	W	125.0 x 2	125.0 x 2	125.0 x 2	125.0 x 2	125.0 x 2	125.0 x 2	180.0 x 2	
	Air Flow Rate	CMM	110	100	100	110	100	100	135	
			l/s	1,833.33	1,666.67	1,666.67	1,833.33	1,666.67	1,666.67	2,250.00
	External Static Pressure	Max.		mmAq	-	-	-	-	-	-
Pa			-	-	-	-	-	-	-	
Piping Connections	Liquid Pipe		Φ, mm	9.52	9.52	9.52	9.52	9.52	9.52	
			Φ, inch	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	
			Φ, mm	15.88	15.88	19.05	15.88	15.88	19.05	
	Gas Pipe		Φ, inch	5/8"	5/8"	3/4"	5/8"	5/8"	3/4"	
			Φ, mm	-	-	-	-	-	-	
			Φ, inch	-	-	-	-	-	-	
	Discharge Gas Pipe (HR)		Φ, mm	-	-	-	-	-	-	
			Φ, inch	-	-	-	-	-	-	
	Oil Equalizing Pipe		Φ, mm	-	-	-	-	-	-	
			Φ, inch	-	-	-	-	-	-	
Field Wiring	Installation Limitation	Max. Length	m	150(175)	150(175)	150(175)	150(175)	150(175)	150(175)	100(100)
	Limitation	Max. Height	m	50.0(40.0)	50.0(40.0)	50.0(40.0)	50.0(40.0)	50.0(40.0)	50.0(40.0)	30.0(30.0)
Refrigerant	Power Source Wire	mm2	-	-	-	-	-	-	-	
	Transmission Cable	mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
Sound	Type	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging	kg	3.20	3.20	3.30	3.20	3.20	3.30	3.70	
External Dimension	Sound Pressure	dB(A)	50.0	51.0	53.0	50.0	51.0	53.0	56.0	
	Sound Power	dB(A)	66.0	67.0	69.0	66.0	67.0	69.0	74.0	
Operating Temp. Range	Net Weight	kg	100.0	100.0	103.0	100.0	100.0	103.0	135.0	
	Shipping Weight	kg	105.0	105.0	108.0	105.0	105.0	108.0	145.0	
	Net Dimensions (WxHxD)	mm	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,420 x 330	
	Shipping Dimensions (WxHxD)	mm	995 x 1,388 x 426	995 x 1,388 x 426	995 x 1,388 x 426	995 x 1,388 x 426	995 x 1,388 x 426	995 x 1,388 x 426	995 x 1,578 x 426	
	Cooling	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating	°C	-20.0 ~ 26.0	-20.0 ~ 26.0	-20.0 ~ 26.0	-20.0 ~ 26.0	-20.0 ~ 26.0	-20.0 ~ 26.0	-20.0 ~ 24.0	

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4Way Cassette S

- Virus Doctor (Optional)
- New Communication Protocol
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling



Model				AM045FN4DEH	AM056FN4DEH	AM071FN4DEH	AM090FN4DEH	AM112FN4DEH	AM128FN4DEH	AM140FN4DEH
Power Supply		Φ, #, V, Hz	-	1,2,220-240.50	1,2,220-240.50	1,2,220-240.50	1,2,220-240.50	1,2,220-240.50	1,2,220-240.50	1,2,220-240.50
Mode			-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	4.50	5.60	7.10	9.00	11.20	12.80	14.00
			Btu/h	15,400	19,100	24,200	30,700	38,200	43,700	47,800
		Heating	kW	5.00	6.30	8.00	10.00	12.50	13.80	16.00
			Btu/h	17,100	21,500	27,300	34,100	42,700	47,100	54,600
Power	Power Input (Nominal)	Cooling	W	32.00	32.00	45.00	62.00	78.00	73.00	89.00
		Heating		32.00	32.00	45.00	62.00	78.00	73.00	89.00
	Current Input (Nominal)	Cooling	A	0.22	0.22	0.31	0.43	0.55	0.51	0.62
		Heating		0.22	0.22	0.31	0.43	0.55	0.51	0.62
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
		Output	W	-	-	-	-	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	14.50/13.50/12.50	15.00/14.00/13.00	17.00/15.50/14.50	19.50/18.00/16.50	26.00/24.00/22.00	28.00/26.00/23.00	30.00/28.00/26.00
			l/s	241.67/225.00/208.33	250.00/233.33/216.67	283.33/258.33/241.67	325.00/300.00/275.00	433.33/400.00/366.67	466.67/433.33/383.33	500.00/466.67/433.33
Piping Connections	Liquid Pipe		mmAq	-	-	-	-	-	-	-
			Pa	-	-	-	-	-	-	-
	Gas Pipe		Φ, mm	6.35	6.35	9.52	9.52	9.52	9.52	9.52
			Φ, inch	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	Φ, mm	12.70	12.70	15.88	15.88	15.88	15.88	15.88
			Φ, inch	1/2"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"
	Transmission Cable		Φ, mm	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
Refrigerant	Type		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
				0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Control Method		Type	-	R410A	R410A	R410A	R410A	R410A	R410A
				-	R410A	R410A	R410A	R410A	R410A	R410A
Sound	Sound Pressure	High / Mid / Low	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
				EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
	Sound Power	High / Mid / Low	dBA	33.0/32.0/30.0	33.0/32.0/30.0	35.0/34.0/33.0	39.0/36.0/33.0	40.0/38.0/36.0	42.0/40.0/37.0	44.0/41.0/38.0
				-	-	-	-	-	-	-
Dimensions	Net Weight		kg	15.50	15.50	15.50	15.50	17.00	19.00	19.00
			kg	19.50	19.50	19.50	19.50	20.00	22.50	22.50
	Shipping Weight		mm	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840
			mm	898 x 275 x 898	898 x 275 x 898	898 x 275 x 898	898 x 275 x 898	898 x 316 x 898	898 x 357 x 898	898 x 357 x 898
Panel Size	Panel Model		-	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN
			kg	6.70	6.70	6.70	6.70	6.70	6.70	6.70
	Shipping Weight		kg	8.90	8.90	8.90	8.90	8.90	8.90	8.90
			mm	950 x 30 x 950	950 x 30 x 950	950 x 30 x 950	950 x 30 x 950	950 x 30 x 950	950 x 30 x 950	950 x 30 x 950
Additional Accessories	Drain Pump		mm	1042 x 93 x 950	1042 x 93 x 950	1042 x 93 x 950	1042 x 93 x 950	1042 x 93 x 950	1042 x 93 x 950	1042 x 93 x 950
				-	-	-	-	-	-	-
	Max. Lifting Height / Displacement		mm / liter/h	-	-	-	-	-	-	-
				-	-	-	-	-	-	-

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Optional Accessories





4Way Cassette S (600x600)

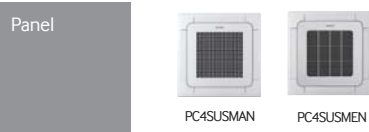
- Compact and Light Unit
- Virus Doctor (Optional)
- Motion Detect Sensor (Optional)
- No Overflowing Drain Water
- New Communication Protocol



Model				AM022FNNDEH	AM028FNNDEH	AM036FNNDEH	AM045FNNDEH	AM056FNNDEH	AM060FNNDEH
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode		-		HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80	3.60	4.50	5.60	6.00
			Btu/h	7,500	9,600	12,300	15,400	19,100	20,500
	Heating		kW	2.50	3.20	4.00	5.00	6.30	6.80
			Btu/h	8,500	10,900	13,600	17,100	21,500	23,200
Power	Power Input (Nominal)	Cooling	W	18.00	18.00	20.00	23.00	28.00	31.00
				18.00	18.00	20.00	23.00	28.00	31.00
	Current Input (Nominal)	Cooling	A	0.17	0.17	0.19	0.22	0.27	0.30
				0.17	0.17	0.19	0.22	0.27	0.30
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
			Output	W	65 x 1	65 x 1	65 x 1	65 x 1	65 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	9.00/7.70/6.50	10.00/8.50/7.50	10.50/9.50/8.00	11.50/10.20/9.00	13.00/11.00/9.50	13.50/12.00/10.20
			l/s	150.00/128.33/108.33	166.67/141.67/125.00	175.00/158.33/133.33	191.67/170.00/150.00	216.67/183.33/158.33	225.00/200.00/170.00
Piping Connections	Liquid Pipe		mmAq	-	-	-	-	-	-
			Pa	-	-	-	-	-	-
	Gas Pipe		Φ, mm	6.35	6.35	6.35	6.35	6.35	6.35
			Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
				0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
				0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Sound	Type		-	R410A	R410A	R410A	R410A	R410A	R410A
			-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
			-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Dimensions	Sound Pressure	High / Mid / Low	dBA	32.0/29.0/26.0	33.0/30.0/26.0	36.0/33.0/30.0	36.0/34.0/32.0	39.0/36.0/33.0	40.0/38.0/35.0
			dBA	-	-	-	-	-	-
	Sound Power	High / Mid / Low	-	-	-	-	-	-	-
			-	-	-	-	-	-	-
Panel Size	Net Weight		kg	12.00	12.00	12.00	12.00	12.00	12.00
			kg	14.00	14.00	14.00	14.00	14.00	14.00
	Shipping Weight		mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
			mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653
Additional Accessories	Panel Model		-	PC4SUSMAN	PC4SUSMAN	PC4SUSMAN	PC4SUSMAN	PC4SUSMAN	PC4SUSMAN
			kg	2.70	2.70	2.70	2.70	2.70	2.70
	Shipping Weight		kg	4.20	4.20	4.20	4.20	4.20	4.20
			mm	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670
Additional Accessories	Shipping Dimensions (WxHxD)		mm	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724
			mm	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724
	Drain Pump	Drain Pump	-	-	-	-	-	-	-
			Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
Additional Accessories	Air Filter		-	-	-	-	-	-	-
			-	-	-	-	-	-	-
	Air Filter		-	-	-	-	-	-	-
			-	-	-	-	-	-	-

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Optional Accessories





1Way Cassette (New)

- Fluid Pattern Design
 - Slim and Compact Design
 - Quiet Operation
 - No Overflowing Drain Water
- New Communication Protocol
 - Virus Doctor (Option)



Model				AM017HN1DEH		AM022HN1DEH	
Power Supply			Φ, #, V, Hz	1,2,220-240,50		1,2,220-240,50	
Mode			-	HP/HR		HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	1.7		2.2	
			Btu/h	5700		7400	
		Heating	kW	1.9		2.5	
			Btu/h	6400		8500	
Power	Power Input (Nominal)	Cooling	W	24		25	
		Heating	W	24		25	
	Current Input (Nominal)	Cooling	A	0.14		0.15	
		Heating	A	0.14		0.15	
Fan	Motor	Type	-	Crossflow Fan		Crossflow Fan	
		Output	W	27 x 1		27 x 1	
	Air Flow Rate	High / Mid / Low (UL)	CMM	5.1/4.6/4.3		4.8/4.3/4.1	
			l/s	85.00/76.67/71.67		80.00/71.67/68.33	
	External Static Pressure	Min. / Std. / Max.	mmAq	-		-	
			Pa	-		-	
Piping Connections	Liquid Pipe	Φ, mm	6.35		6.35		
		Φ, inch	1/4"		1/4"		
	Gas Pipe	Φ, mm	12.70		12.70		
		Φ, inch	1/2"		1/2"		
Field Wiring	Drain Pipe		Φ, mm	VP20 (OD 26,ID 20)		VP20 (OD 26,ID 20)	
	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5		1.5 ~ 2.5	
			mm ²	0.75 ~ 1.50		0.75 ~ 1.50	
Refrigerant	Type		-	R410A		R410A	
	Control Method		-	EEV INCLUDED		EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dBA	27.0/24.0/21.0		27.0/25.0/23.0	
	Sound Power	High / Mid / Low	dBA				
Dimensions	Net Weight		kg	8.0		8.0	
	Shipping Weight		kg	10.0		10.0	
	Net Dimensions (WxHxD)		mm	740 x 135 x 360		740 x 135 x 360	
	Shipping Dimensions (WxHxD)		mm	895 x 223 x 435		895 x 223 x 435	
Panel Size	Panel Model		-	PC1MWSKAN		PC1MWSKAN	
	Panel Net Weight		kg	2.6		2.6	
	Shipping Weight		kg	3.6		3.6	
	Net Dimensions (WxHxD)		mm	900 x 25 x 420		900 x 25 x 420	
	Shipping Dimensions (WxHxD)		mm	958 x 112 x 482		958 x 112 x 482	
Additional Accessories	Drain Pump	Drain Pump	-	-		-	
		Max. Lifting Height / Displacement	mm / liter/h	-		-	
	Air Filter		-	-		-	

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Optional Accessories

Individual Controllers



MWR-WE10N



MWR-SH00N



MR-DH00

Panel



PC1MWSKAN

Slim 1Way Cassette



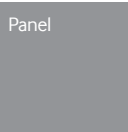
- Slim and Compact Design
- Quiet Operation
- No Overflowing Drain Water
- New Communication Protocol



Model				AM022FN1DEH	AM028FN1DEH	AM036FN1DEH
Power Supply		Φ, #, V, Hz	-	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode			-	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80	3.60
			Btu/h	7,500	9,600	12,300
		Heating	kW	2.60	3.20	4.00
			Btu/h	8,900	10,900	13,600
Power	Power Input (Nominal)	Cooling	W	50.00	50.00	50.00
		Heating	W	50.00	50.00	50.00
	Current Input (Nominal)	Cooling	A	0.20	0.23	0.25
		Heating	A	0.20	0.23	0.25
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	23 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	6.00/5.00/4.00	7.00/6.00/5.00	8.00/7.00/6.00
			l/s	100.00/83.33/66.67	116.67/100.00/83.33	133.33/116.67/100.00
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-
			Pa	-	-	-
Piping Connections	Liquid Pipe		Φ, mm	6.35	6.35	6.35
			Φ, inch	1/4"	1/4"	1/4"
	Gas Pipe		Φ, mm	12.70	12.70	12.70
			Φ, inch	1/2"	1/2"	1/2"
	Drain Pipe		Φ, mm	VP20 (OD 26JD 20)	VP20 (OD 26JD 20)	VP20 (OD 26JD 20)
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	27.0/25.0/23.0	29.0/27.0/24.0	35.0/31.0/27.0
	Sound Power	High / Mid / Low	dBA	-	-	-
Dimensions	Net Weight		kg	10.50	10.50	10.50
	Shipping Weight		kg	13.00	13.00	13.00
	Net Dimensions (WxHxD)		mm	970 x 135 x 410	970 x 135 x 410	970 x 135 x 410
	Shipping Dimensions (WxHxD)		mm	1164 x 212 x 478	1164 x 212 x 478	1164 x 212 x 478
Panel Size	Panel Model		-	PC1NUSMAN	PC1NUSMAN	PC1NUSMAN
	Panel Net Weight		kg	3.00	3.00	3.00
	Shipping Weight		kg	5.00	5.00	5.00
	Net Dimensions (WxHxD)		mm	1180 x 225 x 460	1180 x 225 x 460	1180 x 225 x 460
	Shipping Dimensions (WxHxD)		mm	1259 x 144 x 539	1259 x 144 x 539	1259 x 144 x 539
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-
	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-
Air Filter			-	-	-	-

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Optional Accessories



2Way Cassette



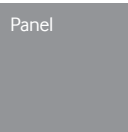
- Standard Formula for Easy Installation
- Twin Cross Flow Fan
- Small Size, Big Performance
- New Communication Protocol



Model				AM056FN2DEH	AM071FN2DEH
Power Supply		Φ, #, V, Hz	-	1,2,220-240,50	1,2,220-240,50
Mode			-	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	5.60	7.10
			Btu/h	19,100	24,200
		Heating	kW	6.30	8.00
			Btu/h	21,500	27,300
Power	Power Input (Nominal)	Cooling	W	70.00	75.00
		Heating	W	70.00	75.00
	Current Input (Nominal)	Cooling	A	0.38	0.40
		Heating	A	0.38	0.40
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan
		Output	W	14 x 2	14 x 2
	Air Flow Rate	High / Mid / Low (UL)	CMM	14.00/13.00/12.00	15.00/14.00/13.00
			l/s	233.33/216.67/200.00	250.00/233.33/216.67
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-
			Pa	-	-
Piping Connections	Liquid Pipe		Φ, mm	6.35	9.52
			Φ, inch	1/4"	3/8"
	Gas Pipe		Φ, mm	12.70	15.88
			Φ, inch	1/2"	5/8"
	Drain Pipe		Φ, mm	VP25 (OD 32JD 25)	VP25 (OD 32JD 25)
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	38.0/37.0/35.0	41.0/39.0/37.0
	Sound Power	High / Mid / Low	dBA	-	-
Dimensions	Net Weight		kg	21.00	22.00
	Shipping Weight		kg	25.00	26.00
	Net Dimensions (WxHxD)		mm	890 x 230 x 575	890 x 230 x 575
	Shipping Dimensions (WxHxD)		mm	1077 x 299 x 642	1077 x 299 x 642
Panel Size	Panel Model		-	PC2NUSMEN	PC2NUSMEN
	Panel Net Weight		kg	4.00	4.00
	Shipping Weight		kg	8.00	8.00
	Net Dimensions (WxHxD)		mm	1030 x 25 x 650	1030 x 25 x 650
	Shipping Dimensions (WxHxD)		mm	1103 x 151 x 727	1103 x 151 x 727
Additional Accessories	Drain Pump	Drain Pump	-	-	-
	Max. Lifting Height / Displacement	mm / liter/h	-	-	-
Air Filter			-	-	-

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Optional Accessories





HSP Duct

- High External Static Pressure
- Strong and Large Coverage Area
- Silent Operation with the Static Pressure Control
- Easy to Maintain
- New Communication Protocol



Model				AM112FNHDEH	AM128FNHDEH	AM140FNHDEH	AM220FNHDEH	AM280FNHDEH
Power Supply		Φ, #, V, Hz	-	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode			-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	11.20	12.80	14.00	22.40	28.00
			Btu/h	38,200	43,700	47,800	76,400	95,500
		Heating	kW	12.50	13.80	16.00	25.00	31.50
			Btu/h	42,700	47,100	54,600	85,300	107,500
Power	Power Input (Nominal)	Cooling	W	305.00	333.00	385.00	530.00	790.00
		Heating		305.00	333.00	385.00	530.00	790.00
	Current Input (Nominal)	Cooling	A	2.35	2.58	3.00	3.80	5.90
		Heating		2.35	2.58	3.00	3.80	5.90
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	183 x 2	183 x 2	183 x 2	400 x 1	400 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	32.00/27.00/23.00	35.00/31.00/28.00	39.00/33.00/28.00	58.00/52.00/47.00	72.00/65.00/58.00
			l/s	533.33/450.00/383.33	583.33/516.67/466.67	650.00/550.00/466.67	966.67/866.67/783.33	1,200.00/1,083.33/966.67
Piping Connections	Gas Pipe	Min. / Std. / Max.	mmAq	5.00/10.00/20.00	5.00/10.00/20.00	5.00/10.00/20.00	5.00/15.00/25.00	5.00/15.00/28.00
			Pa	49.03/98.07/196.13	49.03/98.07/196.13	49.03/98.07/196.13	49.03/147.10/245.17	49.03/147.10/274.59
	Liquid Pipe		Φ, mm	9.52	9.52	9.52	9.52	9.52
			Φ, inch	3/8"	3/8"	3/8"	3/8"	3/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
			-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
			-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	43.0/41.0/39.0	45.0/43.0/42.0	46.0/45.0/44.0	45.0/43.0/41.0	48.0/46.0/43.0
			dB(A)	-	-	-	-	-
	Sound Power	High / Mid / Low	dB(A)	-	-	-	-	-
			dB(A)	-	-	-	-	-
Dimensions	Net Weight		kg	62.00	70.00	62.00	89.00	89.00
			kg	70.00	75.00	70.00	99.00	99.00
	Shipping Weight		mm	1200 x 360 x 650	1200 x 360 x 650	1200 x 360 x 650	1240 x 470 x 1040	1240 x 470 x 1040
			mm	1447 x 425 x 769	1447 x 425 x 769	1447 x 425 x 769	1507 x 558 x 1155	1507 x 558 x 1155
Panel Size	Panel Model		-	-	-	-	-	-
			-	-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-
			kg	-	-	-	-	-
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	MDP-M075SGU1D	MDP-M075SGU2D	MDP-M075SGU2D	MDP-N047SNC1D	MDP-N047SNC1D
			mm / liter/h	-	-	-	-	-
	Air Filter		-	-	-	-	-	-
			-	-	-	-	-	-

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Optional Accessories

Individual Controllers

MWR-WE10N

MWR-SH00N

MR-DH00

MRK-A10N

Drain Pump

MDP-M075SGU1D
MDP-M075SGU2D
MDP-N047SNC1D

MSP Duct



- Narrow Width
- Strong and Large Coverage Area
- Silent Operation with the Static Pressure Control
- Easy to Maintain
- New Communication Protocol



Model				AM022FNMDEH	AM028FNMDEH	AM036FNMDEH	AM045FNMDEH	AM056FNMDEH
Power Supply				Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode				-	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80	3.60	4.50	5.60
			Btu/h	7,500	9,600	12,300	15,400	19,100
		Heating	kW	2.50	3.20	4.00	5.00	6.30
			Btu/h	8,500	10,900	13,600	17,100	21,500
Power	Power Input (Nominal)	Cooling	W	80.00	80.00	85.00	125.00	130.00
		Heating	W	80.00	80.00	85.00	125.00	130.00
	Current Input (Nominal)	Cooling	A	0.40	0.40	0.55	1.15	1.10
		Heating	A	0.40	0.40	0.55	1.15	1.10
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	69 x 1	69 x 1	112 x 1	219 x 1	124 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	8.50/7.50/6.30	10.00/9.20/7.50	12.00/10.20/8.80	14.00/12.00/10.50	14.50/13.00/11.50
			l/s	141.67/125.00/105.00	166.67/153.33/125.00	200.00/170.00/146.67	233.33/200.00/175.00	241.67/216.67/191.67
	External Static Pressure	Min. / Std. / Max.	mmAq	0.00/2.00/6.00	0.00/2.00/6.00	0.00/2.00/6.00	0.00/4.00/8.00	0.00/4.00/8.00
Piping Connections	Liquid Pipe	Φ, mm	Pa	0.00/19.61/58.84	0.00/19.61/58.84	0.00/19.61/58.84	0.00/39.23/78.45	0.00/39.23/78.45
			Φ, inch	6.35	6.35	6.35	6.35	6.35
	Gas Pipe	Φ, mm	Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"
			Φ, mm	12.70	12.70	12.70	12.70	12.70
	Drain Pipe	Φ, mm	Φ, inch	1/2"	1/2"	1/2"	1/2"	1/2"
Field Wiring	Power Source Wire	Below 20m / Over 20m	VP25 (OD 32JD 25)	VP25 (OD 32JD 25)	VP25 (OD 32JD 25)	VP25 (OD 32JD 25)	VP25 (OD 32JD 25)	VP25 (OD 32JD 25)
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	23.0/21.0/19.0	24.0/22.0/19.0	29.0/27.0/24.0	32.0/30.0/28.0	35.0/33.0/31.0
	Sound Power	High / Mid / Low	dBA	-	-	-	-	-
Dimensions	Net Weight		kg	23.50	23.50	23.50	29.00	29.00
	Shipping Weight		kg	28.00	28.00	28.00	33.00	33.00
	Net Dimensions (WxHxD)		mm	900 x 199 x 600	900 x 199 x 600	900 x 199 x 600	900 x 260 x 480	900 x 260 x 480
	Shipping Dimensions (WxHxD)		mm	1150 x 280 x 710	1150 x 280 x 710	1150 x 280 x 710	1170 x 340 x 595	1170 x 340 x 595
Panel Size	Panel Model		-	-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
	Net Dimensions (WxHxD)		mm	-	-	-	-	-
	Shipping Dimensions (WxHxD)		mm	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	MDP-E07SSEE3D	MDP-E07SSEE3D	MDP-E07SSEE3D	MDP-M07SSGU3D	MDP-M07SSGU3D
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	Air Filter		-	-	-	-	-	-

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Optional Accessories

Individual Controllers

MWR-WE10N

MWR-SH00N

MR-DH00

MRK-A10N

Drain Pump

MDP-E07SSEE3D
MDP-M07SSGU1D
MDP-M07SSGU2D
MDP-M07SSGU3D

MSP Duct



- Narrow Width
- Strong and Large Coverage Area
- Silent Operation with the Static Pressure Control
- Easy to Maintain
- New Communication Protocol



Model				AM071FNMDEH	AM090FNMDEH	AM112FNMDEH	AM128FNMDEH	AM140FNMDEH
Power Supply		Φ, #, V, Hz	-	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode			-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	7.10	9.00	11.20	12.80	14.00
			Btu/h	24,200	30,700	38,200	43,700	47,800
		Heating	kW	8.00	10.00	12.50	13.80	16.00
			Btu/h	27,300	34,100	42,700	47,100	54,600
Power	Power Input (Nominal)	Cooling	W	190.00	240.00	260.00	370.00	410.00
		Heating		190.00	240.00	260.00	370.00	410.00
	Current Input (Nominal)	Cooling	A	1.25	1.30	1.17	1.67	1.86
		Heating		1.25	1.30	1.17	1.67	1.86
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	124 x 1	130 x 1	130 x 1	218 x 1	218 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	18.50/17.00/15.50	19.50/18.00/16.50	27.00/25.00/23.00	32.00/30.00/28.00	37.00/34.00/31.00
			l/s	308.33/283.33/258.33	325.00/300.00/275.00	450.00/416.67/383.33	533.33/500.00/466.67	616.67/566.67/516.67
	External Static Pressure	Min. / Std. / Max.	mmAq	0.00/4.00/8.00	4.00/6.00/8.00	4.00/8.00/12.00	4.00/8.00/14.00	4.00/8.00/14.00
Piping Connections	Liquid Pipe		Pa	0.00/39.23/78.45	39.23/58.84/78.45	39.23/78.45/117.68	39.23/78.45/137.29	39.23/78.45/137.29
			Φ, mm	9.52	9.52	9.52	9.52	9.52
	Gas Pipe		Φ, inch	3/8"	3/8"	3/8"	3/8"	3/8"
			Φ, mm	15.88	15.88	15.88	15.88	15.88
	Drain Pipe		Φ, inch	5/8"	5/8"	5/8"	5/8"	5/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	Φ, mm	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	39.0/35.0/31.0	40.0/37.0/34.0	41.0/40.0/38.0	41.0/40.0/38.0	42.0/39.0/36.0
	Sound Power	High / Mid / Low	dB(A)	-	-	-	-	-
Dimensions	Net Weight		kg	29.00	34.00	36.00	52.00	52.00
	Shipping Weight		kg	39.00	39.00	42.00	59.00	59.00
	Net Dimensions (WxHxD)		mm	900 x 260 x 480	1150 x 260 x 480	1150 x 320 x 480	1200 x 360 x 650	1200 x 360 x 650
	Shipping Dimensions (WxHxD)		mm	1170 x 340 x 595	1420 x 340 x 595	1420 x 400 x 595	1480 x 420 x 790	1480 x 420 x 790
Panel Size	Panel Model		-	-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
	Net Dimensions (WxHxD)		mm	-	-	-	-	-
	Shipping Dimensions (WxHxD)		mm	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	MDP-M075SGU3D	MDP-M075SGU1D	MDP-M075SGU1D	MDP-M075SGU2D	MDP-M075SGU2D
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	Air Filter		-	-	-	-	-	-

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Optional Accessories

Individual Controllers

MWR-WE10N

MWR-SH00N

MR-DH00

MRK-A10N

Drain Pump

MDP-E075SEE3D
MDP-M075SGU1D
MDP-M075SGU2D
MDP-M075SGU3D

Slim Duct



- Flexible Installation
- Easier Drain Pump Installation
- Slim Design
- Easy to Maintain
- New Communication Protocol



Model				AM017FNLDEH	AM022FNLDEH	AM028FNLDEH	AM036FNLDEH	AM045FNLDEH	AM056FNLDEH
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode		-		HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	1.70	2.20	2.80	3.60	4.50	5.60
			Btu/h	5,800	7,500	9,600	12,300	15,400	19,100
		Heating	kW	1.90	2.50	3.20	4.00	5.00	6.30
			Btu/h	6,500	8,500	10,900	13,600	17,100	21,500
Power	Power Input (Nominal)	Cooling	W	55.00	55.00	60.00	65.00	90.00	95.00
		Heating		55.00	55.00	60.00	65.00	90.00	95.00
	Current Input (Nominal)	Cooling	A	0.30	0.30	0.32	0.33	0.52	0.53
		Heating		0.30	0.30	0.32	0.33	0.52	0.53
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	-	69 x 1	-	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	5.50/4.30/3.20	7.00/6.10/5.30	7.50/6.60/5.60	7.50/6.60/5.60	11.00/9.60/8.30	12.00/10.50/9.00
			l/s	91.67/71.67/53.33	116.67/101.67/88.33	125.00/110.00/93.33	125.00/110.00/93.33	183.33/160.00/138.33	200.00/175.00/150.00
	External Static Pressure	Min. / Std. / Max.	mmAq	0.00/1.00/3.00	0.00/1.00/3.00	0.00/1.00/3.00	0.00/1.00/3.00	0.00/2.00/4.00	0.00/2.00/4.00
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	6.35	
		Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	
	Gas Pipe	Φ, mm	12.70	12.70	12.70	12.70	12.70	12.70	
		Φ, inch	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	
Field Wiring	Drain Pipe		Φ, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
		Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	23.0/22.0/20.0	26.0/24.0/21.0	28.0/26.0/23.0	32.0/30.0/27.0	35.0/31.0/26.0	36.0/34.0/31.0
	Sound Power	High / Mid / Low	dBA	-	-	-	-	-	-
Dimensions	Net Weight		kg	19.00	19.00	19.00	19.50	23.50	23.50
	Shipping Weight		kg	23.00	23.00	23.00	23.50	28.00	28.00
	Net Dimensions (WxHxD)		mm	700 x 199 x 600	700 x 199 x 600	700 x 199 x 600	700 x 199 x 600	900 x 199 x 600	900 x 199 x 600
	Shipping Dimensions (WxHxD)		mm	950 x 270 x 710	950 x 270 x 710	950 x 270 x 710	950 x 270 x 710	1150 x 280 x 710	1150 x 280 x 710
Panel Size	Panel Model		-	-	-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-	-
	Net Dimensions (WxHxD)		mm	-	-	-	-	-	-
	Shipping Dimensions (WxHxD)		mm	-	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	MDP-E07SSEE3D	MDP-E07SSEE3D	MDP-E07SSEE3D	MDP-E07SSEE3D	MDP-E07SSEE3D	MDP-E07SSEE3D
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-
Air Filter			-	-	-	-	-	-	-

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Optional Accessories

Individual Controllers

MWR-WE10N

MWR-SH00N

MR-DH00

MRK-A10N

Drain Pump

MDP-E07SSEE3D

Slim Duct



- Flexible Installation
- Easier Drain Pump Installation
- Slim Design
- Easy to Maintain
- New Communication Protocol



Model				AM071FNLDEH	AM090FNLDEH	AM112FNLDEH	AM128FNLDEH	AM140FNLDEH
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode				HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	7.10	9.00	11.20	12.80	14.00
			Btu/h	24,200	30,700	38,200	43,700	47,800
		Heating	kW	8.00	10.00	12.50	13.80	16.00
			Btu/h	27,300	34,100	42,700	47,100	54,600
Power	Power Input (Nominal)	Cooling	W	120.00	170.00	170.00	200.00	220.00
		Heating		120.00	170.00	170.00	200.00	220.00
	Current Input (Nominal)	Cooling	A	0.60	0.96	0.96	1.28	1.43
		Heating		0.60	0.96	0.96	1.28	1.43
Fan	Motor	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	-	-	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	16.50/15.00/13.50	29.00/27.00/25.00	31.20/29.00/27.00	34.00/32.00/30.00	36.00/34.00/32.00
			l/s	275.00/250.00/225.00	483.33/450.00/416.67	520.00/483.33/450.00	566.67/533.33/500.00	600.00/566.67/533.33
	External Static Pressure	Min. / Std. / Max.	mmAq	0.00/2.00/4.00	0.00/3.00/6.00	0.00/3.00/6.00	0.00/3.00/6.00	0.00/3.00/6.00
Piping Connections	Liquid Pipe		Φ, mm	9.52	9.52	9.52	9.52	9.52
			Φ, inch	3/8"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe		Φ, mm	15.88	15.88	15.88	15.88	15.88
			Φ, inch	5/8"	5/8"	5/8"	5/8"	5/8"
	Drain Pipe		Φ, mm	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A
	Control Method			EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	38.0/36.0/33.0	37.0/36.0/34.0	37.0/36.0/34.0	37.0/36.0/34.0	39.0/38.0/34.0
	Sound Power	High / Mid / Low	dB(A)	-	-	-	-	-
Dimensions	Net Weight		kg	30.00	44.00	44.00	46.00	46.00
	Shipping Weight		kg	35.00	52.00	52.00	54.00	54.00
	Net Dimensions (WxHxD)		mm	1100 x 199 x 600	1300 x 295 x 690	1300 x 295 x 690	1300 x 295 x 690	1300 x 295 x 690
	Shipping Dimensions (WxHxD)		mm	1350 x 280 x 710	1575 x 370 x 835	1575 x 370 x 835	1575 x 370 x 835	1575 x 370 x 835
Panel Size	Panel Model			-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
	Net Dimensions (WxHxD)		mm	-	-	-	-	-
	Shipping Dimensions (WxHxD)		mm	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump		MDP-E07SSEE3D	MDP-E07SSEE3D	MDP-E07SSEE3D	MDP-E07SSEE3D	MDP-E07SSEE3D
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	Air Filter			-	-	-	-	-

