

SAMSUNG

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SAMSUNG

SAC

Technical Data Book

Accessories Book for Global



SAMSUNG

History

[illegible]

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Panels & Drain pumps

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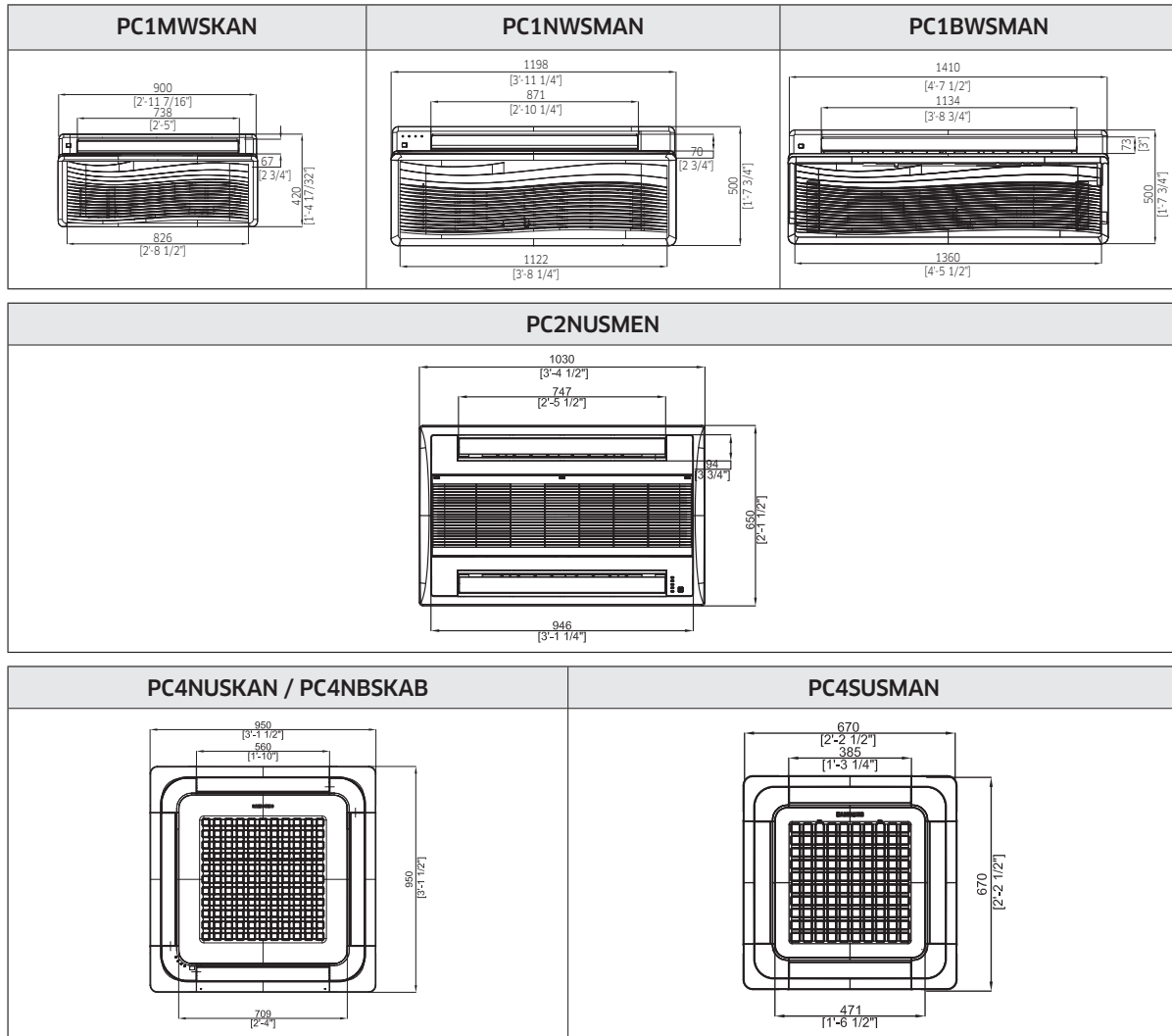
1 Panels

1-1. Models

Type	Model	Net.Dimensions	Description
1way	PC1MWSKAN	900 x 25 x 420 (mm) [2'-11 7/16"] x [1"] x [1'-4 17/32"] (inch)	Fluid Panel
	PC1NWSKAN	1198 x 25 x 500 (mm) [3'-11 1/4"] x [1"] x [1'-7 3/4"] (inch)	Fluid Panel
	PC1BWSMAN	1410 x 23 x 500 (mm) [4'-7 1/2"] x [7/8"] x [1'-7 3/4"] (inch)	Fluid Panel
2Way	PC2NUSMEN	1030 x 25 x 650 (mm) [3'-4 1/2"] x [1"] x [2'-1 1/2"] (inch)	-
4Way	PC4NUSKAN	950 x 45 x 950 (mm)	White
	PC4NBSKAB	[3'-1 1/2"] x [1 3/4"] x [3'-1 1/2"] (inch)	Black
Mini 4 Way (600*600)	PC4SUSMAN	670 x 45 x 670 (mm) [2'-2 1/2"] x [1 3/4"] x [2'-2 1/2"] (inch)	-

1-2. Dimensional drawing

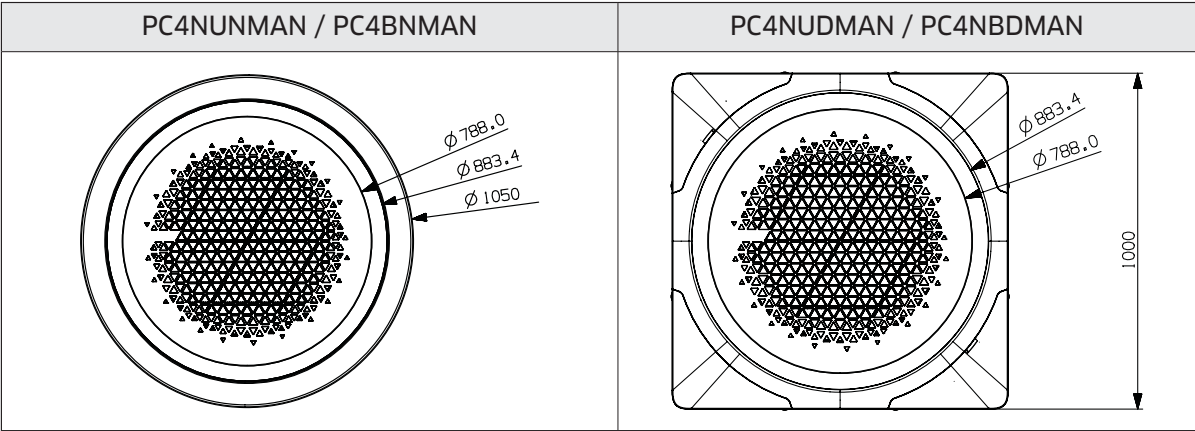
Unit: mm(inch)



1-3. Models

Type	Model	Net.Dimensions	Description
360 CST	PC4NUNMAN	ø1050 x 94 (mm)	Circle - White
	PC4NBNMAN	ø[3'-5 5/16"] x [3 11/16"] (inch)	Circle - Black
	PC4NUDMAN	1000 x 66 x 1000 (mm)	Square - White
	PC4NBDMAN	[3'-3 3/8"] x [2 5/8"] x [3'-3 3/8"] (inch)	Square - Black