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Optional Accessories

Individual Controllers

MWR-WE10N

MWR-SH00N

MR-DH00

MRK-A10N

Drain Pump

MDP-E07SSEE3D



Neo Forte

- Clean-cut Front Panel
- Silver Accent Line
- Bottom Opening Front Panel
- New Communication Protocol



Model				AM022FNTDEH	AM028FNTDEH	AM036FNTDEH	AM056FNTDEH	AM071FNTDEH
Power Supply				Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode				-	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80	3.60	5.60	6.80
			Btu/h	7,500	9,600	12,300	19,100	23,200
		Heating	kW	2.50	3.20	4.00	6.30	7.00
			Btu/h	8,500	10,900	13,600	21,500	23,900
Power	Power Input (Nominal)	Cooling	W	25.00	25.00	30.00	45.00	50.00
		Heating		25.00	25.00	30.00	45.00	50.00
	Current Input (Nominal)	Cooling	A	0.16	0.16	0.18	0.27	0.30
		Heating		0.16	0.16	0.18	0.27	0.30
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	23 x 1	40 x 1	40 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.80/6.80/5.80	7.80/6.80/5.80	9.30/8.30/7.30	12.00/10.50/9.00	14.00/12.50/11.00
			l/s	130.00/113.33/96.67	130.00/113.33/96.67	155.00/138.33/121.67	200.00/175.00/150.00	233.33/208.33/183.33
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	-	-
			Pa	-	-	-	-	-
Piping Connections	Liquid Pipe		Φ, mm	6.35	6.35	6.35	6.35	9.52
			Φ, inch	1/4"	1/4"	1/4"	1/4"	3/8"
	Gas Pipe		Φ, mm	12.70	12.70	12.70	12.70	15.88
			Φ, inch	1/2"	1/2"	1/2"	1/2"	5/8"
Field Wiring	Drain Pipe		Φ, mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE
	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
Refrigerant	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Type		-	R410A	R410A	R410A	R410A	R410A
Sound	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
	Sound Pressure	High / Mid / Low	dBA	30.0/28.0/26.0	30.0/28.0/26.0	36.0/32.0/28.0	43.0/40.0/37.0	44.0/41.0/37.0
	Sound Power	High / Mid / Low	dBA	-	-	-	-	-
Dimensions	Net Weight		kg	8.00	8.00	8.00	13.00	13.00
	Shipping Weight		kg	11.00	11.00	11.00	16.00	16.00
	Net Dimensions (WxHxD)		mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1065 x 298 x 218	1065 x 298 x 218
	Shipping Dimensions (WxHxD)		mm	904 x 353 x 263	904 x 353 x 263	904 x 353 x 263	1137 x 377 x 299	1137 x 377 x 299
Panel Size	Panel Model		-	-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
	Net Dimensions (WxHxD)		mm	-	-	-	-	-
	Shipping Dimensions (WxHxD)		mm	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	-	-
	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-
Air Filter				-	-	-	-	-

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Optional Accessories

Individual Controllers

MWR-WE10N

MWR-SH00N

MR-DH00

Standard Accessories

Wireless Remote Controller

Neo Forte - E



- Clean-cut Front Panel
- Silver Accent Line
- Bottom Opening Front Panel
- Internal EEV
- New Communication Protocol



Model				AM022FNQDEH	AM028FNQDEH	AM036FNQDEH	AM045FNQDEH	AM056FNQDEH	AM071FNQDEH
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode		-		HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80	3.60	4.50	5.60	6.80
			Btu/h	7,500	9,600	12,300	15,400	19,100	23,200
		Heating	kW	2.50	3.20	4.00	5.00	6.30	7.00
			Btu/h	8,500	10,900	13,600	17,100	21,500	23,900
Power	Power Input (Nominal)	Cooling	W	25.00	25.00	30.00	40.00	45.00	50.00
		Heating		25.00	25.00	30.00	40.00	45.00	50.00
	Current Input (Nominal)	Cooling	A	0.16	0.16	0.18	0.24	0.27	0.30
		Heating		0.16	0.16	0.18	0.24	0.27	0.30
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	23 x 1	40 x 1	40 x 1	40 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.80/6.80/5.80	7.80/6.80/5.80	9.30/8.30/7.30	11.70/10.20/8.70	13.00/10.50/9.00	14.00/12.50/11.00
			l/s	130.00/113.33/96.67	130.00/113.33/96.67	155.00/138.33/121.67	195.00/170.00/145.00	216.67/175.00/150.00	233.33/208.33/183.33
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	-	-	-
			Pa	-	-	-	-	-	-
Piping Connections	Liquid Pipe		Φ, mm	6.35	6.35	6.35	6.35	6.35	9.52
			Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	3/8"
	Gas Pipe		Φ, mm	12.70	12.70	12.70	12.70	12.70	15.88
			Φ, inch	1/2"	1/2"	1/2"	1/2"	1/2"	5/8"
	Drain Pipe		Φ, mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	31.0/29.0/27.0	31.0/29.0/27.0	37.0/33.0/29.0	41.0/40.0/38.0	44.0/41.0/38.0	45.0/42.0/38.0
	Sound Power	High / Mid / Low	dB(A)	-	-	-	-	-	-
Dimensions	Net Weight		kg	8.30	8.30	8.30	13.50	13.50	13.50
	Shipping Weight		kg	11.30	11.30	11.30	16.50	16.50	16.50
	Net Dimensions (WxHxD)		mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1065 x 298 x 218	1065 x 298 x 218	1065 x 298 x 218
	Shipping Dimensions (WxHxD)		mm	904 x 353 x 263	904 x 353 x 263	904 x 353 x 263	1137 x 377 x 299	1137 x 377 x 299	1137 x 377 x 299
Panel Size	Panel Model		-	-	-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-	-
	Net Dimensions (WxHxD)		mm	-	-	-	-	-	-
	Shipping Dimensions (WxHxD)		mm	-	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	-	-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-
	Air Filter		-	-	-	-	-	-	-

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
* The concept of Neo Forte(EEV included) is for commercial application only.

Optional Accessories

Individual Controllers

MWR-WE10N

MWR-SH00N

MR-DH00

Standard Accessories

Wireless Remote Controller



Console

- Slim & Smart Design
- 2Way Air Outlet
- Silent Operation
- New Communication Protocol



Ceiling

- 2Way Installation
- Compact but Powerful
- New Communication Protocol



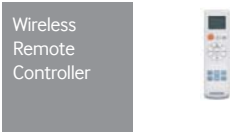
Model				AM028FNJDEH	AM036FNJDEH	AM056FNJDEH
Power Supply		Φ, #, V, Hz	-	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode			-	HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	2.80	3.60	5.60
		Btu/h		9,600	12,300	19,100
	Heating	kW		3.20	4.00	6.30
		Btu/h		10,900	13,600	21,500
Power	Power Input (Nominal)	Cooling	W	30.00	35.00	62.00
		Heating		30.00	35.00	62.00
	Current Input (Nominal)	Cooling	A	0.25	0.29	0.49
		Heating		0.25	0.29	0.49
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan
		Output	W	37 x 1	37 x 1	37 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.00/6.00/5.00	8.50/7.50/6.50	13.00/11.50/10.00
			l/s	116.67/100.00/83.33	141.67/125.00/108.33	216.67/191.67/166.67
Piping Connections	Liquid Pipe	Φ, mm		6.35	6.35	6.35
		Φ, inch		1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm		12.70	12.70	12.70
		Φ, inch		1/2"	1/2"	1/2"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
				0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²			
Refrigerant	Type		-	R410A	R410A	R410A
		Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
	Sound Pressure	High / Mid / Low	dBA	38.0/36.0/34.0	39.0/37.0/34.0	43.0/40.0/37.0
		Sound Power	dBA	-	-	-
Dimensions	Net Weight		kg	16.00	16.00	16.00
		Shipping Weight	kg	21.00	21.00	21.00
	Net Dimensions (WxHxD)		mm	720 x 620 x 199	720 x 620 x 199	720 x 620 x 199
		Shipping Dimensions (WxHxD)	mm	810 x 710 x 295	810 x 710 x 295	810 x 710 x 295
Panel Size	Panel Model		-	-	-	-
		Panel Net Weight	kg	-	-	-
	Shipping Weight		kg	-	-	-
		Net Dimensions (WxHxD)	mm	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-
	Air Filter		-	-	-	-
			-	-	-	-

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Optional Accessories



Standard Accessories



Model				AM056FNCDEH	AM071FNCDEH
Power Supply		Φ, #, V, Hz	-	1,2,220-240,50	1,2,220-240,50
Mode			-	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	5.60	7.10
		Btu/h		19,100	24,200
	Heating	kW		6.30	8.00
		Btu/h		21,500	27,300
Power	Power Input (Nominal)	Cooling	W	72.00	80.00
		Heating		72.00	77.00
	Current Input (Nominal)	Cooling	A	0.33	0.35
		Heating		0.28	0.29
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan
		Output	W	60 x 1	120 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	14.00/13.00/12.00	18.00/16.50/15.00
			l/s	233.33/216.67/200.00	300.00/275.00/250.00
Piping Connections	Liquid Pipe	Φ, mm		6.35	9.52
		Φ, inch		1/4"	3/8"
	Gas Pipe	Φ, mm		12.70	15.88
		Φ, inch		1/2"	5/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5
				0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²		
Refrigerant	Type		-	R410A	R410A
		Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED
	Sound Pressure	High / Mid / Low	dBA	40.0/37.0/34.0	44.0/42.0/40.0
		Sound Power	dBA	-	-
Dimensions	Net Weight		kg	21.00	21.00
		Shipping Weight	kg	25.50	25.50
	Net Dimensions (WxHxD)		mm	1000 x 650 x 200	1000 x 650 x 200
		Shipping Dimensions (WxHxD)	mm	1080 x 730 x 300	1080 x 730 x 300
Panel Size	Panel Model		-	-	-
		Panel Net Weight	kg	-	-
	Shipping Weight		kg	-	-
		Net Dimensions (WxHxD)	mm	-	-
Additional Accessories	Drain Pump	Drain Pump	-	-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-
	Air Filter		-	-	-
			-	-	-

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Optional Accessories



DVMS Specification - Indoor Units



Concealed Floor Standing

- Ideal for installation beneath a window
- Ideal for perimeter refurbishments
- New Communication Protocol



Pre Filter

Model				AM036FNFDEH	AM056FNFDEH	AM071FNFDEH
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode		-		HP / HR	HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	3.60	5.60	7.10
		Btu/h		12,300	19,100	24,200
	Heating	kW		4.00	6.30	8.00
		Btu/h		13,600	21,500	27,300
Power	Power Input (Nominal)	Cooling	W	50.00	110.00	110.00
		Heating		50.00	110.00	110.00
	Current Input (Nominal)	Cooling	A	0.24	0.53	0.53
		Heating		0.24	0.53	0.53
Fan	Motor	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	10.00/8.50/6.00	15.50/14.00/11.00	15.50/14.00/11.00
			l/s	166.67/141.67/100.00	258.33/233.33/183.33	258.33/233.33/183.33
Piping Connections	Liquid Pipe	Φ, mm		6.35	6.35	9.52
		Φ, inch		1/4"	1/4"	3/8"
	Gas Pipe	Φ, mm		12.70	12.70	15.88
		Φ, inch		1/2"	1/2"	5/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
				0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
				0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type			R410A	R410A	R410A
				-	-	-
	Control Method			EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
				-	-	-
Sound	Sound Pressure	High / Mid / Low	dBA	37.0/32.0/27.0	40.0/36.0/32.0	40.0/36.0/32.0
				-	-	-
	Sound Power	High / Mid / Low	dBA	-	-	-
				-	-	-
Dimensions	Net Weight		kg	23.00	28.50	28.50
				27.00	33.30	33.30
	Shipping Weight		kg	27.00	33.30	33.30
				27.00	33.30	33.30
Panel Size	Net Dimensions (WxHxD)		mm	945 x 600 x 220	1225 x 600 x 220	1225 x 600 x 220
				1035 x 690 x 310	1335 x 690 x 310	1335 x 690 x 310
	Shipping Dimensions (WxHxD)		mm	1035 x 690 x 310	1335 x 690 x 310	1335 x 690 x 310
				1035 x 690 x 310	1335 x 690 x 310	1335 x 690 x 310
Additional Accessories	Drain Pump			-	-	-
				-	-	-
	Max. Lifting Height / Displacement		mm / liter/h	-	-	-
				-	-	-
Air Filter				-	-	-
				-	-	-
				-	-	-
				-	-	-

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Optional Accessories



DVMS Specification - ERV Plus



ERV PLUS

- Humidifier element (Optional)
- CO₂ Sensor (Optional)
- Slim Design
- Virus Doctor (Optional)
- Direct Expansion (DX) Coil
- New Diamond Type Element
- New Communication Protocol

Model				AM050FNKDEH	AM100FNKDEH
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50
Mode		-		HP / HR	HP / HR
Performance	Capacity (Nominal)	Cooling	kW	5.10	10.50
		Btu/h		17,400	35,800
	Heating	kW		6.50	13.20
		Btu/h		22,200	45,000
Power	Power Input (Nominal)	Cooling	W	220.00	510.00
		Heating		220.00	510.00
	Current Input (Nominal)	Cooling	A	1.70	3.70
		Heating		1.70	3.70
Fan	Motor	Type		Sirocco Fan / BLDC	Sirocco Fan / BLDC
		Output	W	60 x 2	100 x 2
	Air Flow Rate	High / Mid / Low (UL)	CMM	8.33/-/-	16.67/-/-
			l/s	138.89/-/-	277.78/-/-
Piping Connections	Liquid Pipe	Φ, mm		6.35	6.35
		Φ, inch		1/4"	1/4"
	Gas Pipe	Φ, mm		12.70	12.70
		Φ, inch		1/2"	1/2"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5
				0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50
				0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type			R410A	R410A
				-	-
	Control Method			EEV INCLUDED	EEV INCLUDED
				-	-
Sound	Sound Pressure	High / Mid / Low	dBA	38.5/-/-	40.5/-/-
				-	-
	Sound Power	High / Mid / Low	dBA	-	-
				-	-
Dimensions	Net Weight		kg	61.00	90.00
				75.20	107.50
	Shipping Weight		kg	75.20	107.50
				75.20	107.50
Panel Size	Net Dimensions (WxHxD)		mm	1553 x 270 x 1000	1763 x 340 x 1135
				1847 x 349 x 1300	2027 x 428 x 1424
	Shipping Dimensions (WxHxD)		mm	1847 x 349 x 1300	2027 x 428 x 1424
				1847 x 349 x 1300	2027 x 428 x 1424
Additional Accessories	Drain Pump			-	-
				-	-
	Max. Lifting Height / Displacement		mm / liter/h	-	-
				-	-
Air Filter				-	-
				-	-
				-	-
				-	-

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DVMS Specification - Indoor Units



DVM S Hydro

- 50°C or 80°C Hot Water Supply
- Integrated Control System
- New Communication Protocol

Model				Hydro Unit (HE)	Hydro Unit (HE)	Hydro Unit (HE)	Hydro Unit (HT)	Hydro Unit (HT)	Hydro Unit (HT)	Hydro Unit (HT)
				AM160FNBDEH	AM320FNBDEH	AM500FNBDEH	AM160FNBFEH	AM250FNBFEH	AM160FNBFGH	AM250FNBFGH
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	3,4,380-415,50	3,4,380-415,50
Mode		-		HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	14.00	28.00	44.80	-	-	-	-
			Btu/h	47,800	95,500	152,900	-	-	-	-
		Heating	kW	16.00	31.00	50.40	16.00	25.00	16.00	25.00
			Btu/h	54,600	105,800	172,000	54,600	85,300	54,600	85,300
Power	Power Input (Nominal)	Cooling	W	10.00	10.00	10.00	-	-	-	-
		Heating	W	10.00	10.00	10.00	3100.00	5000.00	3100.00	5000.00
	Current Input (Nominal)	Cooling	A	0.05	0.05	0.05	-	-	-	-
		Heating	A	0.05	0.05	0.05	14.30	23.10	4.85	7.85
Fan	Motor	Type	-	-	-	-	-	-	-	-
		Output	W	-	-	-	-	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	-	-	-	-	-	-	-
			l/s	-	-	-	-	-	-	-
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	-	-	-	-
			Pa	-	-	-	-	-	-	-
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	12.70	9.52	9.52	9.52	9.52	9.52
		Φ, inch	3/8"	3/8"	1/2"	3/8"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe	Φ, mm	15.88	22.22	28.58	15.88	15.88	15.88	15.88	15.88
		Φ, inch	5/8"	7/8"	1 1/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	2.5 ~ 2.5	2.5 ~ 2.5	2.5 ~ 2.5	4 ~ 4	4 ~ 4	2.5 ~ 2.5	2.5 ~ 2.5
		Transmission Cable	mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type	-		R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Control Method	-		EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	27.0/-/-	28.0/-/-	31.0/-/-	42.0/-/-	42.0/-/-	42.0/-/-	42.0/-/-
	Sound Power	High / Mid / Low	dBA	-	-	-	-	-	-	-
Dimensions	Net Weight	kg		29.00	33.00	40.00	104.00	104.00	104.00	104.00
	Shipping Weight	kg		31.00	35.00	42.00	107.00	107.00	107.00	107.00
	Net Dimensions (WxHxD)	mm		518 x 627 x 330	518 x 627 x 330	518 x 627 x 330	518 x 1210 x 330	518 x 1210 x 330	518 x 1210 x 330	518 x 1210 x 330
	Shipping Dimensions (WxHxD)	mm		652 x 700 x 426	652 x 700 x 426	652 x 700 x 426	652 x 1289 x 426	652 x 1289 x 426	652 x 1286 x 426	652 x 1286 x 426
Panel Size	Panel Model	-		-	-	-	-	-	-	-
	Panel Net Weight	kg		-	-	-	-	-	-	-
	Shipping Weight	kg		-	-	-	-	-	-	-
	Net Dimensions (WxHxD)	mm		-	-	-	-	-	-	-
	Shipping Dimensions (WxHxD)	mm		-	-	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	-	-	-	-
	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-	-	-
Air Filter		-		-	-	-	-	-	-	-

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Optional Accessories

Individual Controllers

MWR-WW00N

FJM Lineup - Outdoor Units

FJM Lineup & Feature - Indoor Units

FREE JOINT MULTI

4kW

5kW

5.2kW



6.8kW

7kW

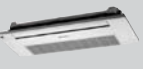
8kW



10kW



Cassette

MODEL		 4Way S (600x600)	 Slim 1Way
CAPACITY	1.6	●	
	2.0	●	
	2.6	●	●
	3.0		
	3.5	●	●
	5.2	●	
FEATURES	 Powerful Airflow	●	●
	 Ceiling Dust Prevention	●	●
	 High Lift-up Drain Pump	●	●
	 Sub Duct	●	
	 Fresh Air Intake	●	

Duct

MODEL		 MSP	 Slim
CAPACITY	2.6		●
	3.5		●
	5.2	●	
FEATURES	 Pre Filter	●	●
	 Easy Filter Cleaning	●	●
	 High Lift-Up Drain Pump	●	●
	 Smart Pressure Control	●	●

Wall-mounted

MODEL		 P Series	 AR9000	 AR7000	 AR5000
CAPACITY	2.0	●		●	●
	2.5	●	●	●	●
	3.5	●	●	●	●
	5.2	●		●	●
	6.8	●		●	●
FEATURES	 Virus Doctor		●	●	
	 Full HD Filter	●	●	●	●
	 good'sleep	●	●	●	●
	 Wi-Fi		●	●	●

Console

MODEL		 Console
CAPACITY	2.6	●
	3.5	●
	5.2	●
FEATURES	 Virus Doctor	●
	 Interior Design	●
	 Anti-virus Filter	●
	 Lightweight Unit	●
	 Flexible Pipe Installation	●



Free Joint Multi

- One Outdoor Unit, Multiple Indoor Units
- Universal Indoor Units
- Twin BLDC Compressor
- Sine Wave Controller
- Sound Insulator for the Compressor
- Easy Installation

Model Name				AJ040FCJ2EH		AJ050FCJ2EH		AJ052FCJ3EH		AJ068FCJ3EH	
Power Supply				Φ, #, V, Hz		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50	
Mode				-		HEAT PUMP		HEAT PUMP		HEAT PUMP	
Performance	HP		HP	1.50		1.80		2.00		2.50	
			Cooling	kW		4.00		5.00		6.80	
	Capacity (Nominal)		Cooling	Btu/h		13,600		17,100		23,200	
			Heating	kW		4.40		5.70		8.00	
Power			Heating	Btu/h		15,000		19,400		27,300	
			Cooling	kW		1.02		1.32		2.00	
	Power Input (Nominal)		Heating	kW		0.99		1.35		1.91	
			Cooling	kW		4.70		6.00		9.20	
	Current Input (Nominal)		Heating	A		4.50		6.20		8.70	
			Cooling	A		9.80 (MCA)		11.80 (MCA)		15.44 (MCA)	
COP			MFA	A		11.25		13.75		17.50	
			Nominal Cooling	-		3.92		3.79		3.85	
Compressor			Nominal Heating	-		4.44		4.22		4.50	
			Type	-		Twin BLDC Rotary x 1		Twin BLDC Rotary x 1		Twin BLDC Rotary x 1	
Oil			Output	kW x n		(4.45)		(4.45)		(1.79)	
			Model Name	-		UG4T150FUDJQSS x 1		UG4T150FUDJQSS x 1		UG4T200FUA4SS x 1	
Fan			POE	-		POE		POE		POE	
			Initial Charge	cc		650		650		650	
Piping Connections			Type	-		Propeller Fan/BLDC		Propeller Fan/BLDC		Propeller Fan/BLDC	
			Output x n	W		35 x 1		35 x 1		45 x 1	
			Air Flow Rate	CMM		30		33		38	
			External Static Pressure	mmAq		506.67		551.67		633.33	
Field Wiring			Pa	-		-		-		-	
			Max. Height	m		-		-		-	
			Max. Length	m		-		-		-	
			Max. Height	m		-		-		-	
Refrigerant			Φ, mm x EA	6.35 x 2		6.35 x 2		6.35 x 3		6.35 x 3	
			Φ, inch x EA	1/4" x 2		1/4" x 2		1/4" x 3		1/4" x 3	
Sound			Φ, mm x EA	9.52 x 2		9.52 x 2		9.52 x 2 + 12.70		9.52 x 2 + 12.70	
			Φ, inch x EA	3/8" x 2		3/8" x 2		3/8" x 2 + 1/2"		3/8" x 2 + 1/2"	
External Dimension			Installation Limitation	m		20(25)		20(25)		20(25)	
			Max. Height	m		15(15)		15(15)		15(15)	
Operating Temp. Range			Power Source Wire	mm2		2.5 ~ 2.5		2.5 ~ 2.5		2.5 ~ 2.5	
			Transmission Cable	mm2		0.75 ~ 1.0		0.75 ~ 1.0		0.75 ~ 1.0	
Refrigerant			Type	-		R410A		R410A		R410A	
			Factory Charging	kg		1.30		1.60		2.20	
Sound			Sound Pressure	dB(A)		45.0		46.0		48.0	
			Sound Power	dB(A)		61.0		61.0		63.0	
External Dimension			Net Weight	kg		37.0		40.0		49.0	
			Shipping Weight	kg		40.0		43.0		53.0	
Operating Temp. Range			Net Dimensions (WxHxD)	mm		790 x 545 x 285		790 x 545 x 285		880 x 638 x 310	
			Shipping Dimensions (WxHxD)	mm		926 x 599 x 382		926 x 599 x 382		1,023 x 889 x 413	
Operating Temp. Range			Cooling	°C		-5.0 ~ 46.0		-5.0 ~ 46.0		-5.0 ~ 46.0	
			Heating	°C		-15.0 ~ 24.0		-15.0 ~ 24.0		-15.0 ~ 24.0	

* Nominal Cooling : Indoor temperature 27°CDB / 19°CWB, Outdoor temperature 35°CDB/24°CWB, Pipe length 5m, Level difference 0m.
* Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
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Free Joint Multi

- One Outdoor Unit, Multiple Indoor Units
- Universal Indoor Units
- Twin BLDC Compressor
- Sine Wave Controller
- Sound Insulator for the Compressor
- Easy Installation

Model Name				AJ070FCJ4EH		AJ080FCJ4EH		AJ100FCJ5EH	
Power Supply				Φ, #, V, Hz		1,2,220-240,50		1,2,220-240,50	
Mode				-		HEAT PUMP		HEAT PUMP	
Performance	HP		HP	2.50		3.00		3.50	
	Capacity (Nominal)	Cooling	kW	7.00		8.00		10.00	
			Btu/h	23,900		27,300		34,100	
		Heating	kW	8.60		9.30		12.00	
			Btu/h	29,300		31,700		40,900	
Power	Power Input (Nominal)	Cooling	kW	1.90		2.30		2.90	
		Heating		2.00		2.20		2.93	
	Current Input (Nominal)	Cooling	A	8.70		10.50		13.30	
		Heating		9.20		10.10		13.40	
	MCA		18.68 (MCA)		18.68 (MCA)		26.12 (MCA)		
	MFA		20.75		20.75		28.75		
COP	Nominal Cooling	-		3.68		3.48		3.45	
	Nominal Heating	-		4.30		4.23		4.10	
Compressor	Type	-		Twin BLDC Rotary x 1		Twin BLDC Rotary x 1		Twin BLDC Rotary x 1	
	Output	kW x n		(7.77)		(7.77)		(11.37)	
	Model Name	-		G8T260FUAEW-SS x 1		G8T260FUAEW-SS x 1		UG8T300FUBJUSG x 1	
	Oil	Type	-	POE		POE		POE	
	Initial Charge	cc		700		700		1200	
Fan	Type	-		Propeller Fan/BLDC		Propeller Fan/BLDC		Propeller Fan/BLDC	
	Output x n	W		124 x 1		124 x 1		150 x 1	
	Air Flow Rate	CMM		46		47		71	
		l/s		770.00		781.67		1,176.67	
	External Static Pressure	Max.	mmAq Pa	- -		- -		- -	
Piping Connections	Liquid Pipe	Φ, mm x EA	6.35 x 4		6.35 x 4		6.35 x 5		
		Φ, inch x EA	1/4" x 4		1/4" x 4		1/4" x 5		
	Gas Pipe	Φ, mm x EA	9.52 x 2 + 12.70 x 2		9.52 x 2 + 12.70 x 2		9.52 x 2 + 12.70 x 3		
		Φ, inch x EA	3/8" x 2 + 1/2" x 2		3/8" x 2 + 1/2" x 2		3/8" x 2 + 1/2" x 3		
	Installation Limitation	Max. Length Max. Height	m m	25(30) 15(15)		25(30) 15(15)		25(30) 15(15)	
Field Wiring	Power Source Wire	mm2	2.5 ~ 2.5		2.5 ~ 2.5		4.0 ~ 4.0		
	Transmission Cable	mm2	0.75 ~ 1.0		0.75 ~ 1.0		0.75 ~ 1.0		
Refrigerant	Type	-	R410A		R410A		R410A		
	Factory Charging	kg	2.80		2.80		3.30		
Sound	Sound Pressure	dB(A)	48.0		49.0		54.0		
	Sound Power	dB(A)	63.0		63.0		70.0		
External Dimension	Net Weight	kg	65.0		65.0		74.5		
	Shipping Weight	kg	70.0		70.0		80.0		
	Net Dimensions (WxHxD)	mm	880 x 798 x 310		880 x 798 x 310		940 x 998 x 330		
	Shipping Dimensions (WxHxD)	mm	1,023 x 889 x 413		1,023 x 889 x 413		995 x 1,096 x 426		
Operating Temp. Range	Cooling	°C	-5.0 ~ 46.0		-5.0 ~ 46.0		-10.0 ~ 46.0		
	Heating	°C	-15.0 ~ 24.0		-15.0 ~ 24.0		-15.0 ~ 24.0		

* Nominal Cooling : Indoor temperature 27°CDB / 19°CWB, Outdoor temperature 35°CDB/24°CWB, Pipe length 5m, Level difference 0m.