1-4. Dimensional drawing



2 Drain pumps

2-1. Models

Model	Duct Type	Duct Size
MDP-E075SEE3(D)	Slim Duct S(LSP)	700 x 199 x 600 (mm) [2'-3 9/16"] x [7 13/16"] x [1'-11 5/8"] (inch)
	Slim Duct 1(LSP)	900 x 199 x 600 (mm) [2'-11 7/16"] x [7 13/16"] x [1'-11 5/8"] (inch)
	Slim Duct 2(LSP)	1,100 x 199 x 600 (mm) [3'-7 5/16"] x [7 13/16"] x [1'-11 5/8"] (inch)
	Slim Duct 3(LSP)	1,300 x 295 x 690 (mm) [4'-3 3/16"] x [11 5/8"] x [2'-3 3/16"] (inch)
MDP-M075SGU3(D)	MA S(MSP)	900 x 260 x 480 (mm) [2'-11 7/16"] x [10 1/4"] x [1'-6 7/8"] (inch)
MDP-M075SGU1(D)	MA 0(MSP)	1,150 x 260 x 480 (mm) [3'-9 1/4"] x [10 1/4"] x [1'-6 7/8"] (inch)
	MA 1(MSP)	1,150 x 320 x 480 (mm) [3'-9 1/4"] x [1'-0 1/2"] x [1'-6 7/8"] (inch)
MDP-M075SGU2(D)	MA 2(MSP) /HSP	1,200 x 360 x 650 (mm) [3'-11 1/4"] x [1'-2 1/4"] x [2'-1 1/2"] (inch)
MDP-G075SP	Duct S	External Type
MDP-G075SQ	Duct S	Internal Type
MDP-N047SNC1(D)	HSP / O.A.P 22/28kW (76.4/95.5MBH)	1,240 x 470 x 1,040 (mm) [4'-0 7/8"] x [1'-6 1/2"] x [3'-5"] (inch)
MDP-N047SNC0(D)	O.A.P 14kW (47.8MBH)	1,100 x 390 x 650 (mm) [3'-7 1/4"] x [1'-3 3/8"] x [2'-1 5/8"] (inch)

Branch joints

- 1 Y-joint..... 8
- 2 Y-joint for HR (High pressure gas) ...10
- 3 Header joint.....11
- 4 Outdoor joint.....12
- 5 Outdoor joint for HR (High pressure gas) 13

1 Y-joint

1-1. Models

Model	Total indoor unit's capacities
MXJ-YA1509M	15.0 kW (51 MBH) and below
MXJ-YA2512M	Over 15.0~40.0 kW (51~136 MBH) and below
MXJ-YA2812M	Over 40.0~45.0 kW (136~154 MBH) and below
MXJ-YA2815M	Over 45.0~70.3 kW (154~240 MBH) and below
MXJ-YA3419M	Over 70.3~98.4 kW (240~336 MBH) and below
MXJ-YA4119M	Over 98.4~135.2 kW (336~461 MBH) and below
MXJ-YA4422M	Over 135.2 kW (461 MBH)

1-2. Dimensional drawing

Port	Model	MXJ-YA1509M	MXJ-YA2512M
Liquid side			
Gas side			
Port	Model	MXJ-YA2812M	MXJ-YA2815M
Liquid side			
Gas side			

Port	Model	MXJ-YA3419M	MXJ-YA4119M
Liquid side		② x 2 EA ⑪ x 2 EA	② x 2 EA ⑪ x 2 EA
Gas side		⑨ x 1 EA ⑩ x 1 EA ⑫ x 1 EA	③ x 1 EA ⑤ x 1 EA ⑨ x 1 EA ⑫ x 1 EA
Port	Model	MXJ-YA4422M	
Liquid side		① x 1 EA ③ x 2 EA	
Gas side		③ x 1 EA ④ x 1 EA ⑤ x 1 EA ⑥ x 1 EA	

Reducer

①		②		③		④	
⑤		⑥		⑦		⑧	
⑨		⑩		⑪		⑫	

2 Y-joint for HR (High pressure gas)

2-1. Models

Model	Total indoor unit's capacities
MXJ-YA1500M	22.4 kW (76 MBH) and below
MXJ-YA2500M	Over 22.4~70.3 kW (76~240 MBH) and below
MXJ-YA3100M	Over 70.3~135.2 kW (240~461 MBH) and below
MXJ-YA3800M	Over 135.2 kW (461 MBH)