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

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4Way Cassette S (600x600)

- Compact and Light Unit
- Virus Doctor (Optional)
- Motion Detect Sensor (Optional)
- No Overflowing Drain Water



Model				AJN016NDEHA	AJN020NDEHA	AJN026NDEHA	AJN035NDEHA	AJN052NDEHA
Power Supply				Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode				-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	Capacity (Nominal)	Cooling	kW	1.60	2.00	2.60	3.50	5.20
			Btu/h	5,500	6,800	8,900	11,900	17,700
		Heating	kW	2.00	2.20	2.90	3.80	5.60
			Btu/h	6,800	7,500	9,900	13,000	19,100
Power	Power Input (Nominal)	Cooling	W	19.00	19.00	19.00	22.00	28.00
		Heating	W	19.00	19.00	19.00	22.00	28.00
	Current Input (Nominal)	Cooling	A	0.51	0.51	0.51	0.52	0.53
		Heating	A	0.51	0.51	0.51	0.52	0.53
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
		Output	W	65 x 1	65 x 1	65 x 1	65 x 1	65 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	9.90/8.20/6.90	9.90/8.20/6.90	9.90/8.20/6.90	10.70/9.00/7.40	12.40/10.70/9.00
			l/s	165.00/136.67/115.00	165.00/136.67/115.00	165.00/136.67/115.00	178.33/150.00/123.33	206.67/178.33/150.00
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	-	-
			Pa	-	-	-	-	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	
		Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	
	Gas Pipe	Φ, mm	9.52	9.52	9.52	9.52	12.70	
		Φ, inch	3/8"	3/8"	3/8"	3/8"	1/2"	
Drain Pipe			Φ, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1	1	1	1	1
	Transmission Cable		mm ²	0.75 ~ 1	0.75 ~ 1	0.75 ~ 1	0.75 ~ 1	0.75 ~ 1
Refrigerant		Type	-	R410A	R410A	R410A	R410A	
		Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	34.0/29.0/27.0	34.0/29.0/27.0	34.0/29.0/27.0	36.0/32.0/28.0	40.0/36.0/33.0
	Sound Power	High / Mid / Low	dB(A)	-	-	-	-	-
Dimensions	Net Weight		kg	11.00	11.00	11.00	11.00	11.70
	Shipping Weight		kg	13.00	13.00	13.00	13.00	13.70
	Net Dimensions (WxHxD)		mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
	Shipping Dimensions (WxHxD)		mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653
Panel Size	Panel Model		-	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB
	Panel Net Weight		kg	2.70	2.70	2.70	2.70	2.70
	Shipping Weight		kg	4.20	4.20	4.20	4.20	4.20
	Net Dimensions (WxHxD)		mm	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670
	Shipping Dimensions (WxHxD)		mm	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	Air Filter		-	-	-	-	-	-

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Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH00

MWR-SH00

MR-DH00

Panel

PC4SUSMB

PC4SUSMF

Slim 1Way Cassette



- Slim and Compact Design
- Quiet Operation
- No Overflowing Drain Water



Model				MH026FSEA	MH035FSEA
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50
Mode			-	HEAT PUMP	HEAT PUMP
Performance	Capacity (Nominal)	Cooling	kW	2.60	3.50
			Btu/h	8,900	11,900
		Heating	kW	2.90	3.80
			Btu/h	9,900	13,000
Power	Power Input (Nominal)	Cooling	W	45.00	50.00
		Heating	W	45.00	50.00
	Current Input (Nominal)	Cooling	A	0.23	0.25
		Heating	A	0.23	0.25
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan
		Output	W	80 x 1	80 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	6.20/5.20/4.20	7.60/6.60/5.60
			I/s	103.33/86.67/70.00	126.67/110.00/93.33
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-
			Pa	-	-
Piping Connections	Liquid Pipe	Φ, mm		6.35	6.35
		Φ, inch		1/4"	1/4"
	Gas Pipe	Φ, mm		9.52	9.52
		Φ, inch		3/8"	3/8"
	Drain Pipe	Φ, mm		VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	30.0/28.0/25.0	32.0/30.0/27.0
	Sound Power	High / Mid / Low	dBA	-	-
Dimensions	Net Weight		kg	11.00	11.00
	Shipping Weight		kg	14.00	14.00
	Net Dimensions (WxHxD)		mm	970 x 135 x 410	970 x 135 x 410
	Shipping Dimensions (WxHxD)		mm	1164 x 212 x 478	1164 x 212 x 478
Panel Size	Panel Model		-	PSSMA	PSSMA
	Panel Net Weight		kg	3.10	3.10
	Shipping Weight		kg	4.50	4.50
	Net Dimensions (WxHxD)		mm	1180 x 25 x 460	1180 x 25 x 460
	Shipping Dimensions (WxHxD)		mm	1259 x 144 x 539	1259 x 144 x 539
Additional Accessories	Drain Pump	Drain Pump	-	-	-
	Max. Lifting Height / Displacement	mm / liter/h		-	-
Air Filter			-	-	-

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Optional Accessories

Individual Controllers

MWR-WE10MWR-WH00MWR-SH00MR-DH00

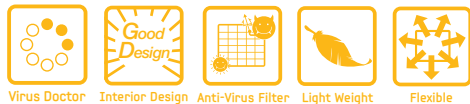
Panel

PSSMAPC1NUPMA

Console



- Slim & Smart Design
- 2Way Outlets
- Silent Operation



Model				MH026FJEA	MH035FJEA	MH052FJEA
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	Capacity (Nominal)	Cooling	kW	2.60	3.50	5.20
			Btu/h	8,900	11,900	17,700
		Heating	kW	2.90	3.80	5.60
			Btu/h	9,900	13,000	19,100
Power	Power Input (Nominal)	Cooling	W	30.00	35.00	50.00
		Heating	W	30.00	35.00	50.00
	Current Input (Nominal)	Cooling	A	0.25	0.29	0.35
		Heating	A	0.25	0.29	0.35
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan
		Output	W	37 x 1	37 x 1	37 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	9.00/7.80/6.70	10.50/9.30/8.20	11.20/9.90/8.60
			I/s	150.00/130.00/111.67	175.00/155.00/136.67	186.67/165.00/143.33
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-
			Pa	-	-	-
Piping Connections	Liquid Pipe	Φ, mm		6.35	6.35	6.35
		Φ, inch		1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm		9.52	9.52	12.70
		Φ, inch		3/8"	3/8"	1/2"
	Drain Pipe	Φ, mm		VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	28.0/26.0/23.0	39.0/32.0/24.0	44.0/34.0/25.0
	Sound Power	High / Mid / Low	dBA	-	-	-
Dimensions	Net Weight		kg	15.00	15.00	15.00
	Shipping Weight		kg	19.00	19.00	19.00
	Net Dimensions (WxHxD)		mm	720 x 620 x 199	720 x 620 x 199	720 x 620 x 199
	Shipping Dimensions (WxHxD)		mm	810 x 710 x 295	810 x 710 x 295	810 x 710 x 295
Panel Size	Panel Model		-	-	-	-
	Panel Net Weight		kg	-	-	-
	Shipping Weight		kg	-	-	-
	Net Dimensions (WxHxD)		mm	-	-	-
	Shipping Dimensions (WxHxD)		mm	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-
	Max. Lifting Height / Displacement	mm / liter/h		-	-	-
Air Filter			-	-	-	-

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Optional Accessories

Individual Controllers

MWR-WE10MWR-WH00MWR-SH00MR-DH00

Standard Accessories

Wireless Remote Controller

MSP Duct



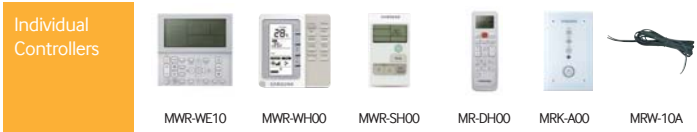
- Narrow Width
- Strong and Large Coverage Area
- Silent Operation with the Static Pressure Control
- Easy to Maintain



Model		MH052FUEA	
Power Supply		Φ, #, V, Hz	1,2.220-240,50
Mode		-	HEAT PUMP
Performance	Capacity (Nominal)	Cooling	kW
		Btu/h	17,700
	Heating	kW	6.00
		Btu/h	20,500
Power	Power Input (Nominal)	Cooling	W
		Heating	170.00
	Current Input (Nominal)	Cooling	A
		Heating	1.04
Fan	Motor	Type	-
		Output	124 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM
		I/s	16.30/15.00/13.50
Piping Connections	Liquid Pipe	Φ, mm	6.35
		Φ, inch	1/4"
	Gas Pipe	Φ, mm	12.70
		Φ, inch	1/2"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²
			1.5 ~ 2.5
	Transmission Cable		mm ²
			0.75 ~ 1.50
Refrigerant	Type	-	R410A
		Control Method	-
	Sound Pressure	High / Mid / Low	dBA
			37.0/35.0/33.0
Dimensions	Net Weight		kg
			29.00
	Shipping Weight		kg
			34.00
Panel Size	Net Dimensions (WxHxD)		mm
			900 x 260 x 480
	Shipping Dimensions (WxHxD)		mm
			1146 x 345 x 584
Additional Accessories	Drain Pump		-
		Max. Lifting Height / Displacement	mm / liter/h
	Air Filter		-
			-

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Optional Accessories



Standard Accessories



Slim Duct



- Flexible Installation
- Easier Drain Pump Installation
- Slim Design
- Easy to Maintain



Model		NJ026LH-XEA		NJ035LH-XEA	
Power Supply		Φ, #, V, Hz	1,2.220-240,50	1,2.220-240,50	
Mode		-	HEAT PUMP	HEAT PUMP	
Performance	Capacity (Nominal)	Cooling	kW	2.60	3.50
		Btu/h	8,900	9,000	11,900
	Heating	kW	2.90	2.90	3.80
		Btu/h	9,900	9,900	13,000
Power	Power Input (Nominal)	Cooling	W	80.00	80.00
		Heating	80.00	80.00	80.00
	Current Input (Nominal)	Cooling	A	0.40	0.40
		Heating	0.40	0.40	0.40
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan
		Output	W	80 x 1	80 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	8.60/7.60/6.60	9.80/8.80/7.80
		I/s	143.33/126.67/110.00	163.33/146.67/130.00	163.33/146.67/130.00
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35
		Φ, inch	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm	9.52	9.52	9.52
		Φ, inch	3/8"	3/8"	3/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type	-	R410A	R410A	R410A
		Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	30.0/28.0/25.0	32.0/30.0/27.0
			dBA	-	-
	Net Weight		kg	26.00	26.00
			kg	31.00	31.00
Dimensions	Net Dimensions (WxHxD)		mm	900 x 199 x 600	900 x 199 x 600
			mm	1133 x 330 x 730	1133 x 330 x 730
	Shipping Dimensions (WxHxD)		mm	1133 x 330 x 730	1133 x 330 x 730
			mm	1133 x 330 x 730	1133 x 330 x 730
Panel Size	Net Dimensions (WxHxD)		mm	-	-
			mm	-	-
	Shipping Dimensions (WxHxD)		mm	-	-
			mm	-	-
Additional Accessories	Drain Pump		-	MDP-E07SSEE3	MDP-E07SSEE3
		Max. Lifting Height / Displacement	mm / liter/h	-	-
	Air Filter		-	-	-
			-	-	-

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Optional Accessories



Standard Accessories



AR9000



- Triangle Design
 - Virus Doctor
 - Full HD Filter
 - Good Sleep
- Wi-Fi
 - Easy Filter



Model				AR09HSSFBWKN	AR12HSSFBWKN
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50
Mode		-		HEAT PUMP	HEAT PUMP
Performance	Capacity (Nominal)	Cooling	kW	2.50	3.5
			Btu/h	8,530	11942
		Heating	kW	3.2	4.0
			Btu/h	10,918	13,648
Power	Power Input (Nominal)	Cooling	W	30	30
		Heating		30	30
	Current Input (Nominal)	Cooling	A	0.3	0.3
		Heating		0.3	0.3
Fan	Motor	Type	-	Cross flow Fan	Cross flow Fan
		Output	W	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	Max 11	Max 12
			l/s	-	-
Piping Connections	Liquid Pipe	Φ, mm		6.35	6.35
			Φ, inch	1/4"	1/4"
	Gas Pipe	Φ, mm		9.52	9.52
			Φ, inch	3/8"	3/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50
	Refrigerant	Type	-	R410A	R410A
		Control Method	-	-	-
Sound	Sound Pressure	High / Mid / Low	dBA	38	40
	Sound Power	High / Mid / Low	dBA	57	59
Dimensions	Net Weight		kg	12.0	12.0
	Shipping Weight		kg	13.5	13.5
Panel Size	Net Dimensions (WxHxD)		mm	936*270*264	936*270*264
	Shipping Dimensions (WxHxD)		mm	1020*345*326	1020*345*326
Additional Accessories	Drain Pump	Drain Pump	-	-	-
	Max. Lifting Height / Displacement	mm / liter/h	-	-	-
Air Filter			-	-	-
			-	-	-

* Nominal Cooling : Indoor temperature 27°CDB / 19°CWB, Outdoor temperature 35°CDB/24°CWB, Pipe length 5m, Level difference 0m.
* Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
* Specifications may be subject to change without prior notice for product improvement.

Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH00

MWR-SH00

MIM-A00

Standard Accessories

Wireless Remote Controller

AR7000



- Triangle Design
 - Virus Doctor
 - Full HD Filter
 - Good Sleep
- Wi-Fi
 - Easy Filter



Model				AR07HSSDBWKN	AR09HSSDBWKN	AR12HSSDBWKN	AR18HSSDBWKN	AR24HSSDBWKN
Power Supply		Φ, #, V, Hz	-	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode		-	-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	Capacity (Nominal)	Cooling	kW	2.0	2.50	3.5	5.0	6.8
			Btu/h	6,824	8,530	11,942	17,060	23,202
		Heating	kW	2.2	3.2	4.0	6.0	8.0
			Btu/h	7,506	10,918	13,648	20,472	27,269
Power	Power Input (Nominal)	Cooling	W	30	30	50	50	60
		Heating	W	30	30	50	50	60
	Current Input (Nominal)	Cooling	A	0.3	0.3	0.4	0.4	0.45
		Heating	A	0.3	0.3	0.4	0.4	0.45
Fan	Motor	Type	-	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan
		Output	W	-	-	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	9.42 / 8.41 / 7.4 / 6.4	Max 11	Max 12	Max 18	Max 19
			l/s	-	-	-	-	-
Piping Connections	Liquid Pipe	Φ, mm	mm ²	6.35	6.35	6.35	6.35	6.35
		Φ, inch		1/4"	1/4"	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm		9.52	9.52	9.52	12.7	15.88
		Φ, inch		3/8"	3/8"	3/8"	1/2"	5/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
		Transmission Cable	mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A
		Control Method	-	-	-	-	-	-
Sound	Sound Pressure	High / Mid / Low	dBA	38	38	40	42	43
			dBA	56	56	58	58	62
	Net Weight		kg	10.2	10.2	10.2	14.1	14.1
		Shipping Weight	kg	12.5	12.5	12.5	16.1	16.1
Dimensions	Net Dimensions (WxHxD)		mm	826*260*275	826*260*275	826*260*275	1063*294*317	1063*294*317
		Shipping Dimensions (WxHxD)	mm	886*317*335	886*317*335	886*317*335	1123*354*384	1123*354*384
Panel Size	Panel Model		-	-	-	-	-	-
		Panel Net Weight	kg	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
		Net Dimensions (WxHxD)	mm	-	-	-	-	-
Additional Accessories	Drain Pump		-	-	-	-	-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	Air Filter		-	-	-	-	-	-
			-	-	-	-	-	-

* Nominal Cooling : Indoor temperature 27°CDB / 19°CWB, Outdoor temperature 35°CDB/24°CWB, Pipe length 5m, Level difference 0m.
* Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
* Specifications may be subject to change without prior notice for product improvement.

Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH00

MWR-SH00

MIM-A00

Standard Accessories

Wireless Remote Controller

AR5000



- Triangle Design
- Full HD Filter
- Good Sleep
- Wi-Fi
- Easy Filter



Triangle Design



Full HD Filter



Good Sleep



Wi-Fi



Easy Filter

Type	AR5000 (Type1)			AR5000 (Type1)			AR5000 (Type1)			AR5000 (Type1)			AR5000 (Type1)		
Model	AR07HSFSAWKN			AR09HSFSBWKN			AR12HSFSAWKN			AR18HSFSAWKN			AR24HSFSAWKN		
Power Supply	Φ, V, Hz			1,2,220-240,50			1,2,220-240,50			1,2,220-240,50			1,2,220-240,50		
Mode	-			HEAT PUMP			HEAT PUMP			HEAT PUMP			HEAT PUMP		
Performance	Capacity (Nominal)	Cooling	kW	2.0			2.5			3.5			5		
			Btu/h	6,824			8,530			11,942			17,060		
		Heating	kW	2.2			3.3			4			6		
			Btu/h	7,506			11,260			13,648			20,472		
Power	Power Input (Nominal)	Cooling	W	30			30			50			50		
		Heating	W	30			30			50			50		
	Current Input (Nominal)	Cooling	A	0.3			0.3			0.4			0.4		
		Heating	A	0.3			0.3			0.4			0.4		
Fan	Motor	Type	-	Cross flow Fan			Cross flow Fan			Cross flow Fan			Cross flow Fan		
		Output	W	-			-			-			-		
	Air Flow Rate	High / Mid / Low (UL)	CMM	8.41 / 8.08 / 7.4 / 6.74			Max 11			Max 12			Max 19		
			l/s	-			-			-			-		
Piping Connections	Liquid Pipe	Φ, mm	mm ²	6.35			6.35			6.35			6.35		
			inch	1/4"			1/4"			1/4"			1/4"		
	Gas Pipe	Φ, mm	mm ²	9.52			9.52			9.52			12.7		
			inch	3/8"			3/8"			3/8"			1/2"		
Field Wiring	Drain Pipe	Φ, mm	mm ²	-			-			-			-		
			mm ²	1.5 ~ 2.5			1.5 ~ 2.5			1.5 ~ 2.5			1.5 ~ 2.5		
	Power Source Wire	Below 20m / Over 20m	mm ²	0.75 ~ 1.50			0.75 ~ 1.50			0.75 ~ 1.50			0.75 ~ 1.50		
			mm ²	0.75 ~ 1.50			0.75 ~ 1.50			0.75 ~ 1.50			0.75 ~ 1.50		
Refrigerant	Type	-	-	R410A			R410A			R410A			R410A		
	Control Method	-	-	-			-			-			-		
Sound	Sound Pressure	High / Mid / Low	dBA	36			36			37			41		
	Sound Power	High / Mid / Low	dBA	54			54			56			58		
Dimensions	Net Weight	-	kg	9.5			9.5			9.5			13.2		
	Shipping Weight	-	kg	11.3			11.3			11.3			15.4		
	Net Dimensions (WxHxD)	-	mm	826*260*275			826*260*275			826*260*275			1063*294*317		
	Shipping Dimensions (WxHxD)	-	mm	886*317*335			886*317*335			886*317*335			1123*354*384		
Panel Size	Panel Model	-	-	-			-			-			-		
	Panel Net Weight	-	kg	-			-			-			-		
	Shipping Weight	-	kg	-			-			-			-		
	Net Dimensions (WxHxD)	-	mm	-			-			-			-		
	Shipping Dimensions (WxHxD)	-	mm	-			-			-			-		
Additional Accessories	Drain Pump	Drain Pump	-	-			-			-			-		
		Max. Lifting Height / Displacement	mm / liter/h	-			-			-			-		
	Air Filter	-	-	-			-			-			-		
		-	-	-			-			-			-		

* Nominal Cooling : Indoor temperature 27°CDB / 19°CWB, Outdoor temperature 35°CDB/24°CWB, Pipe length 5m, Level difference 0m.

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

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

Optional Accessories

Standard Accessories

Individual Controllers

MWR-WE10

MWR-WH00

MWR-SH00

MIM-A00

Wireless Remote Controller

AR5000



- Triangle Design
- Full HD Filter
- Good Sleep
- Wi-Fi
- Easy Filter



Triangle Design



Full HD Filter



Good Sleep



Wi-Fi



Easy Filter

Type	AR5000 (Type2)			AR5000 (Type2)			AR5000 (Type2)			AR5000 (Type2)			
Model	AR07HSFNBWKN			AR09HSFNBWKN			AR12HSFNBWKN			AR18HSFNBWKN			
Power Supply	Φ, #, V, Hz			1,2,220-240,50			1,2,220-240,50			1,2,220-240,50			
Mode	-			HEAT PUMP			HEAT PUMP			HEAT PUMP			
Performance	Capacity (Nominal)	Cooling	kW	2.0			2.5			3.5			
			Btu/h	6,824			8,530			11,942			
		Heating	kW	2.2			3.3			4			
			Btu/h	7,506			11,260			13,648			
Power	Power Input (Nominal)	Cooling	W	30			30			50			
		Heating	W	30			30			50			
	Current Input (Nominal)	Cooling	A	0.3			0.3			0.4			
		Heating	A	0.3			0.3			0.4			
Fan	Motor	Type	-			Cross flow Fan			Cross flow Fan				
		Output	W			-			-				
	Air Flow Rate	High / Mid / Low (UL)	CMM	8.41 / 8.08 / 7.4 / 6.74			Max 11			Max 12			
			l/s	-			-			-			
	External Static Pressure	Min. / Std. / Max.	mmAq	-			-			-			
			Pa	-			-			-			
Piping Connections	Liquid Pipe	Φ, mm	6.35			6.35			6.35				
		Φ, inch	1/4"			1/4"			1/4"				
	Gas Pipe	Φ, mm	9.52			9.52			9.52				
		Φ, inch	3/8"			3/8"			3/8"				
Drain Pipe	Φ, mm	-			-			-					
	Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5			1.5 ~ 2.5			1.5 ~ 2.5		
Refrigerant	Transmission Cable		mm ²	0.75 ~ 1.50			0.75 ~ 1.50			0.75 ~ 1.50			
	Type	-			R410A			R410A					
Sound	Control Method	-			-			-					
	Sound Pressure	High / Mid / Low	dBA	36			36			37			
Dimensions	Sound Power	High / Mid / Low	dBA	54			54			56			
	Net Weight	kg			9.5			9.5			9.5		
	Shipping Weight	kg			11.3			11.3			11.3		
	Net Dimensions (WxHxD)	mm			826*260*275			826*260*275			826*260*275		
	Shipping Dimensions (WxHxD)	mm			886*317*335			886*317*335			886*317*335		
Panel Size	Panel Model	-			-			-			-		
	Panel Net Weight	kg			-			-			-		
	Shipping Weight	kg			-			-			-		
	Net Dimensions (WxHxD)	mm			-			-			-		
	Shipping Dimensions (WxHxD)	mm			-			-			-		
Additional Accessories	Drain Pump	Drain Pump	-			-			-				
		Max. Lifting Height / Displacement	mm / liter/h	-			-			-			
	Air Filter	-			-			-			-		

* Nominal Cooling : Indoor temperature 27°CDB / 19°CWB, Outdoor temperature 35°CDB/24°CWB, Pipe length 5m, Level difference 0m.

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

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

Optional Accessories

Standard Accessories

Individual Controllers

MWR-WE10

MWR-WH00

MWR-SH00

MIM-A00

Wireless Remote Controller



P Series (Maldives)

- Full HD Filter
- Smart Saver
- Turbo Cooling
- Smart Inverter



Model				AR07FSFPDGMNEU	AR09FSFPDGMNET	AR12FSFPDGMNET	AR18FSFPDGMNEU	AR24FSFPDGMNEU
Power Supply		Φ, #, V, Hz	-	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode		-	-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	Capacity (Nominal)	Cooling	kW	2.00	2.50	3.50	5.00	6.80
			Btu/h	6,800	8,500	11,900	17,100	23,200
		Heating	kW	2.20	3.30	4.00	6.00	7.80
			Btu/h	7,500	11,300	13,600	20,500	26,600
Power	Power Input (Nominal)	Cooling	W	30.00	35.00	40.00	35.00	53.00
		Heating	W	30.00	35.00	40.00	35.00	53.00
	Current Input (Nominal)	Cooling	A	0.18	0.19	0.20	0.30	0.46
		Heating	A	0.18	0.19	0.20	0.30	0.46
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	23 x 1	27 x 1	27 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.90/7.00/6.10	9.40/8.70/7.90	10.10/9.00/7.90	14.20/12.30/11.20	17.80/14.30/10.60
			l/s	131.67/116.67/101.67	156.67/145.00/131.67	168.33/150.00/131.67	236.67/205.00/186.67	296.67/238.33/176.67
Piping Connections	Liquid Pipe	Φ, mm	mm	6.35	6.35	6.35	6.35	6.35
		Φ, inch	inch	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm	mm	9.52	9.52	9.52	12.70	15.88
		Φ, inch	inch	3/8"	3/8"	3/8"	1/2"	5/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
		Transmission Cable	mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
	Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A
		Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	36.0/29.0/21.0	37.0/-/25.0	38.0/-/25.0	39.0/-/26.0	44.0/-/28.0
		Sound Power	dB(A)	-	-	-	-	-
	Dimensions	Net Weight	kg	9.00	9.00	9.00	13.00	13.00
		Shipping Weight	kg	11.00	11.00	11.00	16.00	16.00
Panel Size	Net Dimensions (WxHxD)	mm	mm	820 x 286 x 205	820 x 285 x 205	820 x 285 x 205	1065 x 298 x 230	1065 x 298 x 230
		Shipping Dimensions (WxHxD)	mm	892 x 355 x 263	892 x 355 x 263	892 x 355 x 263	1137 x 377 x 299	1137 x 377 x 299
	Additional Accessories	Drain Pump	mm / liter/h	-	-	-	-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
Air Filter	Air Filter	-	-	-	-	-	-	-
		-	-	-	-	-	-	-
	Air Filter	-	-	-	-	-	-	-
		-	-	-	-	-	-	-

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH00

MWR-SH00

MIM-A00

Standard Accessories

Wireless Remote Controller

FJM Capacity Combination



COOLING

Outdoor Unit		Indoor Index					Cooling Capacity (W)		Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C	SEASONAL EFFICIENCY (ACCORDING EN14825)
		A	B	C	D	Total	A	B	W			W			A				
									MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX		
A040FCJ2EH	2 Unit	2000	2000			4000	2000	2000	1250	4000	4500	300	1180	1330	1.7	5.4	6.1	3.39	A++
		2000	2500			4500	1780	2220	1300	4000	4500	350	1180	1330	1.9	5.4	6.1	3.39	A++
		2000	3500			5500	1450	2550	1300	4000	4500	350	1180	1330	1.9	5.4	6.1	3.39	A++
		2500	2500			5000	2000	2000	1300	4000	4500	350	1180	1330	1.9	5.4	6.1	3.39	A++
		2500	3500			6000	1670	2330	1300	4000	4500	350	1020	1330	1.9	4.7	6.1	3.92	A++

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - Wall Mounted Type (AR**HSSDBWKNEU)
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

COOLING

Outdoor Unit		Indoor Index					Cooling Capacity (W)		Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C	SEASONAL EFFICIENCY (ACCORDING EN14825)
		A	B	C	D	Total	A	B	W			W			A				
									MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX		
A050FCJ2EH	2 Unit	2000	2000			4000	2000	2000	1300	4000	4800	350	1245	1490	1.9	5.7	6.8	3.21	A+
		2000	2500			4500	2040	2560	1300	4600	5200	350	1430	1720	1.9	6.5	7.9	3.22	A+
		2000	3500			5500	1820	3180	1400	5000	5400	350	1490	1780	1.9	6.8	8.1	3.36	A++
		2000	5000			7000	1430	3570	1400	5000	5400	350	1450	1800	1.9	6.6	8.2	3.45	A++
		2500	2500			5000	2500	2500	1400	5000	5400	350	1500	1780	1.9	6.9	8.1	3.33	A++
		2500	3500			6000	2080	2920	1400	5000	5400	350	1500	1780	1.9	6.9	8.1	3.33	A++
		2500	5000			7500	1670	3330	1400	5000	5400	350	1450	1700	1.9	6.6	7.8	3.45	A++
		3500	3500			7000	2500	2500	1400	5000	5400	350	1500	1780	1.9	6.9	8.1	3.33	A++
		3500	5000			8500	2060	2940	1400	5000	5400	350	1320	1700	1.9	6.0	7.8	3.79	A++

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - Wall Mounted Type (AR**HSSDBWKNEU)
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

HEATING

Outdoor Unit		Indoor Index					Heating Capacity (W)		Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C	SEASONAL EFFICIENCY (ACCORDING EN14825)
		A	B	C	D	Total	A	B	W			W			A				
									MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX		
A040FCJ2EH	2 Unit	2200	2200			4400	2200	2200	1000	4400	4700	280	1160	1390	1.4	5.3	6.4	3.79	A+
		2200	3200			5400	1760	2640	1000	4400	4700	280	1160	1400	1.4	5.3	6.4	3.79	A+
		2200	4000			6200	1560	2840	1000	4400	4700	280	1160	1400	1.4	5.3	6.4	3.79	A+
		3200	3200			6400	2200	2200	1000	4400	4700	280	1160	1400	1.4	5.3	6.4	3.79	A+
		3200	4000			7200	1990	2410	1000	4400	4700	280	990	1400	1.4	4.5	6.4	4.44	A

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - Wall Mounted Type (AR**HSSDBWKNEU)
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

HEATING

Outdoor Unit		Indoor Index					Heating Capacity (W)		Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C	SEASONAL EFFICIENCY (ACCORDING EN14825)
		A	B	C	D	Total	A	B	W			W			A				
									MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX		
A050FCJ2EH	2 Unit	2200	2200			4400	2200	2200	1100	4400	4750	280	1220	1390	1.4	5.6	6.4	3.61	A+
		2200	3200			5400	2040	3060	1100	5100	5460	280	1410	1610	1.4	6.5	7.4	3.62	A+
		2200	4000			6200	2020	3680	1100	5700	6300	280	1520	1900	1.4	7.0	8.7	3.75	A+
		2200	6000			8200	1530	4170	1100	5700	6400	280	1440	1800	1.4	6.6	8.2	3.96	A
		3200	3200			6400	2850	2850	1100	5700	6300	208	1550	1940	1.4	7.1	8.9	3.68	A+
		3200	4000			7200	2580	3120	1100	5700	6300	280	1550	1850	1.4	7.1	8.5	3.68	A+
		3200	6000			9200	2020	3680	1100	5700	6400	280	1440	1750	1.4	6.6	8.0	3.96	A
		4000	4000			8000	2850	2850	1100	5700	6300	280	1470	1840	1.4	6.7	8.4	3.88	A
		4000	6000			10000	2280	3420	1100	5700	6400	280	1350	1750	1.4	6.2	8.0	4.22	A

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - Wall Mounted Type (AR**HSSDBWKNEU)
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

FJM Capacity Combination



COOLING

COOLING																				
Outdoor Unit		Indoor Index					Cooling Capacity (W)			Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C	SEASONAL EFFICIENCY (ACCORDING EN14825)
		A	B	C	D	Total	A	B	C	W			W			A				
										MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX		
A052FC3EH	2 Unit	2000	2000			4000	2000	2000		1300	4000	4800	440	1240	1630	2.3	5.7	7.5	3.23	A+
		2000	2500			4500	2040	2560		1300	4600	5520	440	1410	1850	2.3	6.5	8.5	3.26	A+
		2000	3500			5500	1820	3180		1300	5000	6290	450	1520	2000	2.3	7.0	9.2	3.29	A++
		2000	5000			7000	1490	3710		1380	5200	6600	450	1540	2040	2.3	7.0	9.3	3.38	A+
		2500	2500			5000	2500	2500		1300	5000	5800	440	1550	1980	2.3	7.1	9.1	3.23	A++
		2500	3500			6000	2080	2920		1300	5000	6400	450	1510	2020	2.3	6.9	9.2	3.31	A++
		2500	5000			7500	1730	3470		1380	5200	6800	450	1540	2070	2.3	7.0	9.5	3.38	A+
		3500	3500			7000	2600	2600		1300	5200	6560	450	1540	2040	2.3	7.0	9.3	3.38	A+
	3 Unit	2000	2000	2000		6000	1730	1730	1740	1700	5200	6380	450	1500	2020	2.3	6.9	9.2	3.47	A+
		2000	2000	2500		6500	1600	1600	2000	1700	5200	6490	450	1530	2040	2.3	7.0	9.3	3.40	A+
		2000	2000	3500		7500	1390	1390	2420	1700	5200	6800	460	1420	2070	2.4	6.5	9.5	3.66	A+
		2000	2500	2500		7000	1480	1860	1860	1700	5200	6600	450	1390	2040	2.3	6.4	9.3	3.74	A+
		2000	2500	3500		8000	1300	1630	2270	1700	5200	6800	460	1420	2070	2.4	6.5	9.5	3.66	A+
		2500	2500	2500		7500	1730	1730	1740	1700	5200	6800	460	1350	2070	2.4	6.2	9.5	3.85	A+

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - Wall Mounted Type (AR**HSSDBWKNEU)
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

HEATING

HEATING																				
Outdoor Unit		Indoor Index					Heating Capacity (W)			Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C	SEASONAL EFFICIENCY (ACCORDING EN14825)
		A	B	C	D	Total	A	B	C	W			W			A				
										MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX		
A052FC3EH	2 Unit	2200	2200			4400	2200	2200		1400	4400	5060	350	1220	1510	1.9	5.6	6.9	3.61	A+
		2200	3200			5400	2040	3060		1400	5100	5870	350	1410	1830	1.9	6.5	8.4	3.62	A
		2200	4000			6200	1990	3610		1400	5600	6440	350	1540	1860	1.9	7.0	8.5	3.64	A
		2200	6000			8200	1610	4390		1400	6000	6900	350	1660	1860	1.9	7.6	8.5	3.61	A
		3200	3200			6400	2900	2900		1400	5800	6300	350	1600	1910	1.9	7.3	8.7	3.63	A+
		3200	4000			7200	2620	3180		1400	5800	6300	350	1600	1910	1.9	7.3	8.7	3.63	A
		3200	6000			9200	2240	4060		1400	6300	7300	350	1740	1830	1.9	8.0	8.4	3.62	A
		4000	4000			8000	2950	2950		1400	5900	6880	350	1630	1860	1.9	7.5	8.5	3.62	A
	3 Unit	2200	2200	2200		6600	1930	1930	1940	1400	5800	6760	350	1590	1840	1.9	7.3	8.4	3.65	A
		2200	2200	3200		7600	1690	1690	2520	1400	5900	6840	350	1650	1840	1.9	7.6	8.4	3.58	A
		2200	2200	4000		8400	1650	1650	3000	1400	6300	7300	350	1660	1830	1.9	7.6	8.4	3.80	A
		2200	3200	3200		8600	1500	2250	2250	1400	6000	6920	350	1590	1840	1.9	7.3	8.4	3.77	A
		2200	3200	4000		9400	1460	2190	2650	1400	6300	7300	350	1630	1830	1.9	7.5	8.4	3.87	A
		3200	3200	3200		9600	2100	2100	2100	1400	6300	7300	350	1400	1830	1.9	6.4	8.4	4.50	A

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - Wall Mounted Type (AR**HSSDBWKNEU)
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

FJM Capacity Combination



COOLING																				
Outdoor Unit		Indoor Index				Cooling Capacity (W)				Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C	SEASONAL EFFICIENCY (ACCORDING EN14825)
		A	B	C	D	Total	A	B	C	MIN	NOM	MAX	MIN	W	MAX	MIN	NOM	MAX		
A/D068CJ3EH	2 Unit	2000	2000			4000	2000	2000		1300	4000	4800	420	1240	1480	2.3	5.7	6.8	3.23	A+
		2000	2500			4500	2000	2500		1300	4500	5520	420	1410	1680	2.3	6.5	7.7	3.19	A+
		2000	3500			5500	2000	3500		1300	5500	6550	420	1830	2470	2.3	8.4	11.3	3.01	A+
		2000	5000			7000	1860	4640		1300	6500	7740	420	2000	2690	2.3	9.2	12.3	3.25	A+
		2500	2500			5000	2500	2500		1300	5000	5950	420	1660	2260	2.3	7.6	10.3	3.01	A+
		2500	3500			6000	2500	3500		1300	6000	7140	420	1980	2670	2.3	9.1	12.2	3.03	A+
		2500	5000			7500	2270	4530		1380	6800	8090	430	2090	2660	2.3	9.6	12.2	3.25	A+
		3500	3500			7000	3250	3250		1300	6500	7740	420	2010	2700	2.3	9.2	12.4	3.23	A+
		3500	5000			8500	2800	4000		1380	6800	8090	430	2100	2670	2.3	9.6	12.2	3.24	A+
		5000	5000			10000	3400	3400		1380	6800	8090	430	2060	2660	2.3	9.4	12.2	3.30	A+
	3 Unit	2000	2000	2000		6000	2000	2000	2000	1800	6000	7400	440	1970	2650	2.3	9.0	12.1	3.05	A+
		2000	2000	2500		6500	2000	2000	2500	1800	6500	8000	440	2000	2690	2.3	9.2	12.3	3.25	A++
		2000	2000	3500		7500	1810	1810	3180	1800	6800	8400	440	2070	2700	2.3	9.5	12.4	3.29	A+
		2000	2000	5000		9000	1510	1510	3780	1800	6800	8400	440	2000	2690	2.3	9.2	12.3	3.40	A+
		2000	2500	2500		7000	1860	2320	2320	1800	6500	8000	440	2030	2690	2.3	9.3	12.3	3.20	A++
		2000	2500	3500		8000	1700	2130	2970	1800	6800	8400	440	2090	2690	2.3	9.6	12.3	3.25	A+
		2000	2500	5000		9500	1430	1790	3580	1800	6800	8400	440	2010	2690	2.3	9.2	12.3	3.38	A+
		2000	3500	3500		9000	1520	2640	2640	1800	6800	8400	440	2010	2700	2.3	9.2	12.4	3.38	A+
		2000	3500	5000		10500	1300	2270	3230	1800	6800	8400	440	2050	2700	2.3	9.4	12.4	3.32	A+
		2500	2500	2500		7500	2260	2270	2270	1800	6800	8400	440	2060	2690	2.3	9.4	12.3	3.30	A+
		2500	2500	3500		8500	2000	2000	2800	1800	6800	8400	440	2130	2700	2.3	9.7	12.4	3.19	A+
		2500	2500	5000		10000	1700	1700	3400	1800	6800	8400	440	2030	2690	2.3	9.3	12.3	3.35	A+
		2500	3500	3500		9500	1780	2510	2510	1800	6800	8400	440	2020	2700	2.3	9.2	12.4	3.37	A+
		2500	3500	5000		11000	1550	2160	3090	1800	6800	8400	440	2070	2700	2.3	9.5	12.4	3.29	A+
		3500	3500	3500		10500	2260	2270	2270	1800	6800	8400	440	2000	2710	2.3	9.2	12.4	3.40	A+