2-2. Dimensional drawing

MXJ-YA1500M	MXJ-YA2500M
MXJ-YA3100M	MXJ-YA3800M

Reducer

①	②	③	④

3 Header joint

3-1. Models

Model	Total indoor unit's capacities	The maximum quantity of connection
MXJ-HA2512M	45.0 kW(154 MBH) and below	4
MXJ-HA3115M	70.3 kW(240 MBH) and below	8
MXJ-HA3819M	Over 70.3 kW (240 MBH)	8

3-2. Dimensional drawing

Port	Model	MXJ-HA2512M	MXJ-HA3115M
Liquid side		① x 4 EA ② x 1 EA ⑦ a x 1 EA	① x 8 EA ④ x 1 EA ⑦ b x 1 EA
Gas side		③ x 4 EA ⑤ x 1 EA ⑧ x 1 EA	③ x 8 EA ⑥ x 1 EA ⑧ x 2 EA
Port	Model	MXJ-HA3819M	
Liquid side		① x 8 EA ⑦ c x 1 EA	
Gas side		③ x 8 EA ⑧ x 2 EA	

Reducer

①	②	③	④
⑤	⑥	⑦	⑧

4 Outdoor joint

4-1. Models

Model	Total indoor unit's capacities
MXJ-TA3819M	Below 135.2 kW (48HP, 461.3 MBH)
MXJ-TA3419M	
MXJ-TA4422M	Above 140.2 kW (50HP, 478.4 MBH)
MXJ-TA4122M	

4-2. Dimensional drawing

Port	Model	MXJ-TA3819M	MXJ-TA3419M
Liquid side			
Gas side			
Port	Model	MXJ-TA4422M	MXJ-TA4122M
Liquid side			
Gas side			

Reducer

①	②	③
④	⑤	⑥

5 Outdoor joint for HR (High pressure gas)

5-1. Models

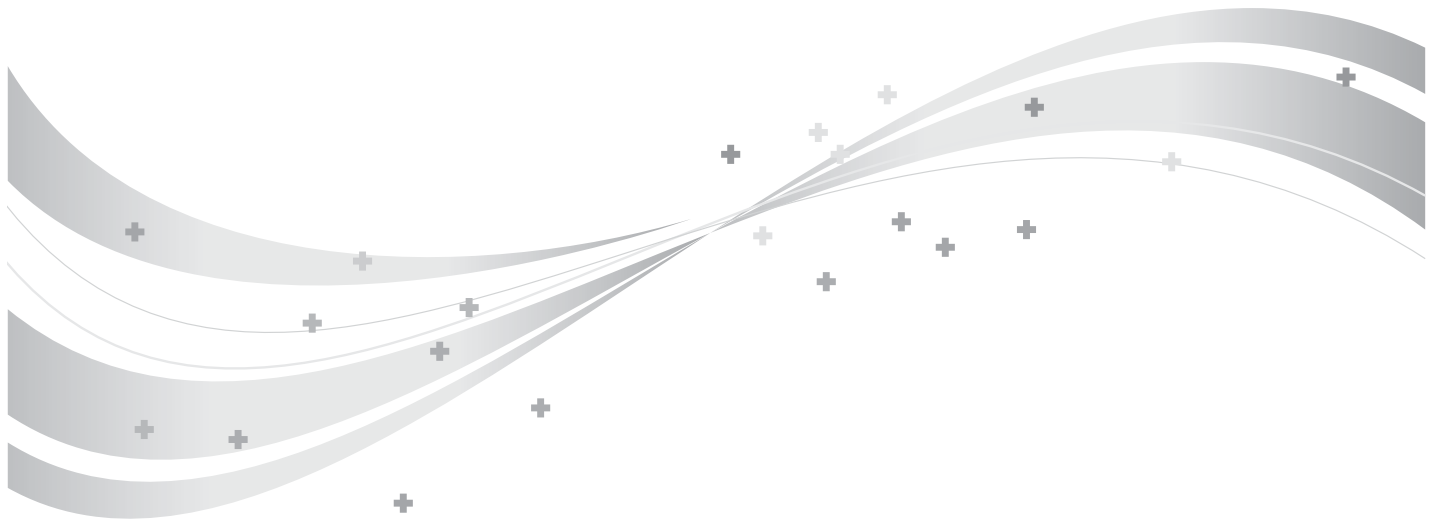
Model	Total indoor unit's capacities
MXJ-TA3100M	Below 135.2 kW(48HP, 461.3MBH)
MXJ-TA3800M	Above 140.2 kW(50HP, 478.4 MBH)