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - Wall Mounted Type (AR**HSSDBWKNEU)
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

HEATING																				
Outdoor Unit		Indoor Index				Heating Capacity (W)			Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	
		A	B	C	D	Total	A	B	C	W			W			A				
										MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM		MAX	
A052FC3EH	2 Unit	2200	2200			4400	2200	2200		1400	4400	5060	380	1220	1600	1.9	5.6	7.3	3.61	A+
		2200	3200			5400	2200	3300		1400	5500	6330	380	1490	2000	1.9	6.8	9.2	3.69	A
		2200	4000			6200	2200	4000		1400	6200	7130	380	1670	2300	1.9	7.6	10.5	3.71	A
		2200	6000			8200	2090	5710		1400	7800	8970	380	1990	2700	1.9	9.1	12.4	3.92	A+
		3200	3200			6400	3300	3300		1400	6600	7590	380	1890	2600	1.9	8.6	11.9	3.49	A+
		3200	4000			7200	3300	4000		1400	7300	8400	380	1950	2600	1.9	8.9	11.9	3.74	A
		3200	6000			9200	2770	5030		1400	7800	8970	380	2040	2800	1.9	9.3	12.8	3.82	A+
		4000	4000			8000	3900	3900		1400	7800	8970	380	1990	2700	1.9	9.1	12.4	3.92	A+
		4000	6000			10000	3200	4800		1400	8000	9200	380	2090	2800	1.9	9.6	12.8	3.83	A+
		6000	6000			12000	4000	4000		1400	8000	9200	380	2080	2800	1.9	9.5	12.8	3.85	A+
	3 Unit	2200	2200	2200		6600	2200	2200	2200	1400	6600	8100	380	1760	2400	1.9	8.1	11.0	3.75	A
		2200	2200	3200		7600	2200	2200	3300	1400	7700	9500	380	1830	2500	1.9	8.4	11.4	4.21	A
		2200	2200	4000		8400	2100	2100	3800	1400	8000	9800	380	1920	2600	1.9	8.8	11.9	4.17	A
		2200	2200	6000		10400	1690	1690	4620	1400	8000	9800	380	1960	2600	1.9	9.0	11.9	4.08	A
		2200	3200	3200		8600	2000	3000	3000	1400	8000	9800	380	1880	2500	1.9	8.6	11.4	4.26	A+
		2200	3200	4000		9400	1850	2780	3370	1400	8000	9800	380	1910	2600	1.9	8.7	11.9	4.19	A
		2200	3200	6000		11400	1530	2300	4170	1400	8000	9800	380	1920	2600	1.9	8.8	11.9	4.17	A
		2200	4000	4000		10200	1720	3140	3140	1400	8000	9800	380	1960	2600	1.9	9.0	11.9	4.08	A
		2200	4000	6000		12200	1450	2620	3930	1400	8000	9800	380	1950	2600	1.9	8.9	11.9	4.10	A
		3200	3200	3200		9600	2660	2670	2670	1400	8000	9800	380	1930	2600	1.9	8.8	11.9	4.15	A
		3200	3200	4000		10400	2490	2490	3020	1400	8000	9800	380	1910	2600	1.9	8.7	11.9	4.19	A+
		3200	3200	6000		12400	2100	2100	3800	1400	8000	9800	380	1950	2600	1.9	8.9	11.9	4.10	A+
		3200	4000	4000		11200	2340	2830	2830	1400	8000	9800	380	1930	2600	1.9	8.8	11.9	4.15	A
		3200	4000	6000		13200	1980	2410	3610	1400	8000	9800	380	1980	2700	1.9	9.1	12.4	4.04	A
		4000	4000	4000		12000	2660	2670	2670	1400	8000	9800	380	1910	2600	1.9	8.7	11.9	4.19	A+

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - Wall Mounted Type (AR**HSSDBWKNEU)
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

FJM Capacity Combination



COOLING

COOLING																						
Outdoor Unit		Indoor Index					Cooling Capacity (W)					Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C	SEASONAL EFFICIENCY (ACCORDING EN14825)
		A	B	C	D	Total	A	B	C	D	W			W			A					
											MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX			
A070FC4EH	2 Unit	2000	2000			4000	2000	2000			1500	4000	4800	410	1240	1490	1.9	5.7	6.8	3.23	A+	
		2000	2500			4500	2040	2560			1690	4600	5520	420	1430	1720	1.9	6.5	7.9	3.22	A+	
		2000	3500			5500	2000	3500			1770	5500	6600	430	1710	2050	2	7.8	9.4	3.22	A+	
		2000	5000			7000	2000	5000			1900	7000	8400	580	2180	2520	2.7	10.0	11.5	3.21	A	
		2500	2500			5000	2600	2600			1750	5200	6240	420	1660	2000	1.9	7.6	9.2	3.13	A+	
		2500	3500			6000	2540	3560			1820	6100	7320	440	1880	2260	2	8.6	10.3	3.24	A+	
		2500	5000			7500	2330	4670			1900	7000	8400	580	2180	2540	2.7	10.0	11.6	3.21	A	
		3500	3500			7000	3500	3500			1900	7000	8000	580	2490	2620	2.7	11.4	12.0	2.81	A	
		3500	5000			8500	2880	4120			1900	7000	8900	580	2110	2540	2.7	9.7	11.6	3.32	A	
		5000	5000			10000	3500	3500			1900	7000	8900	580	2000	2540	2.7	9.2	11.6	3.50	A	
	3 Unit	2000	2000	2000		6000	2000	2000	2000		1810	6000	7200	440	1800	2280	2	8.2	10.4	3.33	A	
		2000	2000	2500		6500	2030	2030	2540		1870	6600	7920	440	1830	2460	2	8.4	11.3	3.61	A	
		2000	2000	3500		7500	1780	1780	3120		1900	6680	8020	580	1835	2410	2.7	8.4	11.0	3.64	A	
		2000	2000	5000		9000	1560	1560	3880		1900	7000	8900	580	1850	2460	2.7	8.5	11.3	3.78	A+	
		2000	2500	2500		7000	1910	2370	2370		1900	6650	7980	580	1830	2410	2.7	8.4	11.0	3.63	A+	
		2000	2500	3500		8000	1690	2110	2940		1900	6740	8080	580	1840	2460	2.7	8.4	11.3	3.66	A	
		2000	2500	5000		9500	1480	1840	3680		1900	7000	8900	580	1880	2460	2.7	8.6	11.3	3.72	A+	
		2000	3500	3500		9000	1520	2650	2650		1900	6820	8180	580	1850	2510	2.7	8.5	11.5	3.69	A	
		2000	3500	5000		10500	1340	2330	3330		1900	7000	8900	580	1930	2510	2.7	8.8	11.5	3.63	A	
		2500	2500	2500		7500	2240	2240	2240		1900	6720	8050	580	1840	2420	2.7	8.4	11.1	3.65	A	
		2500	2500	3500		8500	2000	2000	2790		1900	6790	8150	580	1850	2460	2.7	8.5	11.3	3.67	A	
		2500	2500	5000		10000	1750	1750	3500		1900	7000	8900	580	1880	2510	2.7	8.6	11.5	3.72	A+	
		2500	3500	3500		9500	1840	2580	2580		1900	7000	8900	580	1880	2460	2.7	8.6	11.3	3.72	A+	
		3500	3500	3500		10500	2330	2330	2330		1900	6990	8900	580	1900	2510	2.7	8.7	11.5	3.68	A+	
	4 Unit	2000	2000	2000	2000	8000	1680	1680	1680	1680	1900	6720	8070	580	1850	2460	2.7	8.5	11.3	3.63	A	
		2000	2000	2000	2500	8500	1600	1600	1600	1980	1900	6780	8140	580	1880	2460	2.7	8.6	11.3	3.61	A	
		2000	2000	2000	3500	9500	1470	1470	1470	2590	1900	7000	8900	580	1900	2460	2.7	8.7	11.3	3.68	A+	
		2000	2000	2500	2500	9000	1560	1560	1940	1940	1900	7000	8900	580	1880	2460	2.7	8.6	11.3	3.72	A+	
		2000	2000	2500	3500	10000	1400	1400	1750	2450	1900	7000	8900	580	1900	2510	2.7	8.7	11.5	3.68	A+	
		2000	2500	2500	2500	9500	1480	1840	1840	1840	1900	7000	8900	580	1900	2460	2.7	8.7	11.3	3.68	A+	
		2000	2500	2500	3500	10500	1330	1670	1670	2330	1900	7000	8900	580	1930	2550	2.7	8.8	11.7	3.63	A	
		2500	2500	2500	2500	10000	1750	1750	1750	1750	1900	7000	8900	580	1900	2550	2.7	8.7	11.7	3.68	A+	

HEATING

HEATING																							
Outdoor Unit		Indoor Index					Heating Capacity (W)					Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	
		A	B	C	D	Total	A	B	C	D	W			W			A						
											MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX				
A070FC4EH	2 Unit	2200	2200			4400	2200	2200			1980	4400	5060	600	1220	1530	2.7	5.6	7.0		3.61	A+	
		2200	3200			5400	2040	3060			2040	5100	5870	610	1410	1700	2.8	6.5	7.8		3.62	A	
		2200	4000			6200	2130	3870			2110	6000	6900	610	1760	2110	2.8	8.1	9.7		3.41	A	
		2200	6000			8200	2090	5710			2200	7800	9130	620	2160	2700	2.8	9.9	12.4		3.61	A	
		3200	3200			6400	2900	2900			2100	5800	6670	610	1600	1930	2.8	7.3	8.8		3.63	A+	
		3200	4000			7200	3030	3670			2170	6700	8040	610	1940	2330	2.8	8.9	10.7		3.45	A	
		3200	6000			9200	2770	5030			2200	7800	9600	620	2160	2650	2.8	9.9	12.1		3.61	A	
		4000	4000			8000	3800	3800			2200	7600	9120	620	2180	2510	2.8	10.0	11.5		3.49	A	
		4000	6000			10000	3250	4870			2200	8120	9740	620	2250	2700	2.8	10.3	12.4		3.61	A	
		6000	6000			12000	4250	4250			2200	8500	10200	620	2250	2740	2.8	10.3	12.5		3.78	A	
A070FC4EH	3 Unit	2200	2200	2200		6600	2200	2200	2200		2170	6600	7590	610	1830	2530	2.8	8.4	11.6		3.61	A	
		2200	2200	3200		7600	2090	2090	3120		2200	7300	8400	620	1880	2590	2.8	8.6	11.9		3.88	A	
		2200	2200	4000		8400	2150	2150	3900		2200	8200	9590	620	1930	2660	2.8	8.8	12.2		4.25	A	
		2200	2200	6000		10400	1820	1820	4960		2200	8600	10300	620	1960	2700	2.8	9.0	12.4		4.39	A	
		2200	3200	3200		8600	2000	3000	3000		2200	8000	9360	620	1900	2620	2.8	8.7	12.0		4.21	A	
		2200	3200	4000		9400	1910	2870	3480		2200	8260	9670	620	1930	2660	2.8	8.8	12.2		4.28	A	
		2200	3200	6000		11400	1650	2470	4480		2200	8600	10300	620	1970	2720	2.8	9.0	12.4		4.37	A	
		2200	4000	4000		10200	1800	3270	3270		2200	8340	9760	620	1950	2690	2.8	8.9	12.3		4.28	A	
		2200	4000	6000		12200	1550	2820	4230		2200	8600	10300	620	2000	2760	2.8	9.2	12.6		4.30	A	
		3200	3200	3200		9600	2750	2750	2750		2200	8250	9650	620	1930	2660	2.8	8.8	12.2		4.27	A	
		3200	3200	4000		10400	2600	2600	3130		2200	8330	9740	620	1950	2690	2.8	8.9	12.3		4.27	A	
		3200	3200	6000		12400	2250	2250	4100		2200	8600	10300	620	1980	2730	2.8	9.1	12.5		4.34	A	
		3200	4000	4000		11200	2520	3040	3040		2200	8600	10300	620	1980	2730	2.8	9.1	12.5		4.34	A	
		4000	4000	4000		12000	2860	2870	2870		2200	8600	10300	620	2000	2760	2.8	9.2	12.6		4.30	A	
A070FC4EH	4 Unit	2200	2200	2200	2200	8800	2060	2060	2060	2070	2200	8250	9660	620	1930	2660	2.8	8.8	12.2		4.27	A	
		2200	2200	2200	3200	9800	1850	1850	1850	2770	2200	8320	9730	620	1950	2690	2.8	8.9	12.3		4.27	A	
		2200	2200	2200	4000	10600	1790	1790	1790	3230	2200	8600	10300	620	2000	2760	2.8	9.2	12.6		4.30	A	
		2200	2200	3200	3200	10800	1720	1720	2580	2580	2200	8600	10300	620	1970	2720	2.8	9.0	12.4		4.37	A	
		2200	2200	3200	4000	11600	1620	1620	2430	2930	2200	8600	10300	620	2000	2760	2.8	9.2	12.6		4.30	A	
		2200	3200	3200	3200	11800	1550	2350	2350	2350	2200	8600	10300	620	2000	2760	2.8	9.2	12.6		4.30	A	
		2200	3200	3200	4000	12600	1480	2220	2220	2680	2200	8600	10300	620	2000	2760	2.8	9.2	12.6		4.30	A	
		3200	3200	3200	3200	12800	2150	2150	2150	2150	2200	8600	10300	620	2000	2760	2.8	9.2	12.6		4.30	A	

FJM Capacity Combination



COOLING

Outdoor Unit		Indoor Index					Cooling Capacity (W)				Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	
		A	B	C	D	Total	A	B	C	D	W			W			A					
											MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX			
A080FQ4EH	2 Unit	2000	2000			4000	2000	2000			1640	4000	4800	410	1240	1490	1.9	5.7	6.8	3.23	A+	
		2000	2500			4500	2040	2560			1690	4600	5520	420	1430	1720	1.9	6.5	7.9	3.22	A+	
		2000	3500			5500	2000	3500			1770	5500	6600	430	1710	2050	2	7.8	9.4	3.22	A+	
		2000	5000			7000	2060	5140			1900	7200	8640	580	2240	2690	2.7	10.3	12.3	3.21	A	
		2000	6800			8800	1690	5760			1900	7450	8640	580	2350	2730	2.7	10.8	12.5	3.17	A	
		2500	2500			5000	2600	2600			1750	5200	6240	420	1660	2000	1.9	7.6	9.2	3.13	A+	
		2500	3500			6000	2540	3560			1820	6100	7320	440	1900	2260	2	8.7	10.3	3.21	A+	
		2500	5000			7500	2400	4800			1900	7200	8640	580	2240	2690	2.7	10.3	12.3	3.21	A	
		2500	6800			9300	2030	5520			1900	7550	8760	580	2380	2760	2.7	10.9	12.6	3.17	A	
		3500	3500			7000	3500	3500			1900	7000	8000	580	2490	2620	2.7	11.4	12.0	2.81	A	
		3500	5000			8500	3030	4320			1900	7350	8820	580	2290	2750	2.7	10.5	12.6	3.21	A	
		3500	6800			10300	2620	5080			1900	7700	8930	580	2400	2780	2.7	11.0	12.7	3.21	A	
		5000	5000			10000	3830	3830			1900	7660	9180	580	2380	2860	2.7	10.9	13.1	3.22	A	
		5000	6800			11800	3310	4490			1900	7800	8970	580	2430	2820	2.7	11.1	12.9	3.21	A	
	3 Unit	2000	2000	2000		6000	2000	2000	2000		1810	6000	7200	440	1850	2310	2	8.5	10.6	3.24	A	
		2000	2000	2500		6500	2030	2030	2540		1870	6600	7920	440	2000	2500	2	9.2	11.4	3.30	A	
		2000	2000	3500		7500	1920	1920	3360		1900	7200	9000	580	2290	2780	2.7	10.5	12.7	3.14	A	
		2000	2000	5000		9000	1680	1680	4190		1900	7550	9180	580	2260	2730	2.7	10.3	12.5	3.34	A	
		2000	2000	6800		10800	1480	1480	5040		1900	8000	9300	580	2340	2870	2.7	10.7	13.1	3.42	A	
		2000	2500	2500		7000	2000	2500	2500		1900	7000	8640	580	2220	2680	2.7	10.2	12.3	3.15	A	
		2000	2500	3500		8000	1830	2280	3200		1900	7310	9060	580	2220	2690	2.7	10.2	12.3	3.29	A	
		2000	2500	5000		9500	1610	2010	4030		1900	7650	9250	580	2260	2730	2.7	10.3	12.5	3.38	A	
		2000	2500	6800		11300	1420	1770	4810		1900	8000	9300	580	2340	2870	2.7	10.7	13.1	3.42	A	
		2000	3500	3500		9000	1680	2930	2930		1900	7540	9160	580	2260	2730	2.7	10.3	12.5	3.34	A	
		2000	3500	5000		10500	1500	2630	3750		1900	7880	9300	580	2330	2820	2.7	10.7	12.9	3.38	A	
		2000	5000	5000		12000	1330	3330	3330		1900	8000	9300	580	2370	2910	2.7	10.8	13.3	3.38	A	
		2500	2500	2500		7500	2400	2400	2400		1900	7200	9030	580	2180	2640	2.7	10.0	12.1	3.30	A	
		2500	2500	3500		8500	2180	2180	3060		1900	7420	9130	580	2210	2690	2.7	10.1	12.3	3.36	A	
		2500	2500	5000		10000	1940	1940	3890		1900	7770	9300	580	2280	2780	2.7	10.4	12.7	3.41	A	
		2500	2500	6800		11800	1690	1690	4610		1900	8000	9300	580	2370	2910	2.7	10.8	13.3	3.38	A	
		2500	3500	3500		9500	2010	2820	2820		1900	7650	9230	580	2250	2730	2.7	10.3	12.5	3.40	A	
		2500	3500	5000		11000	1820	2550	3640		1900	8000	9300	580	2330	2870	2.7	10.7	13.1	3.43	A	
		3500	3500	3500		10500	2630	2630	2630		1900	7890	9300	580	2330	2820	2.7	10.7	12.9	3.39	A	
		3500	3500	5000		12000	2330	2330	3330		1900	8000	9300	580	2370	2910	2.7	10.8	13.3	3.38	A	
		4 Unit	2000	2000	2000	2000	8000	1830	1830	1830	1830	1900	7320	9050	580	2210	2690	2.7	10.1	12.3	3.31	A
			2000	2000	2000	2500	8500	1750	1750	1750	2190	1900	7440	9120	580	2210	2690	2.7	10.1	12.3	3.37	A
			2000	2000	2000	3500	9500	1610	1610	1610	2820	1900	7650	9220	580	2250	2730	2.7	10.3	12.5	3.40	A
			2000	2000	2000	5000	11000	1450	1450	1450	3650	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48	A
			2000	2000	2500	2500	9000	1680	1680	2090	2090	1900	7540	9180	580	2260	2730	2.7	10.3	12.5	3.34	A
	2000		2000	2500	3500	10000	1550	1550	1940	2720	1900	7760	9280	580	2270	2780	2.7	10.4	12.7	3.42	A	
	2000		2000	2500	5000	11500	1390	1390	1740	3480	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48	A	
	2000		2000	3500	3500	11000	1450	1450	2550	2550	1900	8000	9300	580	2350	2870	2.7	10.8	13.1	3.40	A	
	2000		2500	2500	2500	9500	1610	2010	2010	2010	1900	7650	9250	580	2260	2730	2.7	10.3	12.5	3.38	A	
	2000		2500	2500	3500	10500	1500	1880	1880	2630	1900	7890	9300	580	2330	2820	2.7	10.7	12.9	3.39	A	
	2000		2500	2500	5000	12000	1330	1670	1670	3330	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48	A	
	2000		2500	3500	3500	11500	1400	1740	2430	2430	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48	A	
	2500		2500	2500	2500	10000	1940	1940	1940	1940	1900	7760	9300	580	2290	2780	2.7	10.5	12.7	3.39	A	
	2500		2500	2500	3500	11000	1820	1820	2540	2540	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48	A	
	2500		2500	3500	3500	12000	1670	1670	2330	2330	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48	A	

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - Wall Mounted Type (AR**HSSDBWKNEU)
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

HEATING

Outdoor Unit		Indoor Index					Heating Capacity (W)				Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C	SEASONAL EFFICIENCY (ACCORDING EN14825)
		A	B	C	D	Total	A	B	C	D	W			W			A				
											MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX		
2 Unit	2200	2200			4400	2200	2200			1980	4400	5060	600	1220	1530	2.7	5.6	7.0	3.61	A+	
	2200	3200			5400	2040	3060			2040	5100	5870	610	1410	1700	2.8	6.5	7.8	3.62	A	
	2200	4000			6200	2130	3870			2110	6000	6900	610	1760	2110	2.8	8.1	9.7	3.41	A	
	2200	6000			8200	2090	5710			2200	7800	9130	620	2160	2580	2.8	9.9	11.8	3.61	A	
	2200	8000			10200	1790	6330			2200	8120	9300	620	2250	2600	2.8	10.3	11.9	3.61	A	
	3200	3200			6400	2900	2900			2100	5800	6670	610	1600	1930	2.8	7.3	8.8	3.63	A+	
	3200	4000			7200	3030	3670			2170	6700	7710	610	1940	2330	2.8	8.9	10.7	3.45	A	
	3200	6000			9200	2770	5030			2200	7800	9360	620	2160	2600	2.8	9.9	11.9	3.61	A	
	3200	8000			11200	2480	5870			2200	8350	9600	620	2340	2700	2.8	10.7	12.4	3.57	A	
	4000	4000			8000	3800	3800			2200	7600	8740	620	2180	2510	2.8	10.0	11.5	3.49	A	
	4000	6000			10000	3250	4870			2200	8120	9500	620	2250	2650	2.8	10.3	12.1	3.61	A	
	4000	8000			12000	2860	5590			2200	8450	9700	620	2380	2700	2.8	10.9	12.4	3.55	A	
	6000	6000			12000	4250	4250			2200	8500	9950	620	2340	2750	2.8	10.7	12.6	3.63	A	
	6000	8000			14000	3760	4890			2200	8650	9900	620	2420	2800	2.8	11.1	12.8	3.57	A	
	2200	2200		2200	6600	2200	2200		2200	2170	6600	7590	610	1830	2220	2.8	8.4	10.2	3.61	A	
	2200	2200	3200		7600	2090	2090		3120	2200	7300	8400	620	1950	2340	2.8	8.9	10.7	3.74	A	
3 Unit	2200	2200	4000		8400	2150	2150		3900	2200	8200	9590	620	2150	2570	2.8	9.8	11.8	3.81	A	
	2200	2200	6000		10400	1820	1820		4980	2200	8620	10090	620	2140	2610	2.8	9.8	11.9	4.03	A	
	2200	2200	8000		12400	1580	1580		5590	2200	8750	10500	620	2150	2750	2.8	9.8	12.6	4.07	A	
	2200	3200	3200		8600	2000	3000		3000	2200	8000	9360	620	2080	2500	2.8	9.5	11.4	3.85	A	
	2200	3200	4000		9400	1980	2960		3590	2200	8530	9980	620	2100	2690	2.8	9.6	12.3	4.06	A	
	2200	3200	6000		11400	1660	2490		4530	2200	8680	10150	620	2140	2740	2.8	9.8	12.5	4.06	A	
	2200	3200	8000		13400	1540	2310		5450	2200	9300	10900	620	2250	2820	2.8	10.3	12.9	4.13	A	
	2200	4000	4000		10200	1860	3370		3370	2200	8600	10070	620	2140	2740	2.8	9.8	12.5	4.02	A	
	2200	4000	6000		12200	1580	2870		4300	2200	8750	10500	620	2150	2750	2.8	9.8	12.6	4.07	A	
	2200	6000	6000		14200	1440	3930		3930	2200	9300	10900	620	2250	2820	2.8	10.3	12.9	4.13	A	
	3200	3200	3200		9600	2840	2840		2840	2200	8520	9960	620	2090	2680	2.8	9.6	12.3	4.08	A	
	3200	3200	4000		10400	2670	2670		3250	2200	8590	10050	620	2100	2690	2.8	9.6	12.3	4.09	A	
	3200	3200	6000		12400	2290	2290		4170	2200	8750	10500	620	2140	2740	2.8	9.8	12.5	4.09	A	
	3200	3200	8000		14400	2130	2130		5040	2200	9300	10900	620	2250	2820	2.8	10.3	12.9	4.13	A	
	3200	4000	4000		11200	2520	3070		3070	2200	8660	10130	620	2140	2740	2.8	9.8	12.5	4.05	A	
	3200	4000	6000		13200	2310	2800		4190	2200	9300	10500	620	2150	2750	2.8	9.8	12.6	4.33	A	
4000	4000	4000		12000	2910	2910		2910	2200	8730	10220	620	2150	2750	2.8	9.8	12.6	4.06	A		
4000	4000	6000		14000	2660	2660		3980	2200	9300	10900	620	2180	2790	2.8	10.0	12.8	4.27	A		
4 Unit	2200	2200	2200	2200	8800	2130	2130	2130	2130	2200	8520	9970	620	2100	2690	2.8	9.6	12.3	4.06	A	
	2200	2200	2200	3200	9800	1910	1910	1910	2850	2200	8580	10040	620	2100	2690	2.8	9.6	12.3	4.09	A	
	2200	2200	2200	4000	10600	1800	1800	1800	3250	2200	8650	10120	620	2140	2740	2.8	9.8	12.5	4.04	A	
	2200	2200	2200	6000	12600	1620	1620	1620	4440	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23	A	
	2200	2200	3200	3200	10800	1730	1730	2590	2590	2200	8640	10100	620	2140	2740	2.8	9.8	12.5	4.04	A	
	2200	2200	3200	4000	11600	1640	1640	2460	2970	2200	8710	10190	620	2140	2740	2.8	9.8	12.5	4.07	A	
	2200	2200	3200	6000	13600	1490	1490	2240	4080	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23	A	
	2200	2200	4000	4000	12400	1560	1560	2830	2830	2200	8780	10270	620	2180	2790	2.8	10.0	12.8	4.03	A	
	2200	3200	3200	3200	11800	1580	2370	2370	2370	2200	8690	10170	620	2140	2740	2.8	9.8	12.5	4.06	A	
	2200	3200	3200	4000	12600	1510	2260	2260	2730	2200	8760	10250	620	2180	2790	2.8	10.0	12.8	4.02	A	
	2200	3200	3200	6000	14600	1390	2070	2070	3770	2200	9300	10900	620	2250	2820	2.8	10.3	12.9	4.13	A	
	2200	3200	4000	4000	13400	1520	2260	2760	2760	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23	A	
	3200	3200	3200	3200	12800	2190	2190	2190	2190	2200	8760	10240	620	2140	2740	2.8	9.8	12.5	4.09	A	
	3200	3200	3200	4000	13600	2210	2210	2210	2670	2200	9300	10900	620	2180	2790	2.8	10.0	12.8	4.27	A	
	3200	3200	4000	4000	14400	2100	2100	2550	2550	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23	A	

FJM Capacity Combination



COOLING																								
Outdoor unit		Indoor Index						Cooling Capacity (W)						Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C	SEASONAL EFFICIENCY (ACCORDING EN14825)
		A	B	C	D	E	Total	A	B	C	D	E	W			W			A					
		MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	EER	Class						
2 Unit	2000	2000				4000	2000	2000				1680	4000	4900	610	1260	1650	2.8	5.8	7.6	3.17	A+		
	2000	2500				4500	2000	2500				1680	4500	5530	610	1400	1860	2.8	6.4	8.5	3.21	A+		
	2000	3500				5500	2000	3500				1710	5500	6950	620	1750	2330	2.8	8.0	10.7	3.14	A+		
	2000	5000				7000	2000	5000				2210	7000	8690	630	2190	2910	2.9	10.0	13.3	3.20	A		
	2000	6800				8800	1830	6240				2280	8070	10110	650	2550	3390	3	11.7	15.5	3.16	A		
	2500	2500				5000	2500	2500				1680	5000	6320	610	1600	2120	2.8	7.3	9.7	3.13	A+		
	2500	3500				6000	2500	3500				1710	6000	7270	620	1840	2430	2.8	8.4	11.1	3.26	A+		
	2500	5000				7500	2500	5000				2210	7500	9320	630	2340	3120	2.9	10.7	14.3	3.21	A		
	2500	6800				9300	2190	5960				2280	8150	10110	650	2550	3390	3	11.7	15.5	3.20	A		
	3500	3500				7000	3500	3500				2170	7000	8530	620	2130	2850	2.8	9.7	13.0	3.29	A		
	3500	5000				8500	3300	4720				2240	8020	9950	640	2490	3330	2.9	11.4	15.2	3.22	A		
	3500	6800				10300	2920	5670				2480	8590	10740	660	2700	3600	3	12.4	16.5	3.18	A		
	5000	5000				10000	4280	4280				2440	8560	10430	650	2650	3500	3	12.1	16.0	3.23	A		
	5000	6800				11800	3740	5080				2510	8820	10900	670	2760	3670	3.1	12.6	16.8	3.20	A+		
	6800	6800				13600	4550	4550				3110	9100	11000	690	2830	3740	3.2	13.0	17.1	3.22	A+		
A100FC5EH	2000	2000	2000			6000	2000	2000	2000			1760	6000	7270	640	1870	2460	2.9	8.6	11.3	3.21	A+		
	2000	2000	2500			6500	2000	2000	2500			1760	6500	7900	640	2010	2660	2.9	9.2	12.2	3.23	A+		
	2000	2000	3500			7500	2000	2000	3500			2280	7500	8850	650	2260	2980	3	10.3	13.6	3.32	A		
	2000	2000	5000			9000	1930	1930	4830			2310	8690	10270	660	2610	3450	3	11.9	15.8	3.33	A+		
	2000	2000	6800			10800	1660	1660	5650			2550	8970	10430	680	2680	3530	3.1	12.3	16.2	3.35	A+		
	2000	2500	2500			7000	2000	2500	2500			2240	7000	8370	640	2110	2820	2.9	9.7	12.9	3.32	A		
	2000	2500	3500			8000	2000	2500	3500			2280	8000	9320	650	2350	3130	3	10.8	14.3	3.40	A+		
	2000	2500	5000			9500	1850	2310	4620			2310	8780	10270	660	2610	3450	3	11.9	15.8	3.36	A+		
	2000	2500	6800			11300	1550	1940	5270			2550	8760	10430	680	2680	3530	3.1	12.3	16.2	3.27	A+		
	2000	3500	3500			9000	1930	3380	3380			2280	8690	10270	650	2600	3440	3	11.9	15.7	3.34	A+		
	2000	3500	5000			10500	1700	2980	4250			2510	8930	10430	670	2660	3510	3.1	12.2	16.1	3.36	A++		
	2000	3500	6800			12300	1460	2550	4950			2760	8960	10740	690	2730	3630	3.2	12.5	16.6	3.28	A+		
	2000	5000	5000			12000	1480	3710	3710			2720	8900	10740	680	2720	3630	3.1	12.4	16.6	3.27	A+		
	2000	5000	6800			13800	1340	3360	4560			3150	9260	11000	700	2840	3750	3.2	13.0	17.2	3.26	A+		
	2000	6800	6800			15600	1260	4270	4270			3240	9800	11000	720	2860	3770	3.3	13.1	17.3	3.43	A+		
	2500	2500	2500			7500	2500	2500	2500			2240	7500	8850	640	2250	2970	2.9	10.3	13.6	3.33	A		
	2500	2500	3500			8500	2500	2500	3500			2280	8500	9950	650	2500	3340	3	11.4	15.3	3.40	A+		
	2500	2500	5000			10000	2210	2210	4430			2480	8850	10270	660	2610	3450	3	11.9	15.8	3.39	A++		
	2500	2500	6800			11800	1880	1880	5110			2550	8870	10740	680	2720	3630	3.1	12.4	16.6	3.26	A+		
	2500	3500	3500			9500	2310	3230	3230			2280	8770	10270	650	2600	3440	3	11.9	15.7	3.37	A+		
	2500	3500	5000			11000	1980	2770	3950			2510	8700	10430	670	2660	3510	3.1	12.2	16.1	3.27	A+		
	2500	3500	6800			12800	1770	2480	4810			2760	9060	10900	690	2780	3690	3.2	12.7	16.9	3.26	A+		
	2500	5000	5000			12500	1800	3600	3600			2720	9000	10900	680	2770	3680	3.1	12.7	16.8	3.25	A+		
	2500	5000	6800			14300	1640	3270	4450			3150	9360	11000	700	2740	3750	3.2	12.5	17.2	3.42	A+		
	2500	6800	6800			16100	1520	4140	4140			3240	9800	11000	720	2860	3770	3.3	13.1	17.3	3.43	A+		
	3500	3500	3500			10500	2980	2980	2980			2480	8940	10430	660	2650	3500	3	12.1	16.0	3.37	A++		
	3500	3500	5000			12000	2600	2600	3710			2680	8910	10740	670	2710	3620	3.1	12.4	16.6	3.29	A+		
	3500	3500	6800			13800	2350	2350	4560			3110	9260	11000	690	2830	3740	3.2	13.0	17.1	3.27	A+		
	3500	5000	5000			13500	2390	3410	3410			3110	9210	11000	690	2820	3740	3.2	12.9	17.1	3.27	A+		
	3500	5000	6800			15300	2240	3200	4360			3200	9800	11000	710	2800	3760	3.2	12.8	17.2	3.50	A+		
	3500	6800	6800			17100	2000	3900	3900			3290	9800	11000	730	2910	3780	3.3	13.3	17.3	3.37	A+		
	5000	5000	5000			15000	3260	3270	3270			3150	9800	11000	700	2790	3750	3.2	12.8	17.2	3.51	A+		
	5000	5000	6800			16800	2920	2920	3960			3240	9800	11000	720	2910	3770	3.3	13.3	17.3	3.37	A+		