5-2. Dimensional drawing

MXJ-TA3100M	MXJ-TA3800M
① x 1 EA ③ x 1 EA	② x 1 EA ③ x 1 EA ④ x 2 EA

Reducer

①	②	③	④



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EEV kits

1	Models.....	16
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1 Models

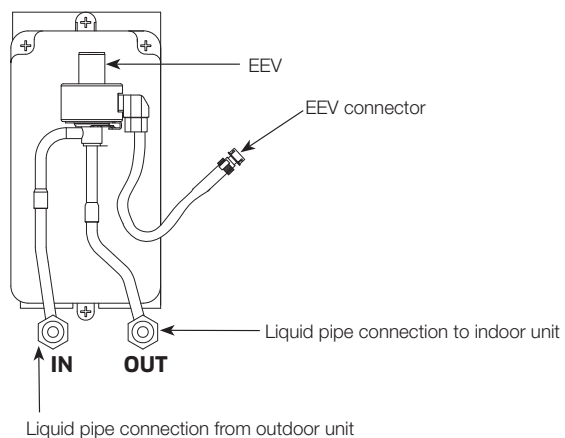
1-1. Single EEV kits

Model	Description				
	Connectable capacity of indoor units	Quantity of connectable indoor units	Weight (Net)	Indoor units	Remarks
MEV- E24SA	Up to 4.5kW (15.5MBH)	1	1kg(2.2 lbs)	Wall mounted units Ceiling units	Extension wire included
MEV- E32SA	5 ~ 9kW (17 ~ 31MBH)	1			