COOLING																							
Outdoor unit		Indoor Index					Cooling Capacity (W)					Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	
		A	B	C	D	E	Total	A	B	C	D	E	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM			MAX
A100FC5EH	4 Unit	2000	2000	2000	2000		8000	2000	2000	2000	2000		2350	8000	9320	670	2380	3160	3.1	10.9	14.5	3.36	A+
		2000	2000	2000	2500		8500	2000	2000	2000	2500		2350	8500	9950	670	2520	3360	3.1	11.5	15.4	3.37	A+
		2000	2000	2000	3500		9500	1850	1850	1850	3230		2380	8780	10270	680	2620	3470	3.1	12.0	15.9	3.35	A+
		2000	2000	2000	5000		11000	1580	1580	1580	3950		2590	8690	10430	690	2690	3540	3.2	12.3	16.2	3.23	A+
		2000	2000	2000	6800		12800	1420	1420	1420	4820		2840	9080	10900	710	2800	3710	3.2	12.8	17.0	3.24	A+
		2000	2000	2500	2500		9000	1930	1930	2420	2420		2350	8700	10270	670	2620	3460	3.1	12.0	15.8	3.32	A+
		2000	2000	2500	3500		10000	1770	1770	2210	3100		2550	8850	10270	680	2620	3470	3.1	12.0	15.9	3.38	A++
		2000	2000	2500	5000		11500	1530	1530	1910	3830		2590	8800	10740	690	2730	3640	3.2	12.5	16.7	3.22	A+
		2000	2000	2500	6800		13300	1380	1380	1720	4680		3200	9160	10900	710	2800	3710	3.2	12.8	17.0	3.27	A+
		2000	2000	3500	3500		11000	1580	1580	2770	2770		2550	8700	10430	680	2680	3530	3.1	12.3	16.2	3.25	A+
		2000	2000	3500	5000		12500	1440	1440	2520	3600		2800	9000	10900	700	2790	3700	3.2	12.8	16.9	3.23	A+
		2000	2000	3500	6800		14300	1310	1310	2290	4450		3240	9360	11000	720	2760	3770	3.3	12.6	17.3	3.39	A+
		2000	2000	5000	5000		14000	1330	1330	3320	3320		3200	9300	11000	710	2850	3760	3.2	13.0	17.2	3.26	A+
		2000	2000	5000	6800		15800	1240	1240	3100	4220		3290	9800	11000	730	2870	3780	3.3	13.1	17.3	3.41	A+
		2000	2500	2500	2500		9500	1850	2310	2310	2310		2350	8780	10270	670	2620	3460	3.1	12.0	15.8	3.35	A+
		2000	2500	2500	3500		10500	1700	2130	2130	2980		2550	8940	10430	680	2670	3520	3.1	12.2	16.1	3.35	A++
		2000	2500	2500	5000		12000	1480	1850	1850	3700		2760	8880	10740	690	2730	3640	3.2	12.5	16.7	3.25	A+
		2000	2500	2500	6800		13800	1340	1680	1680	4560		3200	9260	11000	710	2850	3760	3.2	13.0	17.2	3.25	A+
		2000	2500	3500	3500		11500	1530	1910	2680	2680		2550	8800	10740	680	2720	3630	3.1	12.4	16.6	3.24	A+
		2000	2500	3500	5000		13000	1400	1750	2450	3500		3150	9100	10900	700	2790	3700	3.2	12.8	16.9	3.26	A+
		2000	2500	3500	6800		14800	1280	1600	2240	4350		3240	9470	11000	720	2810	3770	3.3	12.9	17.3	3.37	A+
		2000	2500	5000	5000		14500	1300	1620	3240	3240		3200	9400	11000	710	2800	3760	3.2	12.8	17.2	3.36	A+
		2000	2500	5000	6800		16300	1200	1500	3010	4090		3290	9800	11000	730	2870	3780	3.3	13.1	17.3	3.41	A+
		2000	3500	3500	3500		12500	1440	2520	2520	2520		2760	9000	10900	690	2780	3690	3.2	12.7	16.9	3.24	A+
		2000	3500	3500	5000		14000	1330	2330	2330	3330		3150	9320	11000	700	2840	3750	3.2	13.0	17.2	3.28	A+
		2000	3500	3500	6800		15800	1240	2170	2170	4220		3240	9800	11000	720	2860	3770	3.3	13.1	17.3	3.43	A+
		2000	3500	5000	5000		15500	1270	2210	3160	3160		3240	9800	11000	720	2850	3770	3.3	13.0	17.3	3.44	A+
		2000	3500	5000	6800		17300	1140	1980	2830	3850		3330	9800	11000	740	2920	3790	3.4	13.4	17.3	3.36	A+
		2000	5000	5000	5000		17000	1160	2880	2880	2880		3290	9800	11000	730	2920	3780	3.3	13.4	17.3	3.36	A+
		2500	2500	2500	2500		10000	2210	2210	2210	2210		2510	8840	10270	670	2620	3460	3.1	12.0	15.8	3.37	A++
		2500	2500	2500	3500		11000	1980	1980	1980	2770		2550	8710	10430	680	2670	3520	3.1	12.2	16.1	3.26	A+
		2500	2500	2500	5000		12500	1800	1800	1800	3600		2760	9000	10900	690	2780	3690	3.2	12.7	16.9	3.24	A+
2500	2500	2500	6800		14300	1640	1640	1640	4460		3200	9380	11000	710	2750	3760	3.2	12.6	17.2	3.41	A+		
2500	2500	3500	3500		12000	1850	1850	2600	2600		2720	8900	10740	680	2720	3630	3.1	12.4	16.6	3.27	A+		
2500	2500	3500	5000		13500	1700	1700	2390	3410		3150	9200	11000	700	2830	3750	3.2	13.0	17.2	3.25	A+		
2500	2500	3500	6800		15300	1600	1600	2240	4360		3240	9800	11000	720	2810	3770	3.3	12.9	17.3	3.49	A+		
2500	2500	5000	5000		15000	1630	1630	3270	3270		3200	9800	11000	710	2800	3760	3.2	12.8	17.2	3.50	A+		
2500	2500	5000	6800		16800	1460	1460	2920	3960		3290	9800	11000	730	2920	3780	3.3	13.4	17.3	3.36	A+		
2500	3500	3500	3500		13000	1750	2450	2450	2450		3110	9100	10900	690	2780	3690	3.2	12.7	16.9	3.27	A+		
2500	3500	3500	5000		14500	1620	2270	2270	3240		3150	9400	11000	700	2790	3750	3.2	12.8	17.2	3.37	A+		
2500	3500	3500	6800		16300	1510	2100	2100	4090		3240	9800	11000	720	2860	3770	3.3	13.1	17.3	3.43	A+		
2500	3500	5000	5000		16000	1540	2140	3060	3060		3240	9800	11000	720	2850	3770	3.3	13.0	17.3	3.44	A+		
3500	3500	3500	3500		14000	2330	2330	2330	2330		3110	9320	11000	690	2830	3740	3.2	13.0	17.1	3.29	A+		
3500	3500	3500	5000		15500	2210	2210	2210	3170		3200	9800	11000	710	2840	3760	3.2	13.0	17.2	3.45	A+		
3500	3500	3500	6800		17300	1980	1980	1980	3860		3290	9800	11000	730	2910	3780	3.3	13.3	17.3	3.37	A+		
3500	3500	5000	5000		17000	2020	2020	2880	2880		3240	9800	11000	720	2910	3770	3.3	13.3	17.3	3.37	A+		

FJM Capacity Combination



COOLING																							
Outdoor unit		Indoor Index					Cooling Capacity (W)					Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	
		A	B	C	D	E	Total	A	B	C	D	E	W			W			A				EER
MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	EER	Class										
A100FC5EH	5 Unit	2000	2000	2000	2000	2000	10000	1900	1900	1900	1900	1900	2630	9500	10270	700	2650	3490	3.2	12.1	16.0	3.58	A+
		2000	2000	2000	2000	2500	10500	1820	1820	1820	1820	2270	2630	9550	10430	700	2700	3550	3.2	12.4	16.2	3.54	A+
		2000	2000	2000	2000	3500	11500	1680	1680	1680	1680	2940	2660	9660	10740	710	2750	3650	3.2	12.6	16.7	3.51	A+
		2000	2000	2000	2000	5000	13000	1540	1540	1540	1540	3840	3240	10000	10900	720	2810	3720	3.3	12.9	17.0	3.56	A++
		2000	2000	2000	2000	6800	14800	1350	1350	1350	1350	4600	3330	10000	11000	740	2830	3790	3.4	13.0	17.3	3.53	A++
		2000	2000	2000	2500	2500	11000	1750	1750	1750	2180	2180	2630	9610	10430	700	2700	3550	3.2	12.4	16.2	3.56	A+
		2000	2000	2000	2500	3500	12000	1620	1620	1620	2020	2830	2840	9710	10740	710	2750	3650	3.2	12.6	16.7	3.53	A+
		2000	2000	2000	2500	5000	13500	1480	1480	1480	1860	3700	3240	10000	11000	720	2860	3770	3.3	13.1	17.3	3.50	A+
		2000	2000	2000	2500	6800	15300	1310	1310	1310	1630	4440	3330	10000	11000	740	2830	3790	3.4	13.0	17.3	3.53	A++
		2000	2000	2000	3500	3500	13000	1540	1540	1540	2690	2690	3200	10000	10900	710	2800	3710	3.2	12.8	17.0	3.57	A++
		2000	2000	2000	3500	5000	14500	1380	1380	1380	2410	3450	3290	10000	11000	730	2820	3780	3.3	12.9	17.3	3.55	A++
		2000	2000	2000	3500	6800	16300	1230	1230	1230	2150	4160	3380	10000	11000	750	2880	3800	3.4	13.2	17.4	3.47	A+
		2000	2000	2000	5000	5000	16000	1240	1240	1240	3140	3140	3330	10000	11000	740	2880	3790	3.4	13.2	17.3	3.47	A+
		2000	2000	2500	2500	2500	11500	1680	1680	2100	2100	2100	2630	9660	10740	700	2740	3650	3.2	12.5	16.7	3.53	A+
		2000	2000	2500	2500	3500	12500	1600	1600	2000	2000	2800	2840	10000	10900	710	2800	3710	3.2	12.8	17.0	3.57	A++
		2000	2000	2500	2500	5000	14000	1430	1430	1790	1790	3560	3240	10000	11000	720	2860	3770	3.3	13.1	17.3	3.50	A+
		2000	2000	2500	2500	6800	15800	1270	1270	1580	1580	4300	3330	10000	11000	740	2880	3790	3.4	13.2	17.3	3.47	A+
		2000	2000	2500	3500	3500	13500	1480	1480	1860	2590	2590	3200	10000	11000	710	2850	3760	3.2	13.0	17.2	3.51	A++
		2000	2000	2500	3500	5000	15000	1330	1330	1680	2330	3330	3290	10000	11000	730	2820	3780	3.3	12.9	17.3	3.55	A++
		2000	2000	2500	3500	6800	16800	1190	1190	1490	2080	4050	3380	10000	11000	750	2930	3800	3.4	13.4	17.4	3.41	A+
		2000	2000	2500	5000	5000	16500	1210	1210	1520	3030	3030	3330	10000	11000	740	2930	3790	3.4	13.4	17.3	3.41	A+
		2000	2000	3500	3500	3500	14500	1370	1370	2420	2420	2420	3240	10000	11000	720	2810	3770	3.3	12.9	17.3	3.56	A++
		2000	2000	3500	3500	5000	16000	1250	1250	2190	2190	3120	3290	10000	11000	730	2870	3780	3.3	13.1	17.3	3.48	A+
		2000	2500	2500	2500	2500	12000	1620	2020	2020	2020	2020	2800	9700	10740	700	2740	3650	3.2	12.5	16.7	3.54	A+
		2000	2500	2500	2500	3500	13000	1550	1920	1920	1920	2690	3200	10000	10900	710	2800	3710	3.2	12.8	17.0	3.57	A++
		2000	2500	2500	2500	5000	14500	1390	1720	1720	1720	3450	3240	10000	11000	720	2810	3770	3.3	12.9	17.3	3.56	A++
		2000	2500	2500	2500	6800	16300	1240	1530	1530	1530	4170	3330	10000	11000	740	2880	3790	3.4	13.2	17.3	3.47	A+
		2000	2500	2500	3500	3500	14000	1440	1790	1790	2490	2490	3200	10000	11000	710	2850	3760	3.2	13.0	17.2	3.51	A++
		2000	2500	2500	3500	5000	15500	1290	1610	1610	2260	3230	3290	10000	11000	730	2860	3780	3.3	13.1	17.3	3.50	A+
		2000	2500	2500	3500	6800	17300	1160	1450	1450	2020	3920	3380	10000	11000	750	2930	3800	3.4	13.4	17.4	3.41	A+
		2000	2500	2500	5000	5000	17000	1180	1470	1470	2940	2940	3330	10000	11000	740	2930	3790	3.4	13.4	17.3	3.41	A+
		2000	2500	3500	3500	3500	15000	1340	1670	2330	2330	2330	3240	10000	11000	720	2810	3770	3.3	12.9	17.3	3.56	A++
		2000	2500	3500	3500	5000	16500	1210	1520	2120	2120	3030	3290	10000	11000	730	2920	3780	3.3	13.4	17.3	3.42	A+
		2000	3500	3500	3500	3500	16000	1240	2190	2190	2190	2190	3240	10000	11000	720	2860	3770	3.3	13.1	17.3	3.50	A+
		2500	2500	2500	2500	2500	12500	2000	2000	2000	2000	2000	3000	10000	11000	700	2900	3700	3.2	13.3	16.9	3.45	A+
		2500	2500	2500	2500	3500	13500	1850	1850	1850	1850	2600	3200	10000	11000	710	2840	3760	3.2	13.0	17.2	3.52	A++
		2500	2500	2500	2500	5000	15000	1670	1670	1670	1670	3320	3240	10000	11000	720	2810	3770	3.3	12.9	17.3	3.56	A++
		2500	2500	2500	2500	6800	16800	1490	1490	1490	1490	4040	3330	10000	11000	740	2930	3790	3.4	13.4	17.3	3.41	A+
		2500	2500	2500	3500	3500	14500	1720	1720	1720	2420	2420	3200	10000	11000	710	2800	3760	3.2	12.8	17.2	3.57	A++
		2500	2500	2500	3500	5000	16000	1560	1560	1560	2190	3130	3290	10000	11000	730	2860	3780	3.3	13.1	17.3	3.50	A+
		2500	2500	3500	3500	3500	15500	1610	1610	2260	2260	2260	3240	10000	11000	720	2850	3770	3.3	13.0	17.3	3.51	A++
		2500	2500	3500	3500	5000	17000	1470	1470	2060	2060	2940	3290	10000	11000	730	2920	3780	3.3	13.4	17.3	3.42	A+
		2500	3500	3500	3500	3500	16500	1520	2120	2120	2120	2120	3240	10000	11000	720	2910	3770	3.3	13.3	17.3	3.44	A+

1. Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
2. The above is the value for connecting with the following indoor units.

- Wall Mounted Type (AR**HSSDBWKNEU)
3. Capacities are based on the following conditions:

- Corresponding refrigerant piping length : 5m / - Level difference : 0m
4. It is impossible to connect the indoor unit for one room only.
5. Power consumption include indoor unit power.

HEATING																							
Outdoor unit		Indoor Index					Heating Capacity (W)					Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	
												W			W			A					
		A	B	C	D	E	Total	A	B	C	D	E	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM			MAX
A100Q1SEH	2 Unit	2200	2200				4400	2200	2200				1240	4400	5530	460	1250	1520	2.1	5.7	7.0	3.52	A+
		2200	3200				5400	2200	3300				1240	5500	6790	460	1520	1850	2.1	7.0	8.5	3.62	A
		2200	4000				6200	2200	4000				1270	6200	7580	470	1700	2060	2.2	7.8	9.4	3.65	A
		2200	6000				8200	2200	6000				1300	8200	10110	480	2240	2750	2.2	10.3	12.6	3.66	A
		2200	8000				10200	2200	7800				1500	10000	12480	500	2790	3390	2.3	12.8	15.5	3.58	A
		3200	3200				6400	3300	3300				1240	6600	8220	460	1820	2230	2.1	8.3	10.2	3.63	A+
		3200	4000				7200	3300	4000				1270	7300	9010	470	2010	2440	2.2	9.2	11.2	3.63	A
		3200	6000				9200	3300	6000				1300	9300	11690	480	2590	3160	2.2	11.9	14.5	3.59	A
		3200	8000				11200	3150	7450				1500	10600	13110	500	2920	3560	2.3	13.4	16.3	3.63	A
		4000	4000				8000	4000	4000				1270	8000	9800	470	2190	2650	2.2	10.0	12.1	3.65	A
	4000	6000				10000	4000	6000				1470	10000	12320	490	2730	3330	2.2	12.5	15.2	3.66	A	
	4000	8000				12000	3590	7010				1530	10600	13110	510	2930	3560	2.3	13.4	16.3	3.62	A	
	6000	6000				12000	5300	5300				1650	10600	13110	500	2920	3560	2.3	13.4	16.3	3.63	A	
	6000	8000				14000	4610	5990				1820	10600	13110	520	2940	3580	2.4	13.5	16.4	3.61	A	
	8000	8000				16000	5300	5300				2160	10600	12960	540	2920	3560	2.5	13.4	16.3	3.63	A	
	2200	2200	2200				6600	2200	2200	2200			1320	6600	7580	490	1720	2090	2.2	7.9	9.6	3.84	A
	2200	2200	3200				7600	2200	2200	3300			1320	7700	9010	490	2030	2460	2.2	9.3	11.3	3.79	A
	2200	2200	4000				8400	2200	2200	4000			1350	8400	9800	500	2210	2680	2.3	10.1	12.3	3.80	A
	2200	2200	6000				10400	2050	2050	5590			1530	9690	12170	510	2710	3320	2.3	12.4	15.2	3.58	A
	2200	2200	8000				12400	1780	1780	6300			1750	9860	12170	530	2730	3340	2.4	12.5	15.3	3.61	A
3 Unit	2200	3200	3200				8600	2200	3300	3300			1320	8800	10740	490	2380	2920	2.2	10.9	13.4	3.70	A
	2200	3200	4000				9400	2200	3300	4000			1350	9500	11380	500	2520	3090	2.3	11.5	14.1	3.77	A
	2200	3200	6000				11400	1870	2810	5110			1530	9790	11850	510	2670	3230	2.3	12.2	14.8	3.67	A
	2200	3200	8000				13400	1650	2470	5850			1860	9970	12170	530	2730	3340	2.4	12.5	15.3	3.65	A
	2200	4000	4000				10200	2090	3790	3790			1500	9670	12170	500	2700	3310	2.3	12.4	15.1	3.58	A
	2200	4000	6000				12200	1780	3230	4850			1720	9860	12170	520	2720	3320	2.4	12.4	15.2	3.63	A
	2200	4000	8000				14200	1580	2870	5590			1890	10040	12320	540	2780	3380	2.5	12.7	15.5	3.61	A
	2200	6000	6000				14200	1560	4250	4250			1860	10060	12320	530	2780	3380	2.4	12.7	15.5	3.62	A
	2200	6000	8000				16200	1490	4050	5270			2200	10810	12800	550	2880	3520	2.5	13.2	16.1	3.75	A
	2200	8000	8000				18200	1360	4820	4820			2280	11000	12960	570	2950	3590	2.6	13.5	16.4	3.73	A
	3200	3200	3200				9600	3210	3210	3210			1470	9630	11850	490	2650	3210	2.2	12.1	14.7	3.63	A
	3200	3200	4000				10400	3020	3020	3660			1500	9700	11530	500	2560	3140	2.3	11.7	14.4	3.79	A
	3200	3200	6000				12400	2590	2590	4710			1680	9890	12320	510	2760	3360	2.3	12.6	15.4	3.58	A
	3200	3200	8000				14400	2440	2440	5770			1860	10650	12480	530	2820	3420	2.4	12.9	15.7	3.78	A
	3200	4000	4000				11200	2850	3460	3460			1500	9770	11850	500	2660	3220	2.3	12.2	14.7	3.67	A
	3200	4000	6000				13200	2470	3000	4500			1820	9970	12170	520	2720	3320	2.4	12.4	15.2	3.67	A
	3200	4000	8000				15200	2340	2840	5540			1890	10720	12480	540	2830	3430	2.5	13.0	15.7	3.79	A
	3200	6000	6000				15200	2320	4210	4210			1860	10740	12480	530	2820	3420	2.4	12.9	15.7	3.81	A
	3200	6000	8000				17200	2120	3860	5020			2200	11000	12960	550	2930	3570	2.5	13.4	16.3	3.75	A
	3200	8000	8000				19200	1920	4540	4540			2280	11000	13110	570	2990	3630	2.6	13.7	16.6	3.68	A
4000	4000	4000				12000	3280	3280	3280			1680	9840	12170	510	2710	3310	2.3	12.4	15.1	3.63	A	
4000	4000	6000				14000	2870	2870	4300			1820	10040	12320	520	2770	3370	2.4	12.7	15.4	3.62	A	
4000	4000	8000				16000	2730	2730	5330			2160	10790	12800	540	2870	3510	2.5	13.1	16.1	3.76	A	
4000	6000	6000				16000	2700	4050	4050			2160	10800	12800	540	2870	3510	2.5	13.1	16.1	3.76	A	
4000	6000	8000				18000	2470	3710	4820			2240	11000	12960	560	2930	3570	2.6	13.4	16.3	3.75	A	
4000	8000	8000				20000	2240	4380	4380			2320	11000	13430	580	3040	3720	2.7	13.9	17.0	3.62	A	
6000	6000	6000				18000	3660	3670	3670			2200	11000	12960	550	2930	3570	2.5	13.4	16.3	3.75	A	
6000	6000	8000				20000	3330	3330	4340			2280	11000	13430	570	3040	3710	2.6	13.9	17.0	3.62	A	

FJM Capacity Combination



HEATING																							
Outdoor unit		Indoor Index					Heating Capacity (W)					Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	
		A	B	C	D	E	Total	A	B	C	D	E	W			W			A				COP
A100QJSEH	4 Unit	2200	2200	2200	2200		8800	2200	2200	2200	2200		1400	8800	9800	520	2240	2700	2.4	10.3	12.4	3.93	A
		2200	2200	2200	3200		9800	2140	2140	2140	3210		1560	9630	11380	520	2550	3120	2.4	11.7	14.3	3.78	A
		2200	2200	2200	4000		10600	2010	2010	2010	3660		1590	9690	12170	530	2730	3330	2.4	12.5	15.2	3.55	A
		2200	2200	2200	6000		12600	1730	1730	1730	4710		1780	9900	12170	540	2740	3350	2.5	12.5	15.3	3.61	A
		2200	2200	2200	8000		14600	1630	1630	1630	5770		1960	10660	12320	560	2810	3410	2.6	12.9	15.6	3.79	A
		2200	2200	3200	3200		10800	1950	1950	2920	2920		1560	9740	11530	520	2590	3160	2.4	11.9	14.5	3.76	A
		2200	2200	3200	4000		11600	1840	1840	2760	3350		1590	9790	11850	530	2680	3250	2.4	12.3	14.9	3.65	A+
		2200	2200	3200	6000		13600	1610	1610	2410	4380		1890	10010	12170	540	2740	3350	2.5	12.5	15.3	3.65	A
		2200	2200	3200	8000		15600	1530	1530	2290	5410		1960	10760	12480	560	2850	3450	2.6	13.0	15.8	3.78	A
		2200	2200	4000	4000		12400	1750	1750	3190	3190		1750	9880	12170	530	2730	3340	2.4	12.5	15.3	3.62	A
		2200	2200	4000	6000		14400	1630	1630	2960	4440		1930	10660	12320	550	2790	3390	2.5	12.8	15.5	3.82	A
		2200	2200	4000	8000		16400	1470	1470	2670	5210		2280	10820	12800	570	2900	3540	2.6	13.3	16.2	3.73	A
		2200	2200	6000	6000		16400	1460	1460	3970	3970		2240	10860	12800	560	2890	3530	2.6	13.2	16.2	3.76	A
		2200	2200	6000	8000		18400	1330	1330	3630	4710		2320	11000	12960	580	2960	3600	2.7	13.5	16.5	3.72	A
		2200	3200	3200	3200		11800	1790	2690	2690	2690		1720	9860	12170	520	2720	3330	2.4	12.4	15.2	3.63	A
		2200	3200	3200	4000		12600	1710	2560	2560	3100		1750	9930	12320	530	2770	3370	2.4	12.7	15.4	3.58	A
		2200	3200	3200	6000		14600	1590	2380	2380	4330		1890	10680	12480	540	2830	3430	2.5	13.0	15.7	3.77	A
		2200	3200	3200	8000		16600	1440	2160	2160	5100		2240	10860	12960	560	2940	3580	2.6	13.5	16.4	3.69	A
		2200	3200	4000	4000		13400	1630	2440	2960	2960		1860	9990	12170	530	2730	3340	2.4	12.5	15.3	3.66	A
		2200	3200	4000	6000		15400	1530	2290	2780	4170		1930	10770	12480	550	2840	3440	2.5	13.0	15.7	3.79	A
		2200	3200	4000	8000		17400	1400	2100	2540	4960		2280	11000	12960	570	2940	3580	2.6	13.5	16.4	3.74	A
		2200	3200	6000	6000		17400	1390	2070	3770	3770		2240	11000	12960	560	2940	3580	2.6	13.5	16.4	3.74	A
		2200	3200	6000	8000		19400	1250	1880	3420	4450		2320	11000	13110	580	3000	3640	2.7	13.7	16.7	3.67	A
		2200	4000	4000	4000		14200	1560	2830	2830	2830		1890	10050	12320	540	2780	3380	2.5	12.7	15.5	3.62	A
		2200	4000	4000	6000		16200	1470	2670	2670	4010		2200	10820	12800	550	2880	3520	2.5	13.2	16.1	3.76	A
		2200	4000	4000	8000		18200	1350	2440	2440	4770		2280	11000	12960	570	2950	3590	2.6	13.5	16.4	3.73	A
		2200	4000	6000	6000		18200	1330	2410	3630	3630		2280	11000	12960	570	2940	3580	2.6	13.5	16.4	3.74	A
		2200	4000	6000	8000		20200	1210	2200	3300	4290		2360	11000	13430	590	3050	3730	2.7	14.0	17.1	3.61	A
		2200	6000	6000	6000		20200	1190	3270	3270	3270		2320	11000	13430	580	3050	3720	2.7	14.0	17.0	3.61	A
		3200	3200	3200	3200		12800	2490	2490	2490	2490		1820	9960	12480	520	2810	3410	2.4	12.9	15.6	3.54	A+
		3200	3200	3200	4000		13600	2380	2380	2380	2880		1860	10020	12320	530	2770	3370	2.4	12.7	15.4	3.62	A
		3200	3200	3200	6000		15600	2240	2240	2240	4080		2160	10800	12800	540	2870	3510	2.5	13.1	16.1	3.76	A
		3200	3200	3200	8000		17600	2050	2050	2050	4850		2240	11000	12960	560	2940	3580	2.6	13.5	16.4	3.74	A
		3200	3200	4000	4000		14400	2410	2410	2920	2920		1860	10660	12480	530	2820	3420	2.4	12.9	15.7	3.78	A
		3200	3200	4000	6000		16400	2160	2160	2620	3930		2200	10870	12960	550	2920	3560	2.5	13.4	16.3	3.72	A
		3200	3200	4000	8000		18400	1970	1970	2400	4660		2280	11000	13110	570	2990	3620	2.6	13.7	16.6	3.68	A
		3200	3200	6000	6000		18400	1950	1950	3550	3550		2240	11000	13110	560	2980	3620	2.6	13.6	16.6	3.69	A
		3200	3200	6000	8000		20400	1780	1780	3240	4200		2320	11000	13590	580	3090	3760	2.7	14.1	17.2	3.56	A
		3200	4000	4000	4000		15200	2320	2810	2810	2810		1890	10750	12480	540	2830	3430	2.5	13.0	15.7	3.80	A
		3200	4000	4000	6000		17200	2100	2540	2540	3820		2200	11000	12960	550	2930	3570	2.5	13.4	16.3	3.75	A
		3200	4000	4000	8000		19200	1910	2300	2300	4490		2280	11000	13110	570	2990	3630	2.6	13.7	16.6	3.68	A
		3200	4000	6000	6000		19200	1880	2280	3420	3420		2280	11000	13110	570	2990	3620	2.6	13.7	16.6	3.68	A
		4000	4000	4000	4000		16000	2700	2700	2700	2700		2160	10800	12800	540	2870	3510	2.5	13.1	16.1	3.76	A
		4000	4000	4000	6000		18000	2440	2440	2440	3680		2240	11000	12960	560	2930	3570	2.6	13.4	16.3	3.75	A
		4000	4000	4000	8000		20000	2220	2220	2220	4340		2320	11000	13430	580	3040	3720	2.7	13.9	17.0	3.62	A
		4000	4000	6000	6000		20000	2200	2200	3300	3300		2280	11000	13430	570	3040	3710	2.6	13.9	17.0	3.62	A