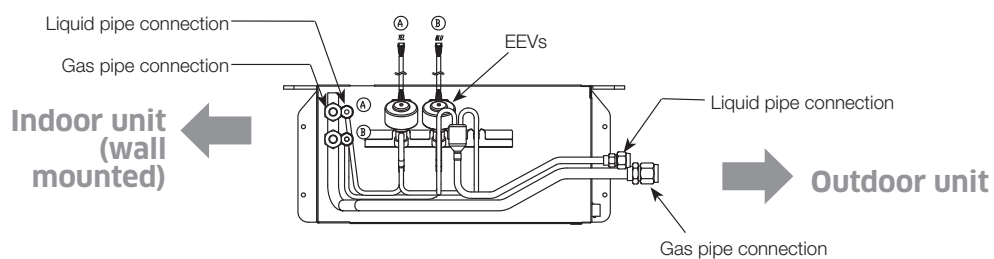
1-2. Two and Three rooms EEV kits

Model	A	B	C	Refrigerant
MXD-E24K132*	2 ~ 4.5 kW (7000 ~ 15500 Btu/h)	5 ~ 9 kW (17000 ~ 31000 Btu/h)	-	R-410A
MXD-E24K200*	2 ~ 4.5 kW (7000 ~ 15500 Btu/h)	2 ~ 4.5 kW (7000 ~ 15500 Btu/h)	-	
MXD-E24K232*	2 ~ 4.5 kW (7000 ~ 15500 Btu/h)	2 ~ 4.5 kW (7000 ~ 15500 Btu/h)	5 ~ 9 kW (17000 ~ 31000 Btu/h)	
MXD-E24K300*	2 ~ 4.5 kW (7000 ~ 15500 Btu/h)	2 ~ 4.5 kW (7000 ~ 15500 Btu/h)	2 ~ 4.5 kW (7000 ~ 15500 Btu/h)	
MXD-E32K200*	5 ~ 9 kW (17000 ~ 31000 Btu/h)	5 ~ 9 kW (17000 ~ 31000 Btu/h)	-	
MXD-E32K224*	5 ~ 9 kW (17000 ~ 31000 Btu/h)	5 ~ 9 kW (17000 ~ 31000 Btu/h)	2 ~ 4.5 kW (7000 ~ 15500 Btu/h)	
MXD-E32K300*	5 ~ 9 kW (17000 ~ 31000 Btu/h)	5 ~ 9 kW (17000 ~ 31000 Btu/h)	5 ~ 9 kW (17000 ~ 31000 Btu/h)	