HEATING																							
Outdoor unit		Indoor Index					Heating Capacity (W)					Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	
		A	B	C	D	E	Total	A	B	C	D	E	W			W			A				
													MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM			MAX
A100QJSEH	5 Unit	2200	2200	2200	2200	2200	11000	2200	2200	2200	2200	2200	1650	11000	13110	550	2970	3610	2.5	13.6	16.5	3.70	A
		2200	2200	2200	2200	3200	12000	2080	2080	2080	2080	3120	1820	11440	12960	550	2930	3570	2.5	13.4	16.3	3.90	A
		2200	2200	2200	2200	4000	12800	1990	1990	1990	1990	3620	1850	11580	13110	560	2980	3610	2.6	13.6	16.5	3.89	A
		2200	2200	2200	2200	6000	14800	1710	1710	1710	1710	4660	2000	11500	13430	570	3040	3710	2.6	13.9	17.0	3.78	A
		2200	2200	2200	2200	8000	16800	1580	1580	1580	1580	5610	2360	11930	13750	590	3140	3810	2.7	14.4	17.4	3.80	A
		2200	2200	2200	3200	3200	13000	1950	1950	1950	2930	2930	1930	11710	13430	550	3020	3690	2.5	13.8	16.9	3.88	A
		2200	2200	2200	3200	4000	13800	1880	1880	1880	2820	3420	1960	11880	13110	560	2980	3610	2.6	13.6	16.5	3.99	A
		2200	2200	2200	3200	6000	15800	1630	1630	1630	2440	4450	2280	11780	13590	570	3080	3750	2.6	14.1	17.2	3.82	A
		2200	2200	2200	3200	8000	17800	1490	1490	1490	2240	5290	2360	12000	13900	590	3190	3860	2.7	14.6	17.7	3.76	A
		2200	2200	2200	4000	4000	14600	1730	1730	1730	3140	3140	1960	11470	13430	560	3030	3700	2.6	13.9	16.9	3.79	A
		2200	2200	2200	4000	6000	16600	1580	1580	1580	2880	4320	2320	11940	13750	580	3130	3800	2.7	14.3	17.4	3.81	A
		2200	2200	2200	4000	8000	18600	1430	1430	1430	2620	5090	2400	12000	14000	600	3240	3940	2.7	14.8	18.0	3.70	A
		2200	2200	2200	6000	6000	18600	1420	1420	1420	3870	3870	2360	12000	14000	590	3230	3940	2.7	14.8	18.0	3.72	A
		2200	2200	3200	3200	3200	14000	1840	1840	2760	2760	2760	1930	11960	13430	550	3020	3690	2.5	13.8	16.9	3.96	A
		2200	2200	3200	3200	4000	14800	1690	1690	2540	2540	3080	1960	11540	13590	560	3070	3740	2.6	14.1	17.1	3.76	A
		2200	2200	3200	3200	6000	16800	1550	1550	2330	2330	4240	2280	12000	13900	570	3170	3840	2.6	14.5	17.6	3.79	A
		2200	2200	3200	3200	8000	18800	1400	1400	2110	2110	4980	2360	12000	14000	590	3280	3940	2.7	15.0	18.0	3.66	A
		2200	2200	3200	4000	4000	15600	1640	1640	2470	2990	2990	2240	11730	13590	560	3070	3740	2.6	14.1	17.1	3.82	A
		2200	2200	3200	4000	6000	17600	1490	1490	2240	2710	4070	2320	12000	13900	580	3170	3840	2.7	14.5	17.6	3.79	A
		2200	2200	3200	4000	8000	19600	1350	1350	2040	2460	4800	2400	12000	14000	600	3280	3940	2.7	15.0	18.0	3.66	A
		2200	2200	3200	6000	6000	19600	1340	1340	2020	3650	3650	2360	12000	14000	590	3280	3940	2.7	15.0	18.0	3.66	A
		2200	2200	4000	4000	4000	16400	1600	1600	2900	2900	2900	2280	11900	13750	570	3120	3790	2.6	14.3	17.3	3.81	A
		2200	2200	4000	4000	6000	18400	1430	1430	2610	2610	3920	2320	12000	14000	580	3220	3930	2.7	14.7	18.0	3.73	A
		2200	3200	3200	3200	3200	15000	1670	2500	2500	2500	2500	1930	11670	13590	550	3060	3730	2.5	14.0	17.1	3.81	A
		2200	3200	3200	3200	4000	15800	1620	2420	2420	2420	2940	2240	11820	13750	560	3110	3780	2.6	14.2	17.3	3.80	A
		2200	3200	3200	3200	6000	17800	1460	2190	2190	2190	3970	2280	12000	14000	570	3210	3920	2.6	14.7	17.9	3.74	A
		2200	3200	3200	3200	8000	19800	1330	1990	1990	1990	4700	2360	12000	14000	590	3320	3940	2.7	15.2	18.0	3.61	A
		2200	3200	3200	4000	4000	16600	1570	2350	2360	2860	2860	2240	12000	13900	560	3160	3830	2.6	14.5	17.5	3.80	A
		2200	3200	3200	4000	6000	18600	1400	2110	2110	2550	3830	2320	12000	14000	580	3260	3920	2.7	14.9	17.9	3.68	A
		2200	3200	3200	4000	8000	20600	1290	1920	1920	2330	4540	2400	12000	14000	600	3370	3940	2.7	15.4	18.0	3.56	A
		2200	3200	3200	6000	6000	20600	1280	1900	1900	3460	3460	2360	12000	14000	590	3370	3940	2.7	15.4	18.0	3.56	A
		2200	3200	4000	4000	4000	17400	1520	2260	2740	2740	2740	2280	12000	13900	570	3160	3830	2.6	14.5	17.5	3.80	A
2200	3200	4000	4000	6000	19400	1360	2030	2460	2460	3690	2320	12000	14000	580	3270	3930	2.7	15.0	18.0	3.67	A		
2200	4000	4000	4000	4000	18200	1440	2640	2640	2640	2640	2280	12000	14000	570	3210	3920	2.6	14.7	17.9	3.74	A		
3200	3200	3200	3200	3200	16000	2400	2400	2400	2400	2400	3400	12000	14000	550	2930	3900	2.5	13.4	17.8	4.10	A		
3200	3200	3200	3200	4000	16800	2300	2300	2300	2300	2800	2240	12000	13900	560	3150	3820	2.6	14.4	17.5	3.81	A		
3200	3200	3200	3200	6000	18800	2060	2060	2060	2060	3760	2280	12000	14000	570	3260	3920	2.6	14.9	17.9	3.68	A		
3200	3200	3200	3200	8000	20800	1890	1890	1890	1890	4440	2360	12000	14000	590	3370	3940	2.7	15.4	18.0	3.56	A		
3200	3200	3200	4000	4000	17600	2210	2210	2210	2680	2690	2240	12000	14000	560	3200	3910	2.6	14.6	17.9	3.75	A		
3200	3200	3200	4000	6000	19600	1990	1990	2410	3620	2320	2320	12000	14000	580	3310	3920	2.7	15.1	17.9	3.63	A		
3200	3200	4000	4000	4000	18400	2130	2130	2580	2580	2580	2280	12000	14000	570	3250	3910	2.6	14.9	17.9	3.69	A		
3200	3200	4000	4000	6000	20400	1920	1920	2330	2330	3500	3400	12000	14000	580	3360	3930	2.7	15.4	18.0	3.57	A		
3200	4000	4000	4000	4000	19200	2040	2490	2490	2490	2490	2280	12000	14000	570	3260	3920	2.6	14.9	17.9	3.68	A		

SINGLE

Lineup - Outdoor Units

CAPACITY		2.6 kW	3.5 kW	5.2 kW	6.0 kW	7.1 kW	9.0 kW	10.0 kW	12.5 kW	14.0 kW
TYPE	PHASE									
	PREMIUM									
	3PHASE									
SMART INVERTER	1PHASE									
	3PHASE									
R INVERTER	1PHASE									

CAPACITY		10.0 kW
TYPE	FLAGSHIP (One Size)	

Cassette

MODEL		Flagship	Premium	Deluxe		
			4Way S (600x600)	Deluxe	4Way S (600x600)	Slim 1Way
CAPACITY	2.6				●	●
	3.5				●	●
	5.2			●	●	
	6.0				●	
	7.1		●	●	●	
	9.0		●	●		
	10.0	●	●	●		
	12.5		●	●		
	14.0		●	●		
FEATURES	Powerful Airflow	●	●	●	●	●
	Ceiling Dust Prevention	●	●	●	●	●
	Fresh Air Intake	●	●	●	●	
	High Lift-up Drain Pump	●	●	●	●	●
	Sub Duct	●	●	●	●	

Wall-mounted - Primium

MODEL		
CAPACITY	2.6	●
	3.5	●
	5.2	●
	7.1	●
FEATURES	Full HD Filter	●
	Smart Inverter	●
	good'sleep	●

Duct

MODEL		Premium	Delux	Delux
		MSP	MSP	LSP
CAPACITY	2.6			●
	3.5		●	●
	5.0	●	●	●
	6.0		●	
	7.1	●	●	●
	9.0	●	●	
	10.0	●	●	
	12.0	●	●	
	14.0	●	●	
FEATURES	Pre Filter	●	●	●
	Easy Filter Cleaning	●	●	●
	High Lift-up Drain Pump	●	●	●
	Smart Pressure Control	●	●	●

Console & Ceiling

MODEL			
CAPACITY	2.6	●	
	3.5	●	
	5.2	●	●
	7.1		●
FEATURES	Virus Doctor	●	
	Interior Design	●	●
	Anti-virus Filter	●	●
	Lightweight Unit	●	●
	Flexible Pipe Installation	●	●

SINGLE Specification - Indoor Units



4Way Cassette S

- Virus Doctor (Optional)
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling



Flagship

Premium

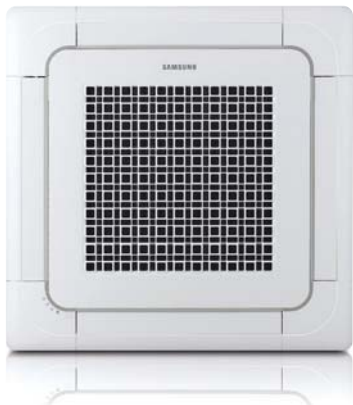
Model Name		Indoor Unit		AC100FB4FEH	AC071FB4PEH	AC090FB4PEH	AC100FB4PEH	NS1254PXA
Mode		Outdoor Unit		AC100FCAFEH	AC071FCAPEH	AC090FCAPEH	AC100FCAPEH	RC125PHGA
			-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW		4.40/10.00/12.00	2.20/7.10/8.00	2.50/9.00/10.00	3.50/10.00/12.00	3.50/12.50/14.00
	Heating (Min. / Std. / Max.)	Btu/h		15,000/34,100/40,900	7,500/24,200/27,300	8,500/30,700/34,100	11,900/34,100/40,900	11,900/42,700/47,800
		kW		3.50/11.20/15.50	1.90/8.00/9.00	2.30/10.00/13.90	3.50/11.20/15.50	3.50/14.00/16.20
		Btu/h		11,900/38,200/52,900	6,500/27,300/30,700	7,800/34,100/47,400	11,900/38,200/52,900	11,900/47,800/55,300
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.05/2.38/3.10	0.35/1.97/4.00	0.60/2.65/3.70	0.80/2.50/3.80	0.80/3.47/4.80
		Heating (Min. / Std. / Max.)		0.62/2.46/4.60	0.35/2.10/4.00	0.48/2.63/5.20	0.70/2.60/4.50	0.70/3.59/4.50
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	4.60/11.50/24.00	2.00/9.50/21.00	3.00/13.30/18.70	2.10/4.20/12.00	2.10/5.80/12.00
		Heating (Min. / Std. / Max.)		3.00/11.80/24.00	2.00/9.80/21.00	2.40/13.00/23.00	2.10/4.30/16.10	2.10/5.80/16.10
Energy Efficiency	MCA		A	25.00 (MCA)	20.30 (MCA)	25.00 (MCA)	13.00 (MCA)	25.00 (MCA)
	MFA		A	30.00	25.00	30.00	15.00	30.00
	EER (Nominal Cooling)		-	4.20	3.60	3.40	4.00	4.00
	COP (Nominal Heating)		-	4.55	3.81	3.80	4.31	4.31
			-					
	Energy Grade		-	Energy Grade (C) 6.7(A++)	Energy Grade (C) 6.4(A++)	Energy Grade (C) 6.4(A++)	Energy Grade (C) 6.4(A++)	Energy Grade (C) A
Piping Connections			-	Energy Grade (H) 4.31(A+)	Energy Grade (H) 4.2(A+)	Energy Grade (H) 4.2(A+)	Energy Grade (H) 4.2(A+)	Energy Grade (H) A
	Liquid Pipe		Φ, mm	9.52	9.52	9.52	9.52	9.52
			Φ, inch	3/8"	1/4"	3/8"	3/8"	3/8"
	Gas Pipe		Φ, mm	15.88	15.88	15.88	15.88	15.88
			Φ, inch	5/8"	5/8"	5/8"	5/8"	5/8"
	Installation Limitation		m	75(75)	50(55)	75(75)	75(75)	75(75)
	Max. Height (Between ID/OD)		m	30(30)	30(30)	30(30)	30(30)	30(30)
Field Wiring	Power Source Wire		-	4.0 ~ 6.0	2.5 ~ 4.0	2.5 ~ 4.0	1.5 ~ 2.5	2.5 ~ 4.0
	Transmission Cable		-	0.75 ~ 1.25	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	-	-	-	-	-
	Factory Charging		kg	3.80	1.80	3.00	3.40	3.40
INDOOR UNIT								
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor		W	-	-	-	-	-
	Number of Unit	Output	EA	1.00	1.00	1.00	1.00	1.00
	Air Flow Rate	High / Mid / Low	CMM	32.00/28.00/22.00	21.00/19.00/17.00	27.00/24.00/20.00	30.00/24.00/18.90	32.00/28.00/22.00
	External Static Pressure	Min / Std / Max	l/s	533.33/466.67/366.67	350.00/316.67/283.33	450.00/400.00/333.33	500.00/400.00/315.00	533.33/466.67/366.67
Drain			-	-	-	-	-	-
	Drain Pipe		Pa	-	-	-	-	-
Sound	Sound Pressure	High / Mid / Low	Φ,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
	Net Weight		dB(A)	45.00/38.5/32.0	37.00/33.0/28.0	42.00/37.0/32.0	44.00/39.0/34.0	44.00/40.0/36.0
External Dimension	Shipping Weight		kg	20.00	17.00	18.00	21.00	20.00
	Net Dimensions (WxHxD)		kg	25.00	22.00	23.00	26.00	26.00
Panel Size	Shipping Dimensions (WxHxD)		mm	840 x 288 x 840	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
	Panel model		mm	898 x 357 x 898	898 x 316 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898
	Panel Net Weight		-	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE
	Shipping Weight		kg	5.90	5.90	5.90	5.90	5.90
	Net Dimensions (WxHxD)		kg	8.40	8.40	8.40	8.40	8.40
Additional Accessories	Shipping Dimensions (WxHxD)		mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
	Drain pump	Drain pump	mm	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005
	Max. lifting Height / Displacement		mm / liter/h	-	-	-	-	-
	Air Filter		-	-	-	-	-	-
OUTDOOR UNIT								
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Type		-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Model		-	UG5T450FXAXSG	UG4T200FUAE4SG	UG8T200FUAE4SG	UG5T450FUFJXSG	UG5T450FUFJXSG
	Output		kW	4.01	1.79	2.82	4.12	4.12
	Oil		-	POE	POE	POE	POE	POE
	Initial Charge		cc	1700.00	650.00	1200.00	1700.00	1700.00
Fan	Air Flow Rate	Cooling	CMM	112.00	50.00	63.50	91.00	90.50
	Sound Pressure	Cooling / Heating	l/s	1,866.67	833.33	1,058.33	1,516.67	1,508.33
External Dimension	Net Weight		dB(A)	49.0 / 51.0	49.0 / 51.0	52.0 / 53.0	50.0 / 52.0	51.0 / 52.0
	Shipping Weight		kg	98.00	55.00	72.00	91.00	88.00
	Net Dimensions (WxHxD)		kg	108.00	59.00	77.00	101.00	98.00
	Shipping Dimensions (WxHxD)		mm	940 x 1420 x 330	880 x 798 x 310	940 x 998 x 330	940 x 1210 x 330	940 x 1210 x 330
Operating Temp. Range	Cooling		mm	1009 x 1578 x 419	1023 x 891 x 413	995 x 1096 x 426	995 x 1338 x 426	995 x 1338 x 426
	Heating		°C	-15~50	-15~50	-15~50	-15~50	-15~50
			°C	-20~24	-20~24	-20~24	-20~24	-20~24

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories



SINGLE Specification - Indoor Units



4Way Cassette S

- Virus Doctor (Optional)
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling



				Premium			Deluxe		
Model Name	Indoor Unit	Outdoor Unit		NS1254PXE	NS1404PXE	NS1404PXE	AC052FB4DEH	AC071FB4DEH	AC090FB4DEH
Mode			-	RC125PHXE	RC140PHXE	RC140PHXE	AC052FCADEH	AC071FCADEH	AC090FCADEH
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		kW	3.50/12.50/14.00	4.40/14.00/15.50	4.40/14.00/15.50	1.00/5.10/6.00	2.20/7.10/8.00	3.00/9.00/10.00
	Heating (Min. / Std. / Max.)		Btu/h	11,900/42,700/47,800	15,000/47,800/52,900	15,000/47,800/52,900	3,400/17,400/20,500	7,500/24,200/27,300	10,200/30,700/34,100
			kW	3.50/14.00/16.20	3.50/16.00/20.00	3.50/16.00/20.00	1.00/5.70/7.00	1.90/8.00/9.00	2.20/10.00/13.90
			Btu/h	11,900/47,800/55,300	11,900/54,600/68,200	11,900/54,600/68,200	3,400/19,400/23,900	6,500/27,300/30,700	7,500/34,100/47,400
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.80/3.47/4.80	1.05/4.00/5.40	1.05/4.00/5.40	0.33/1.54/2.10	0.35/2.21/4.00	0.60/2.99/3.70
		Heating (Min. / Std. / Max.)	kW	0.70/3.59/4.50	0.87/4.10/6.50	0.87/4.10/6.50	0.25/1.46/1.90	0.35/2.22/4.00	0.46/2.93/5.20
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	3.70/15.50/24.00	4.60/17.80/24.00	4.60/17.80/24.00	1.50/7.20/9.20	2.00/10.00/21.00	3.00/12.70/18.70
		Heating (Min. / Std. / Max.)	A	3.50/16.00/24.00	4.00/18.70/28.00	4.00/18.70/28.00	1.50/7.00/8.60	2.00/10.00/21.00	2.50/12.50/22.70
	MCA		A	25.00 (MCA)	33.00 (MCA)	33.00 (MCA)	10.80 (MCA)	20.30 (MCA)	24.70 (MCA)
Energy Efficiency	MFA		A	30.00	40.00	40.00	13.13	25.00	30.00
	EER (Nominal Cooling)		-	3.60	3.50	3.50	3.31	3.21	3.01
	COP (Nominal Heating)		-	3.90	3.90	3.90	3.90	3.60	3.41
	Energy Grade		-	Energy Grade (C) A	Energy Grade (C) A	Energy Grade (C) A	Energy Grade (C) 6.0(A++)	Energy Grade (C) 6.0(A+)	Energy Grade (C) 5.6(A+)
			-	Energy Grade (H) A	Energy Grade (H) A	Energy Grade (H) A	Energy Grade (H) 4.0(A+)	Energy Grade (H) 3.9(A)	Energy Grade (H) 3.8(A)
Piping Connections	Liquid Pipe		Φ, mm	9.52	9.52	9.52	6.35	6.35	9.52
			Φ, inch	3/8"	3/8"	3/8"	1/4"	1/4"	3/8"
	Gas Pipe		Φ, mm	15.88	15.88	15.88	12.70	15.88	15.88
			Φ, inch	5/8"	5/8"	5/8"	1/2"	5/8"	5/8"
	Installation Limitation	Max. Length (Outdoor to indoor)	m	75(75)	75(75)	75(75)	30(35)	50(55)	50(55)
Field Wiring	Power Source Wire		-	2.5~4.0	4.0~6.0	4.0~6.0	2.5~4.0	2.5~4.0	2.5~4.0
	Transmission Cable		-	0.75~1.25	0.75~1.25	0.75~1.25	0.75~1.0	0.75~1.0	0.75~1.25
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A	R410A
	Control Method		-	-	-	-	-	-	-
	Factory Charging		kg	3.40	3.80	3.80	1.40	1.80	3.00
INDOOR UNIT									
Power Supply			Φ, Φ, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
Motor	Output		W	-	-	-	-	-	-
	Number of Unit		EA	1.00	1.00	1.00	1.00	1.00	1.00
Air Flow Rate			CMM	32.00/28.00/22.00	32.00/28.00/22.00	32.00/28.00/22.00	17.00/15.50/13.00	19.50/16.50/14.50	24.50/21.00/17.50
			l/s	533.33/466.67/366.67	533.33/466.67/366.67	533.33/466.67/366.67	283.33/275.00/241.67	325.00/275.00/241.67	408.33/350.00/291.67
External Static Pressure			mmAq	-	-	-	-	-	-
			Pa	-	-	-	-	-	-
Drain	Drain Pipe		Φ,mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	Sound Pressure	High / Mid / Low	dBA	44.00/40.0/36.0	45.00/41.5/38.0	45.00/41.5/38.0	35.00/32.0/29.0	37.00/35.0/30.0	40.00/36.0/32.0
External Dimension	Net Weight		kg	20.00	20.00	21.00	15.50	15.00	16.00
	Shipping Weight		kg	26.00	26.00	26.00	19.50	20.00	20.50
	Net Dimensions (WxHxD)		mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 204 x 840	840 x 204 x 840	840 x 246 x 840
	Shipping Dimensions (WxHxD)		mm	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	898 x 274 x 898	898 x 274 x 898	898 x 316 x 898
Panel Size	Panel model		-	PC4NUSKE	PC4NUSKE	PC4NUSKE	-	PC4NUSKE	PC4NUSKE
	Panel Net Weight		kg	5.90	5.90	5.90	-	5.90	5.90
	Shipping Weight		kg	8.40	8.40	8.40	-	8.40	8.40
	Net Dimensions (WxHxD)		mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	-	950 x 45 x 950	950 x 45 x 950
Additional Accessories	Drain pump	Drain pump	-	-	-	-	-	-	-
	Air Filter	Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-
OUTDOOR UNIT									
Power Supply			Φ, Φ, V, Hz	1,2,220-240,50	1,2,220-240,50	3,4,380-415,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Type		-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
Compressor	Model		-	UGST450FUEJXSG	UGST450FUEJXSG	UGST450FUEJXSG	UG4T150FUEJQ	UG4T150FUEJQ	UG8T300FUEJUSG
	Output		kW	4.12	4.01	4.01	1.37	1.79	2.82
Oil	Type		-	POE	POE	POE	POE	POE	POE
	Initial Charge		cc	1700.00	1700.00	1700.00	650.00	650.00	1200.00
Fan	Air Flow Rate	Cooling	CMM	90.50	101.00	101.00	-	50.00	63.50
			l/s	1,508.33	1,683.33	1,683.33	-	833.33	1,058.33
Sound	Sound Pressure	Cooling / Heating	dBA	51.0 / 52.0	51.0 / 53.0	51.0 / 53.0	48.0 / 49.0	49.0 / 51.0	51.0 / 52.0
	Net Weight		kg	88.00	98.00	101.00	38.50	55.00	72.00
External Dimension	Shipping Weight		kg	98.00	108.00	111.00	42.50	59.00	77.00
	Net Dimensions (WxHxD)		mm	940 x 1210 x 330	940 x 1420 x 330	940 x 1420 x 330	790 x 548 x 285	880 x 798 x 310	940 x 998 x 330
	Shipping Dimensions (WxHxD)		mm	995 x 1338 x 426	1009 x 1548 x 419	1009 x 1548 x 419	926 x 655 x 382	1023 x 891 x 413	995 x 1096 x 426
	Operating Temp. Range		°C	-15~50	-15~50	-15~50	-15~46	-15~50	-15~50
			°C	-20~24	-20~24	-20~24	-15~24	-20~24	-20~24

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Optional Accessories

Individual Controllers



MWR-WE10



MWR-WH00



MWR-SH00



MR-DH00

Panel



PC4NUSKA



PC4NBSKA



PC4NUSKE

SINGLE Specification - Indoor Units



4Way Cassette S

- Virus Doctor (Optional)
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling



			Deluxe					
Model Name	Indoor Unit		AC100FB4DEH	AC100FB4DEH	NS1254DKEA	NS1254DKEA	NS1404DKEA	NS1404DKEA
Mode	Outdoor Unit		AC100FCADGH	AC100FCADGH	RC125DHXEB	RC125DHXGA	RC140DHXEB	RC140DHXGA
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	4.00/10.00/12.00	3.20/10.00/12.00	3.50/12.50/14.00	3.50/12.50/14.00	3.50/14.00/15.50	3.50/14.00/15.50
		Btu/h	13,600/34,100/40,900	10,900/34,100/40,900	11,900/42,700/47,800	11,900/42,700/47,800	11,900/47,800/52,900	11,900/47,800/52,900
	Heating (Min. / Std. / Max.)	kW	3.50/11.20/15.50	2.20/11.20/15.50	3.00/14.00/16.20	3.00/14.00/16.20	3.50/16.00/18.00	3.50/16.00/18.00
Power		Btu/h	11,900/38,200/52,900	7,500/38,200/52,900	10,200/47,800/55,300	10,200/47,800/55,300	11,900/54,600/61,400	11,900/54,600/61,400
	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.90/3.32/4.70	0.60/3.32/4.70	0.80/3.89/4.50	0.80/4.36/5.40	0.80/4.36/5.40
		Heating (Min. / Std. / Max.)	kW	0.70/3.28/5.50	0.50/3.32/5.20	0.81/3.88/4.88	0.70/4.43/6.16	0.70/4.43/6.16
Energy Efficiency	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	1.60/5.10/7.80	3.00/15.10/20.50	4.00/18.00/20.00	3.70/20.00/24.00	2.10/7.50/12.00
		Heating (Min. / Std. / Max.)	A	1.30/5.10/16.10	2.60/14.60/24.00	3.50/18.00/24.00	3.50/20.00/24.00	2.10/7.40/16.10
	MCA		A	12.70 (MCA)	24.70 (MCA)	25.00 (MCA)	25.00 (MCA)	13.00 (MCA)
Piping Connections	MFA		A	15.00	30.00	30.00	30.00	15.00
	EER (Nominal Cooling)		-	3.01	3.01	3.21	3.21	3.21
	COP (Nominal Heating)		-	3.41	3.61	3.61	3.61	3.61
Field Wiring	Energy Grade		-	Energy Grade (C) 5.6(A+)	Energy Grade (C) 5.6(A+)	Energy Grade (C) A	Energy Grade (C) A	Energy Grade (C) A
			-	Energy Grade (H) 3.8(A)	Energy Grade (H) 3.8(A)	Energy Grade (H) A	Energy Grade (H) A	Energy Grade (H) A
	Liquid Pipe	Φ, mm	9.52	9.52	9.52	9.52	9.52	9.52
Refrigerant		Φ, inch	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe	Φ, mm	15.88	15.88	15.88	15.88	15.88	15.88
		Φ, inch	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
INDOOR UNIT	Installation Limitation	Max. Length (Outdoor to indoor)	m	50(55)	75(75)	75(75)	75(75)	75(75)
		Max. Height (Between ID/DD)	m	30(30)	30(30)	30(30)	30(30)	30(30)
	Power Source Wire		-	1.5~2.5	2.5~4.0	1.5~2.5	2.5~4.0	1.5~2.5
Power Supply	Transmission Cable		-	0.75~1.25	0.75~1.25	0.75~1.25	0.75~1.25	0.75~1.25
	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	-	-	-	-	-
Outdoor Unit	Factory Charging	kg	3.10	3.00	2.90	2.90	3.40	3.40
	Φ, Φ, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
Drain	Motor	Output	W	-	-	-	-	-
	Number of Unit		EA	1.00	1.00	1.00	1.00	1.00
	Air Flow Rate	High / Mid / Low	CMM	28.00/25.50/22.00	30.00/24.00/19.00	30.00/24.00/19.00	32.00/28.00/22.00	32.00/28.00/22.00
Sound			l/s	466.67/425.00/366.67	500.00/400.00/316.67	500.00/400.00/316.67	533.33/466.67/366.67	533.33/466.67/366.67
	External Static Pressure	Min / Std / Max	mmAq	-	-	-	-	-
			Pa	-	-	-	-	-
External Dimension	Drain Pipe		VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	Sound Pressure	High / Mid / Low	dBA	44.00/39.0/34.0	44.00/40.0/36.0	44.00/40.0/36.0	45.00/41.5/38.0	45.00/41.5/38.0
	Net Weight		kg	16.00	18.00	18.00	20.00	20.00
Panel Size	Shipping Weight		kg	20.50	24.00	24.00	26.00	26.00
	Net Dimensions (WxHxD)		mm	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
	Shipping Dimensions (WxHxD)		mm	898 x 316 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898
Additional Accessories	Panel model		PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE
	Panel Net Weight		kg	5.90	5.90	5.90	5.90	5.90
	Shipping Weight		kg	8.40	8.40	8.40	8.40	8.40
Operating Temp. Range	Net Dimensions (WxHxD)		mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
	Shipping Dimensions (WxHxD)		mm	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005
	Drain pump	Drain pump	-	-	-	-	-	-
OUTDOOR UNIT	Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-
	Air Filter		-	-	-	-	-	-
Compressor	Φ, Φ, V, Hz		3,4,380-415,50	1,2,220-240,50	1,2,220-240,50	3,4,380-415,50	1,2,220-240,50	3,4,380-415,50
	Type		-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Model		UGST450FUFJXSG	UG8T300FUBJUSG	UGST450FUFJXSG	UGST450FUFJXSG	UGST450FUFJXSG	UGST450FUFJXSG
Fan	Output		kW	4.12	4.12	4.12	4.12	4.12
		Type	-	POE	POE	POE	POE	POE
	Oil	Initial Charge	cc	1700.00	1200.00	1700.00	1700.00	1700.00
Sound	Air Flow Rate	Cooling	CMM	68.00	90.50	90.50	90.50	90.50
			l/s	1,133.33	1,508.33	1,508.33	1,508.33	1,508.33
	Sound Pressure	Cooling / Heating	dBA	52.0 / 54.0	51.0 / 52.0	51.0 / 52.0	52.0 / 54.0	52.0 / 54.0
External Dimension	Net Weight		kg	81.00	88.00	91.00	88.00	91.00
	Shipping Weight		kg	86.00	98.00	101.00	98.00	101.00
	Net Dimensions (WxHxD)		mm	940 x 998 x 330	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330
Operating Temp. Range	Shipping Dimensions (WxHxD)		mm	995 x 1096 x 426	995 x 1338 x 426	995 x 1338 x 426	995 x 1338 x 426	995 x 1338 x 426
	Cooling		°C	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating		°C	-20~24	-20~24	-20~24	-20~24	-20~24

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Optional Accessories

Individual Controllers



MWR-WE10



MWR-WH00



MWR-SH00



MR-DH00

Panel



PC4NUSKA



PC4NBSKA



PC4NUSKE

SINGLE Specification - Indoor Units



4Way Cassette S (600x600)

- Compact and Light Unit
- Virus Doctor (Optional)
- Motion Detect Sensor (Optional)
- No Overflowing Drain Water



Model Name			Indoor Unit	AC026FBNDEH	AC035FBNDEH	AC052FBNDEH	AC060FBNDEH	AC071FBNDEH
Mode			Outdoor Unit	AC026FCADEH	AC035FCADEH	AC052FCADEH	AC060FCADEH	AC071FCADEH
Capacity (Nominal)			Cooling (Min. / Std. / Max.)	0.99/2.60/3.50	0.99/3.50/4.20	1.30/5.00/5.90	1.80/5.80/6.50	2.00/6.80/7.50
			Heating (Min. / Std. / Max.)	3.400/8.900/11.900	3.400/11.900/14.300	4.400/17.100/20.100	6.100/19.800/22.200	6.800/23.200/25.600
Power			Power Input (Nominal)	0.98/3.30/4.60	0.98/4.00/5.00	1.30/5.50/7.50	1.60/7.00/9.00	1.60/7.50/10.00
			Heating (Min. / Std. / Max.)	3.300/11.300/15.700	3.300/13.600/17.100	4.400/18.800/25.600	5.500/23.900/30.700	5.500/25.600/34.100
			Current Input (Nominal)	0.23/0.73/1.13	0.24/1.09/1.45	0.31/1.66/2.10	0.38/1.81/2.60	0.39/2.26/2.60
			Cooling (Min. / Std. / Max.)	0.18/0.90/1.40	0.18/1.11/1.40	0.35/1.61/2.40	0.35/2.18/3.60	0.35/2.41/3.80
			Heating (Min. / Std. / Max.)	1.60/3.70/5.50	1.60/5.60/6.80	2.60/7.50/9.50	1.90/8.30/11.50	1.90/10.20/11.50
			MCA	1.20/4.60/6.60	1.20/5.70/6.70	2.90/7.50/11.00	1.70/10.00/17.30	1.70/10.70/17.60
			MFA	10.30 (MCA)	10.30 (MCA)	10.80 (MCA)	20.30 (MCA)	20.30 (MCA)
			EER (Nominal Cooling)	12.50	12.50	13.13	25.00	25.00
			COP (Nominal Heating)	3.56	3.21	3.01	3.20	3.01
			Energy Grade	3.67	3.60	3.42	3.21	3.11
				Energy Grade (C) 6.70 (A++)	Energy Grade (C) 6.50 (A++)	Energy Grade (C) 6.30 (A++)	Energy Grade (C) 6.20 (A++)	Energy Grade (C) 6.10 (A++)
				Energy Grade (H) 4.00 (A+)	Energy Grade (H) 4.00 (A+)	Energy Grade (H) 3.80 (A)	Energy Grade (H) 3.80 (A)	Energy Grade (H) 3.80 (A)
Piping Connections			Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35
			Gas Pipe	Φ, inch	1/4"	1/4"	1/4"	1/4"
			Installation Limitation	Max. Length (Outdoor to indoor)	9.52	12.70	15.88	15.88
				Max. Height (Between ID/OD)	3/8"	1/2"	5/8"	5/8"
					20(25)	30(35)	50(55)	50(55)
					15(15)	20(20)	30(30)	30(30)
Field Wiring			Power Source Wire	-	2.5	2.5	2.5	2.5
			Transmission Cable	-	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
			Type	-	R410A	R410A	R410A	R410A
			Control Method	-	-	-	-	-
			Factory Charging	-	0.95	0.95	1.40	1.80
INDOOR UNIT								
Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
			Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
			Motor	65.00	65.00	65.00	65.00	65.00
			Number of Unit	1.00	1.00	1.00	1.00	1.00
			Air Flow Rate	High / Mid / Low	8.50/7.50/6.50	12.00/10.50/9.00	11.00/10.00/9.00	11.50/10.50/9.50
			External Static Pressure	Min / Std / Max	141.67/125.00/108.33	200.00/175.00/150.00	183.33/166.67/150.00	191.67/175.00/158.33
					-	-	-	-
					-	-	-	-
Drain			Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
Sound			Sound Pressure	High / Mid / Low	33.00/31.0/27.0	35.00/33.0/29.0	41.00/38.0/35.0	42.00/40.0/36.0
			Net Weight	-	11.00	11.70	12.00	12.00
			Shipping Weight	-	13.00	13.70	14.00	14.00
			Net Dimensions (WxHxD)	-	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
			Shipping Dimensions (WxHxD)	-	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653
			Panel model	-	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB
			Panel Net Weight	-	2.70	2.70	2.70	2.70
			Shipping Weight	-	4.20	4.20	4.20	4.20
			Net Dimensions (WxHxD)	-	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670
			Shipping Dimensions (WxHxD)	-	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724
Additional Accessories			Drain pump	Drain pump	-	-	-	-
			Max. lifting Height / Displacement	-	-	-	-	-
			Air Filter	-	-	-	-	-
OUTDOOR UNIT								
Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
			Type	-	Single BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
			Model	-	UG4C090LUDJR	UG4C090LUDJR	UG4T200FUA4SG	UG4T200FUA4SG
			Output	-	0.86	1.37	1.79	1.79
			Oil	-	POE	POE	POE	POE
			Initial Charge	-	320.00	650.00	650.00	650.00
			Type	-	30.00	33.00	50.00	52.00
			CCM	-	483.33	500.00	833.33	866.67
			U/s	-	46.0 / 47.0	47.0 / 48.0	48.0 / 49.0	49.0 / 51.0
			Sound Pressure	-	33.00	33.00	38.50	55.00
			Net Weight	-	37.00	42.50	59.00	59.00
			Shipping Weight	-	790 x 548 x 285	790 x 548 x 285	880 x 798 x 310	880 x 798 x 310
			Net Dimensions (WxHxD)	-	926 x 655 x 382	926 x 655 x 382	1023 x 891 x 413	1023 x 891 x 413
			Shipping Dimensions (WxHxD)	-	-10~46	-10~46	-15~46	-15~50
			Cooling	-	-15~24	-15~24	-20~24	-20~24
			Heating	-	-	-	-	-

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Optional Accessories



Slim 1Way Cassette



- Slim and Compact Design
- Quiet Operation
- No Overflowing Drain Water



Model Name		Indoor Unit		Outdoor Unit		AC026FB1DEH	AC035FB1DEH		
Mode						HEAT PUMP	HEAT PUMP		
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW		0.98/2.60/3.50		0.98/3.50/4.10			
		Btu/h		3,300/8,900/11,900		3,300/11,900/14,000			
	Heating (Min. / Std. / Max.)	kW		0.95/3.30/4.60		0.95/4.00/4.75			
		Btu/h		3,200/11,300/15,700		3,200/13,600/16,200			
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)		kW		0.25/0.74/1.12			
		Heating (Min. / Std. / Max.)				0.21/0.91/1.30			
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)		A		1.60/3.40/5.20			
		Heating (Min. / Std. / Max.)				1.40/4.30/6.40			
	MCA		A		10.30 (MCA)		10.30 (MCA)		
	MFA		A		12.50		12.50		
Energy Efficiency	EER (Nominal Cooling)		-		3.51		3.02		
	COP (Nominal Heating)		-		3.63		3.45		
	Energy Grade		-		Energy Grade (C) 5.60 (A+)		Energy Grade (C) 5.40 (A)		
Piping Connections	Liquid Pipe	Φ, mm		6.35		6.35			
		Φ, inch		1/4"		1/4"			
	Gas Pipe	Φ, mm		9.52		9.52			
		Φ, inch		3/8"		3/8"			
	Installation Limitation	Max. Length (Outdoor to indoor)		m		20(2S)		20(2S)	
		Max. Height (Between ID/OD)		m		15(1S)		15(1S)	
Field Wiring	Power Source Wire		-		1.5 ~ 1.5		1.5 ~ 1.5		
	Transmission Cable		-		0.75 ~ 1.25		0.75 ~ 1.25		
Refrigerant	Type		-		R410A		R410A		
	Control Method		-		-		-		
	Factory Charging		kg		0.95		0.95		
INDOOR UNIT									
Power Supply		Φ, #, V, Hz		1,2,220-240,50		1,2,220-240,50			
	Type	-		Crossflow Fan		Crossflow Fan			
	Motor	Output		W		20.00			
	Number of Unit			EA		1.00			
	Air Flow Rate	High / Mid / Low		CMM		8.00/7.00/6.00			
				l/s		133.33/116.67/100.00			
	External Static Pressure	Min / Std / Max		mmAq		-			
Drain	Drain Pipe		Φ,mm		VP20 (OD 26, ID 20)				
Sound	Sound Pressure		High / Mid / Low		30.00/27.5/25.0		33.00/30.0/27.0		
	Net Weight		kg		9.90		9.90		
External Dimension	Shipping Weight		kg		12.50		12.50		
	Net Dimensions (WxHxD)		mm		970 x 135 x 410		970 x 135 x 410		
	Shipping Dimensions (WxHxD)		mm		1173 x 231 x 487		1173 x 231 x 487		
	Panel model		-		PSSMA		PSSMA		
Panel Size	Panel Net Weight		kg		3.10		3.10		
	Shipping Weight		kg		4.50		4.50		
	Net Dimensions (WxHxD)		mm		1180 x 25 x 460		1180 x 25 x 460		
	Shipping Dimensions (WxHxD)		mm		1259 x 144 x 539		1259 x 144 x 539		
	Drain pump		-		-		-		
Additional Accessories	Drain pump		Max. lifting Height / Displacement		mm / liter/h		-		
	Air Filter		-		-		-		
OUTDOOR UNIT									
Power Supply		Φ, #, V, Hz		1,2,220-240,50		1,2,220-240,50			
Compressor	Type	-		Single BLDC Rotary		Single BLDC Rotary			
	Model	-		UG4C090LUDJR		UG4C090LUDJR			
	Output	kW		0.86		0.86			
		Type		POE		POE			
	Oil	Initial Charge		cc		320.00			
Fan	Air Flow Rate		Cooling		CMM		29.00		
Sound	Sound Pressure		Cooling / Heating		dBA		47.0 / 47.0		
	Net Weight		kg		33.00		33.00		
External Dimension	Shipping Weight		kg		37.00		37.00		
	Net Dimensions (WxHxD)		mm		790 x 548 x 285		790 x 548 x 285		
	Shipping Dimensions (WxHxD)		mm		926 x 655 x 382		926 x 655 x 382		
	Operating Temp. Range	Cooling		°C		-10~46		-10~46	
Heating		°C		-15~24		-15~24			

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Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH00

MWR-SH00

MR-DH00

Standard Accessories

Panel

PSSMA

PC1NUPMA

SINGLE Specification - Indoor Units

Golbal Duct



- The Slimmest and The Lightest Design
- 3-Way Service
- Wi-Fi Control (Option)
- Zone Control (Option)
- Automatic ESP Adjustment
- Easier Drain Pump Installation
- Virus Doctor (Option)



Premium (MSP)					
Type	Global Duct (MSP)		Global Duct (MSP)	Global Duct (MSP)	Global Duct (MSP)
Model Name	Indoor Unit		AC052HBMPKH	AC071HBMPKH	AC100HBMPKH
Mode	Outdoor Unit		AC052HCAPKH	AC071HCAPKH	AC100HCAPKH
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	-	-	-
	Heating (Min. / Std. / Max.)	Btu/h	1.3/5/6.5	2/7.1/8	3.2/9/11
Power	Cooling (Min. / Std. / Max.)	kW	1.1/6/8	1.5/8/10	3.4/10/14
	Heating (Min. / Std. / Max.)	Btu/h	-	-	3.7/11.2/17
Energy Efficiency	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	0.35/1.4/2.1	0.41/2/3	0.83/2.3/4
	Heating (Min. / Std. / Max.)	kW	0.26/1.65/2.8	0.35/2.1/3.5	0.83/2.4/5.3
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	1.9/6.1/9.5	2.4/8.8/12.3	4.3/10/17.7
	Heating (Min. / Std. / Max.)	A	1.5/7.4/12.3	2.1/9.6/14.5	4.3/10.8/23.3
	MCA	A	-	-	-
Piping Connections	MFA	A	-	-	-
	EER (Nominal Cooling)	-	3.57	3.55	3.91
	COP (Nominal Heating)	-	3.64	3.81	4.17
Field Wiring	Energy Grade	-	6.3(A++)	6.4(A++)	6.6(A++)
	-	-	4.1(A+)	4.1(A+)	4.0(A+)
Refrigerant	Liquid Pipe	Φ, mm	6.35	6.35	9.52
	Gas Pipe	Φ, inch	1/4"	1/4"	3/8"
	Installation Limitation	Max. Length (Outdoor to indoor)	30	50	75
	Max. Height (Between ID/OD)	m	20	30	30
Refrigerant	Power Source Wire	-	-	-	-
	Transmission Cable	-	-	-	-
Refrigerant	Type	-	R410A	R410A	R410A
	Control Method	-	EEV	EEV	EEV
Refrigerant	Factory Charging	kg	1.4	2.1	2.8
	-	-	-	-	-
INDOOR UNIT					
Power Supply	Φ, #, V, Hz	-	1,220~240V,50Hz	1,220~240V,50Hz	1,220~240V,50Hz
	Type	-	Sirocco	Sirocco	Sirocco
Motor	Output	W	153	153	244
	Number of Unit	EA	2	3	3
Air Flow Rate	High / Mid / Low	CMM	16/13.5/11	22/19/16	29/25/21
	External Static Pressure	mmAq	0/3/15	0/3/15	0/4/15
Drain	Min / Std / Max	Pa	-	-	-
	Drain Pipe	Φ,mm	-	-	-
Sound	Sound Pressure	High / Mid / Low	33/27	36/28	36/30
	Sound Power	dB(A)	53	56	59
External Dimension	Net Weight	kg	32	32	36
	Shipping Weight	kg	37	37	42
Panel Size	Net Dimensions (WxHxD)	mm	850*250*700	1200*250*700	1300*300*700
	Shipping Dimensions (WxHxD)	mm	1100*320*780	1450*320*780	1550*370*780
Panel Size	Panel model	-	-	-	-
	Panel Net Weight	kg	-	-	-
Additional Accessories	Shipping Weight	kg	-	-	-
	Net Dimensions (WxHxD)	mm	-	-	-
Additional Accessories	Shipping Dimensions (WxHxD)	mm	-	-	-
	Drain pump	Drain pump	-	-	-
Additional Accessories	Max. lifting Height / Displacement	mm / liter/h	-	-	-
	Air Filter	-	-	-	-
OUTDOOR UNIT					
Power Supply	Φ, #, V, Hz	-	1/220~240/50Hz	1/220~240/50Hz	1/220~240/50Hz
	Type	-	Twin Rotary	Twin Rotary	Twin Rotary
Compressor	Model	-	UG4T150LNBEQ	UG4T200LNFE4	2014.02.202014.02.20
	Output	kW	-	-	-
Fan	Oil	Type	-	-	-
	Initial Charge	cc	-	-	-
Sound	Air Flow Rate	Cooling	-	-	-
	Sound Pressure	Cooling / Heating	48/50	49/51	49/51
External Dimension	Sound Power	dB(A)	63	65	66
	Net Weight	kg	72	72	88
Panel Size	Shipping Weight	kg	77	77	98
	Net Dimensions (WxHxD)	mm	880*310*798	940*330*998	940*330*1210
Operating Temp. Range	Shipping Dimensions (WxHxD)	mm	1023*413*891	995*426*1096	995*426*1338
	Cooling	°C	-15~50	-15~50	-15~50
Operating Temp. Range	Heating	°C	-20~24	-20~24	-20~24
	-	-	-	-	-

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Optional Accessories



Zone Control Accessories

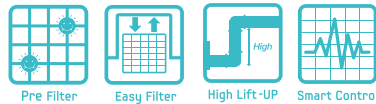


SINGLE Specification - Indoor Units

Golbal Duct



- The Slimmest and The Lightest Design
- 3-Way Service
- Wi-Fi Control (Option)
- Zone Control (Option)
- Automatic ESP Adjustment
- Easier Drain Pump Installation
- Virus Doctor (Option)



Premium (MSP)										
Type					Global Duct (MSP)		Global Duct (MSP)		Global Duct (MSP)	
Model Name	Indoor Unit				AC120HBMPKH		AC140HBMPKH		AC140HBMPKH	
Mode	Outdoor Unit				AC120HCAPKH		AC120HCAPNH		AC140HCAPKH	
	-				HEAT PUMP		HEAT PUMP		HEAT PUMP	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		kW		3.5/12/14		3.5/12/14		3.5/14/15.4	
			Btu/h		-		-		-	
	Heating (Min. / Std. / Max.)		kW		3.7/14/19		3.7/14/19		3.7/16/21	
			Btu/h		-		-		-	
Power	Power Input (Nominal)		Cooling (Min. / Std. / Max.)		0.95/3.5/4.5		0.95/3.5/4.5		0.95/4.2/5.4	
			kW		0.81/3.5/7.2		0.81/3.5/7.2		0.85/4.3/7.5	
	Current Input (Nominal)		Cooling (Min. / Std. / Max.)		5/16/20		1.9/5.8/7.4		5/19.8/24	
			A		4.5/15.8/31		1.7/5.8/10.8		4.5/19.7/32	
	MCA		A							
Energy Efficiency	MFA		A							
	EER (Nominal Cooling)		-		3.43		3.43		3.33	
	COP (Nominal Heating)		-		4.00		4.00		3.72	
	Energy Grade		-		6.1(A++)		6.1(A++)			
Piping Connections			-		4.2(A+)		4.2(A+)			
	Liquid Pipe		Φ,mm		9.52		9.52		9.52	
			Φ,inch		3/8"		3/8"		3/8"	
	Gas Pipe		Φ,mm		15.88		15.88		15.88	
			Φ,inch		5/8"		5/8"		5/8"	
	Installation Limitation		Max. Length (Outdoor to indoor)		75		75		75	
Field Wiring			m		30		30		30	
	Power Source Wire		-		- <td colspan="2">-<td colspan="2">-</td></td>		- <td colspan="2">-</td>		-	
Refrigerant	Transmission Cable		-		- <td colspan="2">-<td colspan="2">-</td></td>		- <td colspan="2">-</td>		-	
	Type		-		R410A		R410A		R410A	
	Control Method		-		EEV		EEV		EEV	
	Factory Charging		kg		2.9		2.9		2.9	
INDOOR UNIT										
Power Supply			Φ, #, V, Hz		1,220~240V,50Hz		1,220~240V,50Hz		1,220~240V,50Hz	
	Type		-		Sirocco		Sirocco		Sirocco	
	Motor		Output		244		244		244	
	Number of Unit		EA		3		3		3	
	Air Flow Rate		High / Mid / Low		38/32/25		38/32/25		42/34/25	
			l/s		-		-		-	
	External Static Pressure		Min / Std / Max		0/5.2/15		0/5.2/15		0/5.2/15	
Drain			mmAq		-		-		-	
	Drain Pipe		Φ,mm							
Sound	Sound Pressure		High / Mid / Low		39/33		39/33		40/33	
	Sound Power		Cooling		65		65		66	
External Dimension	Net Weight		kg		36		36		36	
	Shipping Weight		kg		42		42		42	
	Net Dimensions (WxHxD)		mm		1300*300*700		1300*300*700		1300*300*700	
	Shipping Dimensions (WxHxD)		mm		1550*370*784		1550*370*784		1550*370*784	
Panel Size	Panel model		-							
	Panel Net Weight		kg							
	Shipping Weight		kg							
	Net Dimensions (WxHxD)		mm							
	Shipping Dimensions (WxHxD)		mm							
Additional Accessories	Drain pump		Drain pump							
	Max. lifting Height / Displacement		mm / liter/h							
	Air Filter		-							
OUTDOOR UNIT										
Power Supply			Φ, #, V, Hz		1/220~240/50Hz		3/380~415V/50Hz		1/220~240/50Hz	
	Type		-		Twin Rotary		Twin Rotary		Twin Rotary	
	Model		-		UGST450FXAJX		UGST450FXAJX		UGST450FXAJX	
	Output		kW							
Compressor	Oil		Type							
			Initial Charge							
Fan	Air Flow Rate		Cooling							
			CMM <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>							
Sound	Sound Pressure		Cooling / Heating		50/52		50/52		51/53	
	Sound Power		Cooling		67		67		69	
External Dimension	Net Weight		kg		98		98		98	
	Shipping Weight		kg		108		108		108	
	Net Dimensions (WxHxD)		mm		940*330*1420		940*330*1420		940*330*1420	
	Shipping Dimensions (WxHxD)		mm		1009*419*1548		1009*419*1548		1009*419*1548	
Operating Temp. Range	Cooling		°C		-15~50		-15~50		-15~50	
	Heating		°C		-20~24		-20~24		-20~24	

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Optional Accessories



Zone Control Accessories

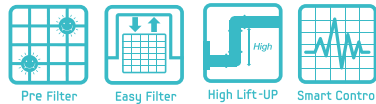


SINGLE Specification - Indoor Units

Golbal Duct



- The Slimmest and The Lightest Design
- 3-Way Service
- Wi-Fi Control (Option)
- Zone Control (Option)
- Automatic ESP Adjustment
- Easier Drain Pump Installation
- Virus Doctor (Option)



					Deluxe (MSP)
Type	Global Duct (MSP)				Global Duct (MSP)
Model Name	Indoor Unit				Global Duct (MSP)
Mode	AC035HBMDKH				AC071HBMDKH
	AC035HCADKH				AC071HCADKH
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	HEAT PUMP		HEAT PUMP
		Btu/h	1.35/3.5/4.0		1.8/6.0/7.5
Power	Heating (Min. / Std. / Max.)	kW	1.25/4.0/4.6		1.5/8.0/9.0
		Btu/h	-		-
Energy Efficiency	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.32/1.10/1.50	
		Heating (Min. / Std. / Max.)	kW	0.25/1.02/1.50	
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	2.1/5.1/6.8	
		Heating (Min. / Std. / Max.)	A	1.7/4.7/6.8	
	MCA		A	18.7	
	MFA		A	20.6	
Piping Connections	EER (Nominal Cooling)		-	3.18	
	COP (Nominal Heating)		-	3.92	
	Energy Grade		-	5.4 (A)	
			-	3.8 (A)	
Field Wiring	Liquid Pipe	Φ, mm	6.35	6.35	
		Φ, inch	1/4"	1/4"	
	Gas Pipe	Φ, mm	9.52	12.7	
		Φ, inch	3/8"	1/2"	
	Installation Limitation	Max. Length (Outdoor to indoor)	m	20	
		Max. Height (Between ID/OD)	m	15	
Refrigerant	Power Source Wire		-	-	
	Transmission Cable		-	-	
Refrigerant	Type		-	R410A	
	Control Method		-	EEV	
INDOOR UNIT	Factory Charging	kg	0.9	1.3	
				1.5	
Power Supply	Φ, #, V, Hz		1,220~240V,50Hz	1,220~240V,50Hz	
	Type		Sirocco	Sirocco	
	Motor	Output	153	153	
	Number of Unit	EA	2	2	
	Air Flow Rate	High / Mid / Low	12/9.5/8	16/13.5/11	
			-	-	
	External Static Pressure	Min / Std / Max	0/2.5/15	0/3/15	
		mmAq			
Drain	Drain Pipe	Φ,mm	VP25(OD32, ID25)	VP25(OD32, ID25)	
	Sound Pressure	High / Mid / Low	32/29/26	33/30/27	
Sound	Sound Power	Cooling	52	53	
			-	-	
External Dimension	Net Weight	kg	25.0	25.0	
	Shipping Weight	kg	29.0	29.0	
	Net Dimensions (WxHxD)	mm	850*250*700	850*250*700	
	Shipping Dimensions (WxHxD)	mm	1100*320*780	1100*320*780	
	Panel model		-	-	
	Panel Net Weight	kg	-	-	
Panel Size	Shipping Weight	kg	-	-	
	Net Dimensions (WxHxD)	mm	-	-	
	Shipping Dimensions (WxHxD)	mm	-	-	
			-	-	
Additional Accessories	Drain pump	Drain pump	Option	Option	
	Air Filter	Max. lifting Height / Displacement	-	-	
OUTDOOR UNIT					
	Power Supply	Φ, #, V, Hz	1,220~240V, 50Hz	1,220~240V, 50Hz	
Compressor	Type		Single Rotary	Twin Rotary	
	Model		UG9A090FUAER	UG4T150LNBEQ	
	Output	kW	-	-	
	Oil	Type	-	-	
Fan	Initial Charge	cc	-	-	
			-	-	
Sound	Air Flow Rate	Cooling	42.0	51.0	
		I/s	-	-	
External Dimension	Sound Pressure	Cooling / Heating	47/47	48/48	
	Sound Power	Cooling	63	63	
Operating Temp. Range	Net Weight	kg	29.5	45	
	Shipping Weight	kg	32	48	
	Net Dimensions (WxHxD)	mm	720*548*265	880*638*310	
	Shipping Dimensions (WxHxD)	mm	844*622*353	1024*750*414	
	Cooling	°C	-15~50	-15~50	
	Heating	°C	-20~24	-20~24	

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Optional Accessories



Zone Control Accessories



SINGLE Specification - Indoor Units

Golbal Duct



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- Virus Doctor (Option)



Pre Filter



Easy Filter



High Lift-UP



Smart Control

					Deluxe (MSP)
Type					Global Duct (MSP)
Model Name	Indoor Unit				Global Duct (MSP)
	Outdoor Unit				Global Duct (MSP)
Mode	-				Global Duct (MSP)
Capacity (Nominal)	Cooling (Min. / Std. / Max.)				Global Duct (MSP)
	kW				Global Duct (MSP)
	Btu/h				Global Duct (MSP)
	Heating (Min. / Std. / Max.)				Global Duct (MSP)
Power	Power Input (Nominal)				Global Duct (MSP)
	Cooling (Min. / Std. / Max.)				Global Duct (MSP)
	kW				Global Duct (MSP)
	Heating (Min. / Std. / Max.)				Global Duct (MSP)
	Current Input (Nominal)				Global Duct (MSP)
	Cooling (Min. / Std. / Max.)				Global Duct (MSP)
Energy Efficiency	MCA				Global Duct (MSP)
	MFA				Global Duct (MSP)
	EER (Nominal Cooling)				Global Duct (MSP)
	COP (Nominal Heating)				Global Duct (MSP)
Piping Connections	Energy Grade				Global Duct (MSP)
	-				Global Duct (MSP)
	Liquid Pipe				Global Duct (MSP)
	Φ, mm				Global Duct (MSP)
	Φ, inch				Global Duct (MSP)
	Gas Pipe				Global Duct (MSP)
Field Wiring	Φ, mm				Global Duct (MSP)
	Φ, inch				Global Duct (MSP)
	Installation Limitation				Global Duct (MSP)
	Max. Length (Outdoor to indoor)				Global Duct (MSP)
Refrigerant	m				Global Duct (MSP)
	Max. Height (Between ID/OD)				Global Duct (MSP)
	m				Global Duct (MSP)
	-				Global Duct (MSP)
INDOOR UNIT	Power Source Wire				Global Duct (MSP)
	Transmission Cable				Global Duct (MSP)
	Type				Global Duct (MSP)
	Control Method				Global Duct (MSP)
Power Supply	Factory Charging				Global Duct (MSP)
	kg				Global Duct (MSP)
	2.6				Global Duct (MSP)
	-				Global Duct (MSP)
Sound	2.6				Global Duct (MSP)
	1,220~240V,50Hz				Global Duct (MSP)
	Sirocco				Global Duct (MSP)
	153				Global Duct (MSP)
	3				Global Duct (MSP)
	CMM				Global Duct (MSP)
External Dimension	29/25/22				Global Duct (MSP)
	i/s				Global Duct (MSP)
	-				Global Duct (MSP)
	mmAq				Global Duct (MSP)
Panel Size	0/4/15				Global Duct (MSP)
	Pa				Global Duct (MSP)
	Φ,mm				Global Duct (MSP)
	38/35/32				Global Duct (MSP)
Additional Accessories	61				Global Duct (MSP)
	Cooling				Global Duct (MSP)
	kg				Global Duct (MSP)
	kg				Global Duct (MSP)
Power Supply	32.0				Global Duct (MSP)
	37.0				Global Duct (MSP)
	mm				Global Duct (MSP)
	mm				Global Duct (MSP)
Sound	1200*250*700				Global Duct (MSP)
	1450*320*780				Global Duct (MSP)
	-				Global Duct (MSP)
	-				Global Duct (MSP)
External Dimension	-				Global Duct (MSP)
	kg				Global Duct (MSP)
	kg				Global Duct (MSP)
	mm				Global Duct (MSP)
Panel Size	mm				Global Duct (MSP)
	mm				Global Duct (MSP)
	mm				Global Duct (MSP)
	mm				Global Duct (MSP)
Additional Accessories	Option				Global Duct (MSP)
	-				Global Duct (MSP)
	Option				Global Duct (MSP)
	-				Global Duct (MSP)
OUTDOOR UNIT	Option				Global Duct (MSP)
	-				Global Duct (MSP)
	Option				Global Duct (MSP)
	-				Global Duct (MSP)
Power Supply	1,220~240V,50Hz				Global Duct (MSP)
	Twin Rotary				Global Duct (MSP)
	UG8T300LNBJU				Global Duct (MSP)
	kW				Global Duct (MSP)
	-				Global Duct (MSP)
	cc				Global Duct (MSP)
Fan	Initial Charge				Global Duct (MSP)
	CMM				Global Duct (MSP)
	Cooling				Global Duct (MSP)
	i/s				Global Duct (MSP)
Sound	63.5				Global Duct (MSP)
	52/54				Global Duct (MSP)
	68				Global Duct (MSP)
	69				Global Duct (MSP)
External Dimension	70				Global Duct (MSP)
	74				Global Duct (MSP)
	mm				Global Duct (MSP)
	mm				Global Duct (MSP)
Operating Temp. Range	940*998*330				Global Duct (MSP)
	995*1096*426				Global Duct (MSP)
	°C				Global Duct (MSP)
	°C				Global Duct (MSP)

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Optional Accessories



Zone Control Accessories

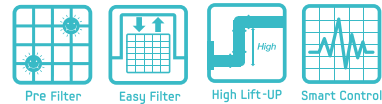


SINGLE Specification - Indoor Units

Golbal Duct



- The Slimmest and The Lightest Design
- 3-Way Service
- Wi-Fi Control (Option)
- Zone Control (Option)
- Automatic ESP Adjustment
- Easier Drain Pump Installation
- Virus Doctor (Option)



										Deluxe (MSP)						
Type					Global Duct (MSP)				Global Duct (MSP)				Global Duct (MSP)			
Model Name	Indoor Unit				AC120HBMDKH				AC120HBMDKH				AC140HBMDKH			
Mode	Outdoor Unit				AC120HCADKH				AC120HCADNH				AC140HCADKH			
Capacity (Nominal)	-				HEAT PUMP				HEAT PUMP				HEAT PUMP			
	Cooling (Min. / Std. / Max.)		kW		3.0/12.0/13.5		-		3.0/12.0/13.5		-		4.6/14.0/15.4			
	Heating (Min. / Std. / Max.)		Btu/h		-		-		-		-		-			
	Cooling (Min. / Std. / Max.)		kW		2.5/13.0/17.0		-		2.5/13.0/17.0		-		3.7/16.0/18.0			
Power	Power Input (Nominal)		Cooling (Min. / Std. / Max.)		kW		0.9/4.4/5.5		0.9/4.4/5.4		1.0/4.63/5.5		1.0/4.63/5.5			
	Current Input (Nominal)		Cooling (Min. / Std. / Max.)		A		5.0/19.5/24.0		1.9/7.0/8.6		5.6/21.6/24.0		2.1/7.5/9.5			
	MCA		A		26.7		14.7		26.7		14.7					
	MFA		A		30		16.2		30		16.2					
	EER (Nominal Cooling)		-		2.73		2.73		3.02		3.02					
	COP (Nominal Heating)		-		3.71		3.71		3.61		3.61					
Energy Efficiency	Energy Grade		-		5.3(A)		5.3(A)		-		-					
	-		4.0(A+)		4.0(A+)		-		-		-					
	Liquid Pipe		Φ, mm		9.52		9.52		9.52		9.52					
Piping Connections	Gas Pipe		Φ, inch		3/8"		3/8"		3/8"		3/8"					
	-		Φ, mm		15.88		15.88		15.88		15.88					
	Installation Limitation		Max. Length (Outdoor to indoor)		m		50		75		75					
	-		Max. Height (Between ID/OD)		m		30		30		30					
Field Wiring	Power Source Wire		-		-		-		-		-					
	Transmission Cable		-		-		-		-		-					
Refrigerant	Type		-		R410A		R410A		R410A		R410A					
	Control Method		-		EEV		EEV		EEV		EEV					
	Factory Charging		kg		2.7		2.7		2.8		2.8					
INDOOR UNIT																
Power Supply	Φ, #, V, Hz		-		1,220~240V,50Hz		1,220~240V,50Hz		1,220~240V,50Hz		1,220~240V,50Hz					
	Type		-		Sirocco		Sirocco		Sirocco		Sirocco					
	Motor		Output		W		244		244		244					
	Number of Unit		EA		3		3		3		3					
	Air Flow Rate		High / Mid / Low		CMM		38/32/25		42/34/25		42/34/25					
	External Static Pressure		Min / Std / Max		I/s		-		-		-					
	-		mmAq		0/5.2/15		0/5.2/15		0/5.2/15		0/5.2/15					
Drain	Drain Pipe		Φ,mm		-		-		-		-					
Sound	Sound Pressure		High / Mid / Low		dB(A)		39/36/33		40/37/33		40/37/33					
	Sound Power		Cooling		65		65		66		66					
External Dimension	Net Weight		kg		36.0		36.0		36.0		36.0					
	Shipping Weight		kg		42.0		42.0		42.0		42.0					
	Net Dimensions (WxHxD)		mm		1300*300*700		1300*300*700		1300*300*700		1300*300*700					
	Shipping Dimensions (WxHxD)		mm		1550*370*780		1550*370*780		1550*370*780		1550*370*780					
Panel Size	Panel model		-		-		-		-		-					
	Panel Net Weight		kg		-		-		-		-					
	Shipping Weight		kg		-		-		-		-					
	Net Dimensions (WxHxD)		mm		-		-		-		-					
	Shipping Dimensions (WxHxD)		mm		-		-		-		-					
Additional Accessories	Drain pump		-		Option		Option		Option		Option					
	Max. lifting Height / Displacement		mm / liter/h		-		-		-		-					
OUTDOOR UNIT																
Power Supply	Φ, #, V, Hz		-		1,220~240V,50Hz		3,380~415V, 50Hz		1,220~240V, 50Hz		3,380~415V, 50Hz					
	Type		-		Twin Rotary		Twin Rotary		Twin Rotary		Twin Rotary					
	Model		-		UGST450FUEJX		UGST450FUEJX		UGST450FUEJX		UGST450FUEJX					
	Output		kW		-		-		-		-					
	Oil		Initial Charge		cc		-		-		-					
Fan	Air Flow Rate		Cooling		CMM		70.0		91.0		91.0					
Sound	Sound Pressure		Cooling / Heating		dB(A)		54/56		53/54		53/54					
	Sound Power		Cooling		70		70		70		70					
External Dimension	Net Weight		kg		77		79		88		90					
	Shipping Weight		kg		82		84		98		100					
	Net Dimensions (WxHxD)		mm		940*998*330		940*998*330		940*1210*330		940*1210*330					
	Shipping Dimensions (WxHxD)		mm		995*1096*426		995*1096*426		995*1388*426		995*1388*426					
Operating Temp. Range	Cooling		°C		-15~50		-15~50		-15~50		-15~50					
	Heating		°C		-20~24		-20~24		-20~24		-20~24					

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Optional Accessories



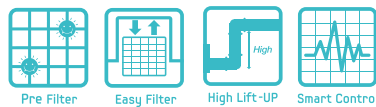
Zone Control Accessories



Golbal Duct



- The Slimmest and The Lightest Design
- 3-Way Service
- Wi-Fi Control (Option)
- Zone Control (Option)
- Automatic ESP Adjustment
- Easier Drain Pump Installation
- Virus Doctor (Option)



				Deluxe (LSP)	
Type				Global Duct (LSP)	Global Duct (LSP)
Model Name				AC026HBLDKH	AC035HBLDKH
Mode				AC052HBLDKH	AC071HBLDKH
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		kW	AC052HCADKH	AC071HCADKH
	Heating (Min. / Std. / Max.)		Btu/h	HEAT PUMP	HEAT PUMP
Power			kW	1.2/5.0/6.0	2.0/7.1/8.0
			Btu/h	1.1/6.0/7.2	1.5/8.0/9.0
	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW		0.47/2.21/3.00
	Current Input (Nominal)	Heating (Min. / Std. / Max.)	A		0.36/2.30/3.50
	MCA	Cooling (Min. / Std. / Max.)	A		2.8/9.8/13.3
	MFA	Heating (Min. / Std. / Max.)	A		2.2/10.2/15.5
Energy Efficiency			A		22
			A		25
			A		3.21
Piping Connections			A		3.48
			A		5.9 (A+)
			A		4.0 (A+)
Field Wiring			A		6.35
			A		1/4"
			A		6.35
Refrigerant			A		1/4"
			A		15.88
			A		5/8"
INDOOR UNIT			A		30
			A		20
			A		50
Power Supply			A		30
			A		20
			A		50
Drain			A		30
			A		20
			A		50
Sound			A		30
			A		20
			A		50
External Dimension			A		30
			A		20
			A		50
Panel Size			A		30
			A		20
			A		50
Additional Accessories			A		30
			A		20
			A		50
OUTDOOR UNIT			A		30
			A		20
			A		50
Compressor			A		30
			A		20
			A		50
Fan			A		30
			A		20
			A		50
Sound			A		30
			A		20
			A		50
External Dimension			A		30
			A		20
			A		50
Operating Temp. Range			A		30
			A		20
			A		50

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Optional Accessories

Zone Control Accessories

Individual Controllers

MWR-WE10MWR-WH00MWR-SH00MR-DH00MRK-A10N

Zone Controllers

MWR-ZS10MWR-ZS00 (with zone control box)MRW-TS (External Temperature Sensor)

Drain Pump

MDP-G075SP (External Type)MDP-G075SQ (Internal Type)

SINGLE Specification - Indoor Units



P Series (Maldives)

- Full HD Filter
- Smart Inverter
- good' sleep



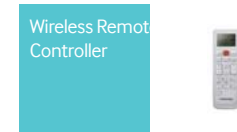
Model Name		Indoor Unit		AC026FBRDEH		AC035FBRDEH		AC052FBRDEH		AC071FBRDEH	
Mode		Outdoor Unit		AC026FCADEH		AC035FCADEH		AC052FCADEH		AC060FCADEH	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	-	-	HEAT PUMP		HEAT PUMP		HEAT PUMP		HEAT PUMP	
		kW	kW	1.20/2.60/3.50		1.20/3.50/3.70		1.90/5.00/6.05		2.20/7.10/8.00	
		Btu/h	Btu/h	4,100/8,900/11,900		4,100/11,900/12,600		6,500/17,100/20,600		7,500/24,200/27,300	
		kW	kW	0.95/3.50/4.20		1.04/4.00/4.40		1.50/6.00/6.25		1.90/8.00/9.00	
Power	Heating (Min. / Std. / Max.)	-	-	3,200/11,900/14,300		3,500/13,600/15,000		5,100/20,500/21,300		6,500/27,300/30,700	
		Power Input (Nominal)	Cooling (Min. / Std. / Max.)	0.24/0.65/1.50		0.25/1.09/1.50		0.40/1.61/2.20		0.35/2.36/4.00	
		Heating (Min. / Std. / Max.)	kW	0.20/0.97/1.15		0.21/1.17/1.40		0.34/1.76/3.15		0.35/2.85/4.00	
		Current Input (Nominal)	Cooling (Min. / Std. / Max.)	1.60/3.40/7.00		1.60/5.10/7.00		2.60/7.20/9.80		2.00/10.50/21.00	
		Heating (Min. / Std. / Max.)	A	1.30/5.00/5.40		1.30/5.80/6.50		2.30/8.30/14.00		2.00/13.00/21.00	
		MCA	A	10.30 (MCA)		10.30 (MCA)		10.80 (MCA)		20.30 (MCA)	
Energy Efficiency	MFA	EER (Nominal Cooling)	A	12.50		12.50		13.13		25.00	
		-	-	4.00		3.21		3.11		3.01	
		-	-	3.61		3.42		3.41		2.81	
		-	-	Energy Grade (C) 5.9 (A++)		Energy Grade (C) 5.6 (A+)		Energy Grade (C) 6.20 (A++)		Energy Grade (C) 6.00 (A+)	
Piping Connections	Energy Grade	-	-	Energy Grade (H) 3.9 (A)		Energy Grade (H) 3.9 (A)		Energy Grade (H) 3.80 (A)		Energy Grade (H) 3.80 (A)	
		Liquid Pipe	Φ, mm	6.35		6.35		6.35		6.35	
		Φ, inch	1/4"		1/4"		1/4"		1/4"		
		Gas Pipe	Φ, mm	9.52		9.52		12.70		15.88	
		Φ, inch	3/8"		3/8"		1/2"		5/8"		
		Installation Limitation	Max. Length (Outdoor to indoor)	20(25)		20(25)		30(35)		50(55)	
Field Wiring	Max. Height (Between ID/OD)	-	-	15(15)		20(20)		30(30)		40(40)	
		Power Source Wire	m	1.5 ~ 2.5		1.5 ~ 2.5		2.0		2.5 ~ 4.0	
Refrigerant	Transmission Cable	-	-	0.75 ~ 1.25		0.75 ~ 1.25		0.75 ~ 1.25		0.75 ~ 1.25	
		Type	-	R410A		R410A		R410A		R410A	
		Control Method	-	-		-		-		-	
Factory Charging		kg	kg	0.95		0.95		1.40		1.80	
INDOOR UNIT											
Power Supply	Φ, #, V, Hz	-	-	1,2,220-240,50		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50	
		Type	-	Crossflow Fan		Crossflow Fan		Crossflow Fan		Crossflow Fan	
		Motor	W	35.00		35.00		27.00		27.00	
		Number of Unit	EA	1.00		1.00		1.00		1.00	
		Air Flow Rate	High / Mid / Low	10.50/9.50/8.00		8.00/7.00/6.00		15.00/13.20/11.50		15.00/13.40/11.80	
		External Static Pressure	Min / Std / Max	175.00/158.33/133.33		133.33/116.67/100.00		250.00/220.00/191.67		250.00/223.33/196.67	
Drain	Pa	-	-	-		-		-		-	
		Drain Pipe	Φ, mm	VP18 (OD 19, ID 16)		VP18 (OD 19, ID 16)		VP18 (OD 19, ID 16)		VP18 (OD 19, ID 16)	
Sound	High / Mid / Low	Sound Pressure	dB(A)	35.00/31.0/24.0		37.00/32.0/25.0		40.00/35.0/30.0		44.00/37.0/31.0	
		Net Weight	kg	8.20		8.20		11.50		11.50	
External Dimension	kg	Shipping Weight	kg	10.20		10.20		14.50		14.50	
		Net Dimensions (WxHxD)	mm	820 x 285 x 205		820 x 285 x 205		1065 x 298 x 230		1065 x 298 x 230	
Panel Size	mm	Shipping Dimensions (WxHxD)	mm	892 x 355 x 263		892 x 355 x 263		1137 x 377 x 299		1137 x 377 x 299	
		Panel model	-	-		-		-		-	
		Panel Net Weight	kg	-		-		-		-	
		Shipping Weight	kg	-		-		-		-	
		Net Dimensions (WxHxD)	mm	-		-		-		-	
		Shipping Dimensions (WxHxD)	mm	-		-		-		-	
Additional Accessories	mm / liter/h	Drain pump	-	-		-		-		-	
		Max. lifting Height / Displacement	-	-		-		-		-	
OUTDOOR UNIT											
Power Supply	Φ, #, V, Hz	-	-	1,2,220-240,50		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50	
		Type	-	Single BLDC Rotary		Single BLDC Rotary		Twin BLDC Rotary		Twin BLDC Rotary	
		Model	-	UG4C090LUDJR		UG4T150FUDJR		UG4T150FUDJR		UG4T150FUDJR	
		Output	kW	0.86		0.86		1.37		1.79	
Compressor	Initial Charge	-	-	POE		POE		POE		POE	
		Oil	cc	320.00		320.00		650.00		650.00	
Fan	Cooling	Air Flow Rate	CMM	29.00		30.00		33.00		32.00	
		Sound Pressure	I/s	483.33		500.00		550.00		866.67	
Sound	Cooling / Heating	Sound Pressure	dB(A)	47.0 / 47.0		47.0 / 47.0		49.0 / 49.0		49.0 / 51.0	
		Net Weight	kg	33.00		33.00		38.50		55.00	
External Dimension	kg	Shipping Weight	kg	37.00		37.00		42.50		59.00	
		Net Dimensions (WxHxD)	mm	790 x 548 x 285		790 x 548 x 285		790 x 548 x 285		880 x 798 x 310	
		Shipping Dimensions (WxHxD)	mm	926 x 655 x 382		926 x 655 x 382		926 x 655 x 382		1023 x 891 x 413	
		Operating Temp. Range	Cooling	°C	-10~46		-10~46		-15~46		-15~50
	Heating	-	-	-15~24		-15~24		-15~24		-20~24	

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Optional Accessories



Standard Accessories



SINGLE Specification - Indoor Units



Console

- Slim & Smart Design
- 2Way Air Outlet
- Silent Operation



Virus Doctor



Good Design



Anti-Virus Filter



Fresh Air



Flexible

Model Name	Indoor Unit	Outdoor Unit	AC026FBJDEH	AC026FCADDEH	AC035FBJDEH	AC035FCADDEH	AC052HBJDEH	AC052FCADDEH
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		3,300/8,900/11,600	3,300/8,900/11,600	4,100/11,900/13,300	4,100/11,900/13,300	6,500/17,100/18,800	6,500/17,100/18,800
	Heating (Min. / Std. / Max.)		0.95/3.50/4.20	0.95/3.50/4.20	1.04/4.00/4.40	1.04/4.00/4.40	1.50/5.60/6.50	1.50/5.60/6.50
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	0.23/0.81/1.20	0.23/0.81/1.20	0.24/1.29/1.50	0.24/1.29/1.50	0.25/1.78/2.20	0.25/1.78/2.20
	Heating (Min. / Std. / Max.)		0.21/1.06/1.30	0.21/1.06/1.30	0.21/1.33/1.40	0.21/1.33/1.40	0.25/1.92/2.50	0.25/1.92/2.50
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	1.60/4.00/5.50	1.60/4.00/5.50	1.60/6.00/7.00	1.60/6.00/7.00	2.60/8.00/10.00	2.60/8.00/10.00
	Heating (Min. / Std. / Max.)		1.30/5.00/6.50	1.30/5.00/6.50	1.30/6.20/7.20	1.30/6.20/7.20	2.30/8.70/14.00	2.30/8.70/14.00
	MCA		10.30 (MCA)	10.30 (MCA)	10.30 (MCA)	10.30 (MCA)	10.80 (MCA)	10.80 (MCA)
	MFA		12.50	12.50	12.50	12.50	13.13	13.13
Energy Efficiency	EER (Nominal Cooling)		3.21	3.21	2.71	2.71	2.81	2.81
	COP (Nominal Heating)		3.30	3.30	3.01	3.01	2.92	2.92
	Energy Grade		SEER 5.40 (A)	SEER 5.40 (A)	SEER 5.40 (A)	SEER 5.40 (A)	SEER 5.40 (A)	SEER 5.40 (A)
			SCOP 4.00 (A+)	SCOP 4.00 (A+)	SCOP 3.90 (A)	SCOP 3.90 (A)	SCOP 3.80 (A)	SCOP 3.80 (A)
Piping Connections	Liquid Pipe		Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas Pipe		Φ1.4"	Φ1.4"	Φ1.4"	Φ1.4"	Φ1.4"	Φ1.4"
	Installation Limitation	Max. Length (Outdoor to indoor)	20(25)	20(25)	20(25)	20(25)	30(35)	30(35)
		Max. Height (Between ID/OD)	15.0(15.0)	15.0(15.0)	15.0(15.0)	15.0(15.0)	20.0(20.0)	20.0(20.0)
Field Wiring	Power Source Wire		1.5~2.5	1.5~2.5	1.5~2.5	1.5~2.5	2.0	2.0
	Transmission Cable		0.75~1.25	0.75~1.25	0.75~1.25	0.75~1.25	0.75~1.25	0.75~1.25
	Type		R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant	Control Method		-	-	-	-	-	-
	Factory Charging		0.95	0.95	0.95	0.95	1.40	1.40
INDOOR UNIT								
Power Supply	Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Type		Turbo Fan/BLDC	Turbo Fan/BLDC	Turbo Fan/BLDC	Turbo Fan/BLDC	Turbo Fan/BLDC	Turbo Fan/BLDC
	Motor		35.00	35.00	35.00	35.00	35.00	35.00
	Number of Unit		1.00	1.00	1.00	1.00	1.00	1.00
	Air Flow Rate	High / Mid / Low	8.50/7.50/6.50	8.50/7.50/6.50	9.80/8.50/7.50	9.80/8.50/7.50	13.00/11.50/10.00	13.00/11.50/10.00
	External Static Pressure	Min / Std / Max	141.67/125.00/108.33	141.67/125.00/108.33	163.33/141.67/125.00	163.33/141.67/125.00	216.67/191.67/166.67	216.67/191.67/166.67
Drain	Drain Pipe		VP18 (OD 19 ID 16)	VP18 (OD 19 ID 16)	VP18 (OD 19 ID 16)	VP18 (OD 19 ID 16)	ID 18 HOSE	ID 18 HOSE
Sound	Sound Pressure	High / Mid / Low	38.0 / 30.5 / 23.0	38.0 / 30.5 / 23.0	39.0 / 31.5 / 24.0	39.0 / 31.5 / 24.0	44.0 / 34.5 / 25.0	44.0 / 34.5 / 25.0
	Sound Power	Cooling	53.0	53.0	55.0	55.0	60.0	60.0
External Dimension	Net Weight		15.20	15.20	15.20	15.20	15.20	15.20
	Shipping Weight		20.30	20.30	20.30	20.30	20.30	20.30
	Net Dimensions (WxHxD)		720 x 620 x 199	720 x 620 x 199	720 x 620 x 199	720 x 620 x 199	720 x 620 x 199	720 x 620 x 199
	Shipping Dimensions (WxHxD)		810 x 710 x 299	810 x 710 x 299	810 x 710 x 299	810 x 710 x 299	810 x 710 x 299	810 x 710 x 299
Panel Size	Panel model		-	-	-	-	-	-
	Panel Net Weight		-	-	-	-	-	-
	Shipping Weight		-	-	-	-	-	-
	Net Dimensions (WxHxD)		-	-	-	-	-	-
	Shipping Dimensions (WxHxD)		-	-	-	-	-	-
Additional Accessories	Drain pump	Drain pump	-	-	-	-	-	-
	Max. lifting Height / Displacement		-	-	-	-	-	-
	Air Filter		-	-	-	-	-	-
OUTDOOR UNIT								
Power Supply	Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Type		Single BLDC Rotary	Single BLDC Rotary	Single BLDC Rotary	Single BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
Compressor	Model		UG4C090LUDJR	UG4C090LUDJR	UG4C090LUDJR	UG4C090LUDJR	UG4T150FUDJQDO	UG4T150FUDJQDO
	Output		0.86	0.86	0.86	0.86	1.37	1.37
	Oil	Type	POE	POE	POE	POE	POE	POE
	Initial Charge		320.00	320.00	320.00	320.00	650.00	650.00
Fan	Air Flow Rate	Cooling	29.00	29.00	30.00	30.00	33.00	33.00
	Sound Pressure	Cooling / Heating	483.33	483.33	500.00	500.00	550.00	550.00
Sound	Sound Power	Cooling	47.0 / 47.0	47.0 / 47.0	47.0 / 47.0	47.0 / 47.0	49.0 / 49.0	49.0 / 49.0
	Net Weight		33.00	33.00	33.00	33.00	38.50	38.50
External Dimension	Shipping Weight		37.00	37.00	37.00	37.00	42.50	42.50
	Net Dimensions (WxHxD)		790 x 548 x 285	790 x 548 x 285	790 x 548 x 285	790 x 548 x 285	790 x 548 x 285	790 x 548 x 285
	Shipping Dimensions (WxHxD)		926 x 655 x 382	926 x 655 x 382	926 x 655 x 382	926 x 655 x 382	926 x 655 x 382	926 x 655 x 382
Operating Temp. Range	Cooling		-10~46	-10~46	-10~46	-10~46	-15~46	-15~46
	Heating		-15~24	-15~24	-15~24	-15~24	-15~24	-15~24

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Optional Accessories

Individual Controllers



MWR-WE10



MWR-WH00



MWR-SH00



MR-DH00

Standard Accessories

Wireless Remote Controller





Ceiling

- 2Way Installation
- Compact but Powerful



Model Name			Indoor Unit		AC052HBCDEH		AC071HBCDEH	
Mode			Outdoor Unit		AC052FCDEH		AC071FCDEH	
Capacity (Nominal)			Cooling (Min. / Std. / Max.)		HEAT PUMP		HEAT PUMP	
					1.70/5.00/5.60		2.20/7.10/8.00	
					5,800/17,100/19,100		7,500/24,200/27,300	
			Heating (Min. / Std. / Max.)		1.70/6.00/7.70		1.90/8.00/9.00	
					5,800/20,500/26,300		6,500/27,300/30,700	
Power			Power Input (Nominal)		0.48/1.66/1.90		0.35/2.36/4.00	
			Heating (Min. / Std. / Max.)		0.43/1.87/3.05		0.35/2.75/4.00	
			Current Input (Nominal)		2.80/7.80/9.00		2.00/10.50/21.00	
			Heating (Min. / Std. / Max.)		2.40/8.80/14.50		2.00/12.60/21.00	
			MCA		10.80 (MCA)		20.30 (MCA)	
			MFA		13.13		25.00	
Energy Efficiency			EER (Nominal Cooling)		3.01		3.01	
			COP (Nominal Heating)		3.21		2.91	
			Energy Grade		SEER 5.90 (A+)		SEER 5.30 (A)	
					SCOP 3.80 (A)		SCOP 3.80 (A)	
Piping Connections			Liquid Pipe		Φ, mm		Φ, mm	
					6.35		6.35	
					1/4"		1/4"	
			Gas Pipe		Φ, mm		Φ, mm	
					12.70		15.88	
					1/2"		5/8"	
			Installation Limitation		Max. Length (Outdoor to indoor)		Max. Height (Between ID/OD)	
					30(35)		50(55)	
					20.0(20.0)		30.0(30.0)	
Field Wiring			Power Source Wire		2.0		2.5 ~ 4.0	
			Transmission Cable		0.75 ~ 1.25		0.75 ~ 1.25	
			Type		R410A		R410A	
Refrigerant			Control Method		-		-	
			Factory Charging		1.40		1.80	
INDOOR UNIT								
Power Supply			Type		1,2,220-240,50		1,2,220-240,50	
			Motor		Blower		Blower	
			Output		40.00		40.00	
			Number of Unit		2.00		2.00	
			Air Flow Rate		13.50/12.50/11.50		16.50/15.00/14.00	
					225.00/208.33/191.67		275.00/250.00/233.33	
			External Static Pressure		Min / Std / Max		Min / Std / Max	
					Pa		Pa	
Drain			Drain Pipe		Φ,mm		Φ,mm	
					ID 18 HOSE		ID 18 HOSE	
Sound			Sound Pressure		High / Mid / Low		High / Mid / Low	
					Cooling			
					dB(A)		dB(A)	
					41.0 / 39.0 / 37.0		46.0 / 44.0 / 42.0	
			Net Weight		60.0		64.0	
			Shipping Weight		20.00		22.50	
External Dimension			Net Dimensions (WxHxD)		mm		mm	
					1000 x 200 x 650		1000 x 200 x 650	
			Shipping Dimensions (WxHxD)		mm		mm	
					1080 x 300 x 730		1080 x 300 x 730	
			Panel model		-		-	
			Panel Net Weight		kg		kg	
			Shipping Weight		-		-	
			Net Dimensions (WxHxD)		mm		mm	
			Shipping Dimensions (WxHxD)		mm		mm	
Additional Accessories			Drain pump		-		-	
			Max. lifting Height / Displacement		mm / liter/h		mm / liter/h	
			Air Filter		-		-	
OUTDOOR UNIT								
Power Supply			Type		1,2,220-240,50		1,2,220-240,50	
			Model		Twin BLDC Rotary		Twin BLDC Rotary	
			Output		UG4T150FUDJQDO		UG4T200FUA4	
Compressor			Type		1.37		1.79	
			Initial Charge		POE		POE	
					650.00		650.00	
Fan			Air Flow Rate		Cooling		Cooling	
					CMM		CMM	
					33.00		52.00	
Sound			Sound Pressure		Cooling / Heating		Cooling / Heating	
					dB(A)		dB(A)	
					49.0 / 49.0		49.0 / 51.0	
			Net Weight		64.0		66.0	
			Shipping Weight		38.50		55.00	
External Dimension			Net Dimensions (WxHxD)		mm		mm	
					790 x 548 x 285		880 x 798 x 310	
			Shipping Dimensions (WxHxD)		mm		mm	
					926 x 655 x 382		1024 x 920 x 414	
Operating Temp. Range			Cooling		°C		°C	
					-15~46		-15~46	
			Heating		°C		°C	
					-15~24		-20~24	

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Optional Accessories

Individual Controllers



MWR-WE10MWR-WH00MWR-SH00MR-DH00

Standard Accessories

Wireless Remote Controller



ERV Lineup

Model \ Air Volume (m³/hr)	150	250	350	500	800	1000
ERV						
		RHF025EE	RHF035EE	RHF050EE	RHF080EE	RHF100EE
(New Communication Protocol)	AN015HSKDEN	AN025HSKDEN	AN035HSKDEN	AN050HSKDEN	AN080HSKDEN	AN100HSKDEN

ERV Feature

	 ERV
Damper	•
Direct Expansion (DX) Coil	
Humidifier element (Optional)	
Supply/Exhaust Fan	•
Dust Filter	•
Heat Exchanger Element	•
Control Box	•
Temperature Sensor	•
CO ₂ Sensor (Optional)	•
BLDC Fan Motor	•
Energy Saving Operation (Auto Mode)	•
New Diamond Type Element	•
Flexible Installation	•
Slim Design	•
Silent Operation	•
Virus Doctor (Optional)	•



ERV Specification



ERV

- Damper
- Dust Filter
- Control Box
- CO₂ Sensor (Optional)
- Energy Saving Operation (Auto Mode)
- Flexible Installation
- Silent Operation
- New Communication Control
- Supply/Exhaust Fan
- Heat Exchanger Element
- Temperature Sensor
- BLDC Fan Motor
- New Diamond Type Element
- Slim Design
- Virus Doctor (Optional)

Model		AN015HSDEN	AN025HSDEN	AN035HSDEN	AN050HSDEN	AN080HSDEN	AN100HSDEN
Voltage		220~240	220~240	220~240	220~240	220~240	220~240
Frequency		50	50	50	50	50	50
Air Volume		m3/hr	150	250	350	500	800
External Static Presssure		Pa	100	110	155	165	155
Power Input		W	65	115	115	175	330
Current		A	0.6	0.7	0.7	1.1	2.1
Temperature Exchange Efficiency	Cooling	%	75	70	70	70	70
	Heating	%	80	70	70	70	70
Effective Enthalpy Exchange Efficiency	Cooling	%	65	50	50	50	50
	Heating	%	75	70	70	70	70
Dust Collection Method		-	High Efficiency Filter(PP)	High Efficiency Filter(PP)	High Efficiency Filter(PP)	High Efficiency Filter(PP)	High Efficiency Filter(PP)
Net Dimensions (WxHxD)		mm	570 X 210 X 750	660 X 350 X 600	1012 X 270 X 1000	1012 X 270 X 1000	1220 X 340 X 1135
Gross Dimensions (WxHxD)		mm	760 X 265 X 900	807 X 400 X 760	1308 X 355 X 1192	1308 X 355 X 1192	1475 X 440 X 1330
Weight (Net/Gross)		kg	21.0 / 24.5	28.5 / 32.5	42.5 / 53.5	42.5 / 53.5	67 / 75.5
Duct Diameter		Ø, mm	125	150	200	200	250
Virus Doctor		-	MSD-EAN1	MSD-EAN1	MSD-EAN1	MSD-EAN1	MSD-EAN1
CO2 Sensor		-	MOS-C1	MOS-C1	MOS-C1	MOS-C1	MOS-C1

Optional Accessories

Individual Controllers

MWR-VH10N

ERV Specification



ERV

- Damper
 - Dust Filter
 - Control Box
 - CO₂ Sensor (Optional)
 - Energy Saving Operation (Auto Mode)
 - Flexible Installation
 - Silent Operation
- Supply/Exhaust Fan
 - Heat Exchanger Element
 - Temperature Sensor
 - BLDC Fan Motor
 - New Diamond Type Element
 - Slim Design
 - Virus Doctor (Optional)

Model		RHF025EE	RHF035EE	RHF050EE	RHF080EE	RHF100EE
Voltage	V	220~240	220~240	220~240	220~240	220~240
Frequency	Hz	50	50	50	50	50
Air Volume	m3/hr	250	350	500	800	1000
External Static Presssure	Pa	110	155	165	155	155
Power Input	W	115	115	175	330	450
Current	A	0.7	0.7	1.1	2.1	2.9
Temperature Exchange Efficiency	Cooling	%	70	70	70	70
	Heating	%	70	70	70	70
Effective Enthalpy Exchange Efficiency	Cooling	%	50	50	50	50
	Heating	%	70	70	70	70
Dust Collection Method	-	High Efficiency Filter(PP)	High Efficiency Filter(PP)	High Efficiency Filter(PP)	High Efficiency Filter(PP)	High Efficiency Filter(PP)
Net Dimensions (WxHxD)	mm	660 X 350 X 600	1012 X 270 X 1000	1012 X 270 X 1000	1220 X 340 X 1135	1220 X 340 X 1135
Gross Dimensions (WxHxD)	mm	807 X 400 X 760	1308 X 355 X 1192	1308 X 355 X 1192	1475 X 440 X 1330	1475 X 440 X 1330
Weight (Net/Gross)	kg	28.5 / 32.5	42.5 / 53.5	42.5 / 53.5	67 / 75.5	67 / 75.5
Duct Diameter	Ø, mm	150	200	200	250	250
Virus Doctor	-	MSD-EAN1	MSD-EAN1	MSD-EAN1	MSD-EAN1	MSD-EAN1
CO2 Sensor	-	MOS-C1	MOS-C1	MOS-C1	MOS-C1	MOS-C1

Optional Accessories

Individual Controllers

MWR-VH02

MWR-WE10

Control System

Accessories

CLASSIFICATION		PRODUCT	IMAGE	MODEL		APPLICATION
				DVM S (New Communication Protocol)	Single, FJM	
Integrated Management System	Controller	DMS 2		MIM-D00AN	MIM-D00A	
		S-NET 3		MST-P3P	MST-P3P	
		S-NET Mini		-	MST-S3W	
System Controller	Interface Module	PIM		MIM-B16N	MIM-B16	
	Controller	Touch Centralized Controller		MCM-A300N	-	
		On/Off Controller		MCM-A202DN	MCM-A202D	
		Multi Tenant Function Controller (MTFC)		MCM-C210N		
		Operation Mode Selection Switch		MCM-C200	-	DVM S Series (Except HR Models)
	Interface Module	Centralized Control Interface Module		-	MIM-B13D	
					MIM-B13E	
		Compatible interface Module		MIM-N10	-	ERV (New Communication Protocol)
	Individual Control System	Zone Control Package (Zone Controller & Relay)		-	MIM-N01	Converter between old & new protocol
				-	MIM-N01	
		Zone Controller		-	MWR-ZS00	Global Duct Inverter Models
		Wired Remote Controller		MWR-ZS10	MWR-ZS10	Global Duct Inverter Models
				MWR-WE10N	MWR-WE10	
		Wired Remote Controller		MWR-WW00N	-	DVM S Hydro Unit
				-	MWR-WH0*	
		Simplified wired Remote Controller		MWR-SH00N	MWR-SH00	
		Simplified wired Remote Controller		MWR-VH12N	MWR-VH02	ERV
		Wireless Remote Controller (H/P)		MR-DH00	MR-DH00	
		ERV CO2 Sensor		MR-A10N	MR-A10N	
		Wireless Signal Receiver package (With Receiver wire)		MOS-C1	MOS-C1	DVM S Series (for Ducted indoor unit) Single Global Duct
		Wireless Signal Receiver		MRK-A00	MRK-A00	
		Wireless Signal Receiver Wire		-	MRW-10A	
		External Room Sensor		MRW-TA	MRW-TA	
		External Room Sensor		-	MRW-TS	Global Duct (For Zone Controller)
		Wi-Fi Kit		-	MIM-H02	Single Inverter Cassette & Duct
Building Management System	Building Management Module	RAC Extension Board		-	MIM-A00	FJM (For connecting wired remote controller and external contact interface module)
		ZenManager			MIM-A00	
		LonWorks Gateway		MST-R5D	MST-R5D	
		BACnet Gateway		MIM-B18N	MIM-B18	
	Guestroom Management Module	LonWorks Gateway Interface		MIM-B17N	MIM-B17	
		LonWorks Gateway Interface		-	MIM-B07	
Converter	Guestroom Management Module	External Contact Interface Module		MIM-B02	MIM-B02	
		Key-Tag Interface Module		MIM-B14	MIM-B14	
	Converter	Converter Unit (S-Net Pro)		-	MIM-B02	
		S-Checker		MIM-C02N	MIM-C02N	

Classification	Image	Model		APPLICATION
		DVM S (New Communication Protocol)	Single, FJM	
Drain Pump		MDP-E075SEE3D	MDP-E075SEE3	Slim Duct(2.0 ~ 14.0 kW)
		MDP-M075SGU1D	MDP-M075SGU1	M.S.P Duct(9.0/11.2 kW)
		MDP-M075SGU2D	MDP-M075SGU2	M.S.P Duct(12.8/14.0 kW) H.S.P Duct(11.2/14.0 kW)
		MDP-M075SGU3D	MDP-M075SGU3	M.S.P Duct(5.6/7.1 kW)
		MDP-N047SNC0D		Fresh Air Intake Duct (14.0 kW)
		MDP-N047SNC1D	MDP-N047SNC1	H.S.P Duct(22.4/28.0 kW) Fresh Air Intake Duct (22.4/28.0 kW)
		-	MDP-G075SP	Global Duct (External Type)
		-	MDP-G075SQ	Global Duct (Internal Type)
PDM Kits (High Elevation Kits)		MXD-A38K2A	-	8~12 HP
		MXD-A12K2A	-	14~16 HP
		MXD-A58K2A	-	18~22 HP
AHU Kits		MXD-K025AN	-	7.0 ~ 8.75 kW AHU
		MXD-K050AN	-	14.0 ~ 17.5 kW AHU
		MXD-K075AN	-	21.0 ~ 26.25 kW AHU
		MXD-K100AN	-	28.0 ~ 35.0 kW AHU
Humidifier		MVO-VA050100	-	500 CMH (ERV Plus)
		MVO-VA100100	-	1,000 CMH (ERV Plus)
4 Way Cassette Front Panel		PC4NUSKAN	PC4NUSKA	4Way Cassette S - Waffle
		PC4NUSKEN	PC4NUSKE	4Way Cassette S - Classic
		PC4NBSKAN	PC4NBSKA	4Way Cassette S - Black
4 Way Cassette (600 x 600) Front Panel		PC4SUSMAN	PC4SUSMB	4Way Cassette S (600x600) -Waffle
		PC4SUSMEN	PC4SUSMF	4Way Cassette S (600x600) - Classic
1 Way Cassette Front Panel		PC1MWSKAN	-	1Way Cassette (New Air Fluid Design)
		PC1NUSMAN	PSSMA	Slim 1Way Cassette
		PC1NUPMAN	PC1NUPMA	Slim 1Way Cassette Z-Sliding
2 Way Cassette Front Panel		PC2NUSMEN		2Way Cassette
Virus Doctor		MSD-CAN1	MSD-CAN1	4Way Cassette S 4Way Cassette S (600x600)
		MSD-EAN1	MSD-EAN1	ERV, Global Duct
Motion Detect Sensor		MCR-SMA	MCR-SMA	4Way Cassette S (600x600)

Accessories

Classification	Image	Model	Description	APPLICATION
Y- joint		MXJ-YA1509M	15.0kW and below	DVM S
		MXJ-YA2512M	Over 15.0 ~ 40.6kW and below	
		MXJ-YA2812M	Over 40.6 ~ 46.4 kW and below	
		MXJ-YA2815M	Over 46.4 ~ 69.6 kW and below	
		MXJ-YA3419M	Over 69.6 ~ 98.6 kW and below	
		MXJ-YA4119M	Over 98.6 ~ 139.2 kW and below	
		MXJ-YA4422M	Over 139.2 kW	
Y-joint (High Pressure Gas) for HR module		MXJ-YA1500M	23.2 kW and below	DVM S HR
		MXJ-YA2500M	Over 23.2 ~ 69.6 kW and below	
		MXJ-YA3100M	Over 69.6 ~ 139.2 kW and below	
		MXJ-YA3800M	Over 139.2 kW	
Outdoor joint (Outdoor Connection)		MXJ-TA3819M	Below 48 HP	DVM S
		MXJ-TA4422M	Over 48 HP	
Outdoor joint (High Pressure Gas) for HR Module		MXJ-TA3100M	Below 48 HP	DVM S HR
		MXJ-TA3800M	Over 48 HP	
Header Joint		MXJ-HA3819M	Over 69.7 kW	DVM S
		MXJ-HA3115M	Below 69.6 kW	
		MXJ-HA2512M	Below 46.4 kW	
MCU Kits		MCU-S4NEE1N	Below 4 indoor units	DVM S HR
		MCU-S4NEE2N	Below 4 indoor units For including the indoor unit of capacity range 11.2 ~ 28.0kW	
		MCU-S6NEE1N	Below 6 indoor units	
EEV Kits		MXD-E24K132A	Below 3.6 kW (1 Room) + 5.6 kW ~ 9.0 kW (1Room)	DVM S
		MXD-E24K200A	Below 3.6 kW (2 Rooms)	
		MXD-E32K200A	5.6 kW ~ 9.0 kW (2Rooms)	
		MXD-E24K232A	Below 3.6 kW (2 Rooms) + 5.6 kW ~ 9.0 kW (1Room)	DVM S
		MXD-E24K300A	Below 3.6 kW (3 Rooms)	
		MXD-E32K224A	Below 3.6 kW (1 Room) + 5.6 kW ~ 9.0 kW (2Rooms)	
		MXD-E32K300A	5.6 kW ~ 9.0 kW (3Rooms)	
		MEV-E24SA	Below 3.6 kW (1 Room)	DVM S
		MEV-E32SA	5.6 kW ~ 9.0 kW (1Room)	

Memo