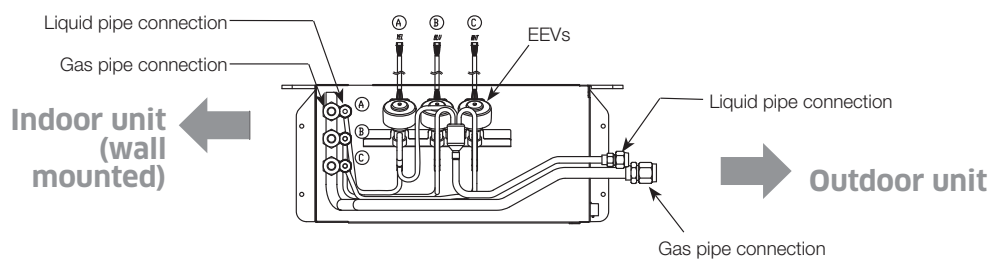
2-1. Single EEV kits



2-2. Two rooms EEV kits



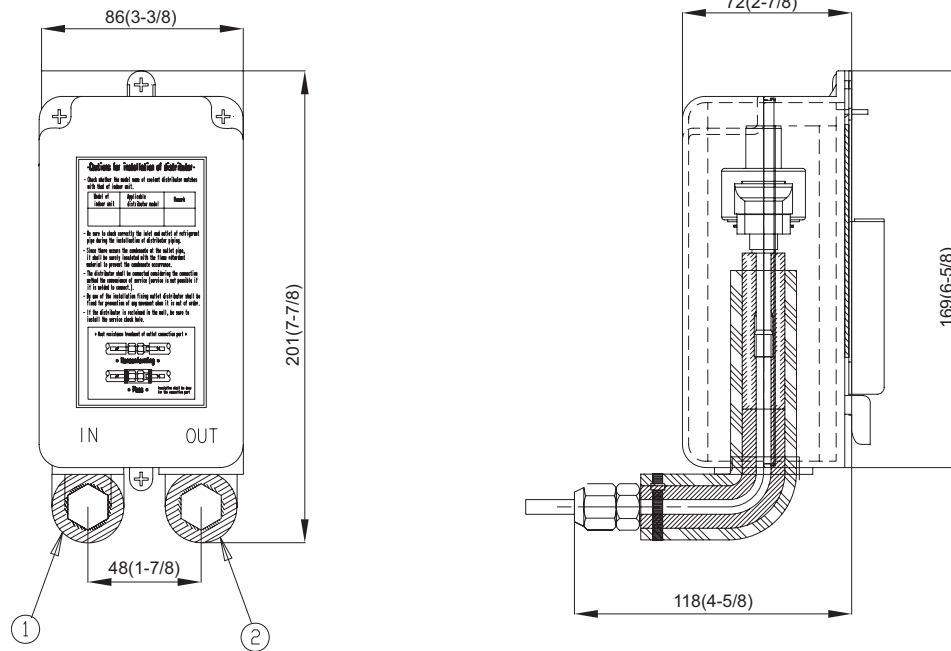
2-3 Three rooms EEV kits



1 Models

3-1. Single EEV kits

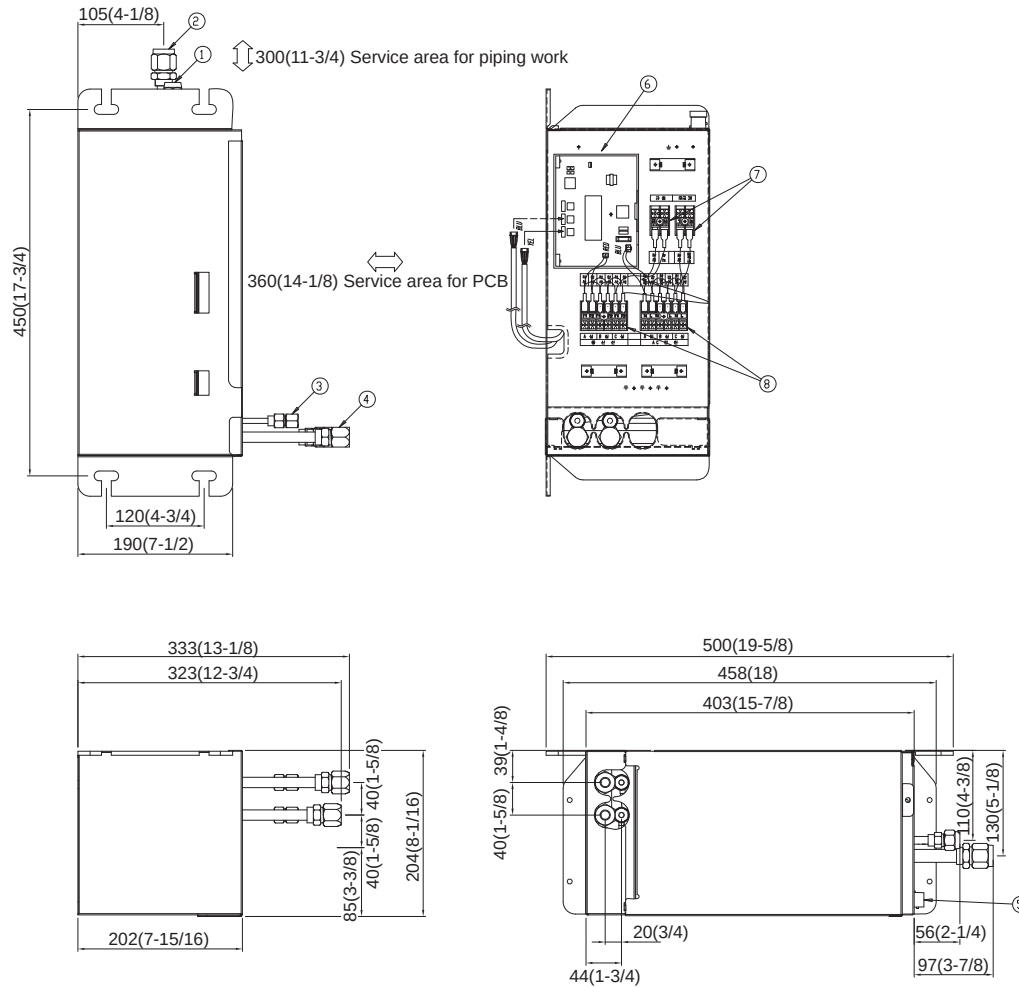
Unit: mm(inch)



No.	Item
①	Liquid pipe connection from branch joint [Ø6.35(1/4"), Flare]
②	Liquid pipe connection to wall mounted/ceiling unit [Ø6.35(1/4"), Flare]

3-2. Two rooms EEV kits

Unit: mm(inch)

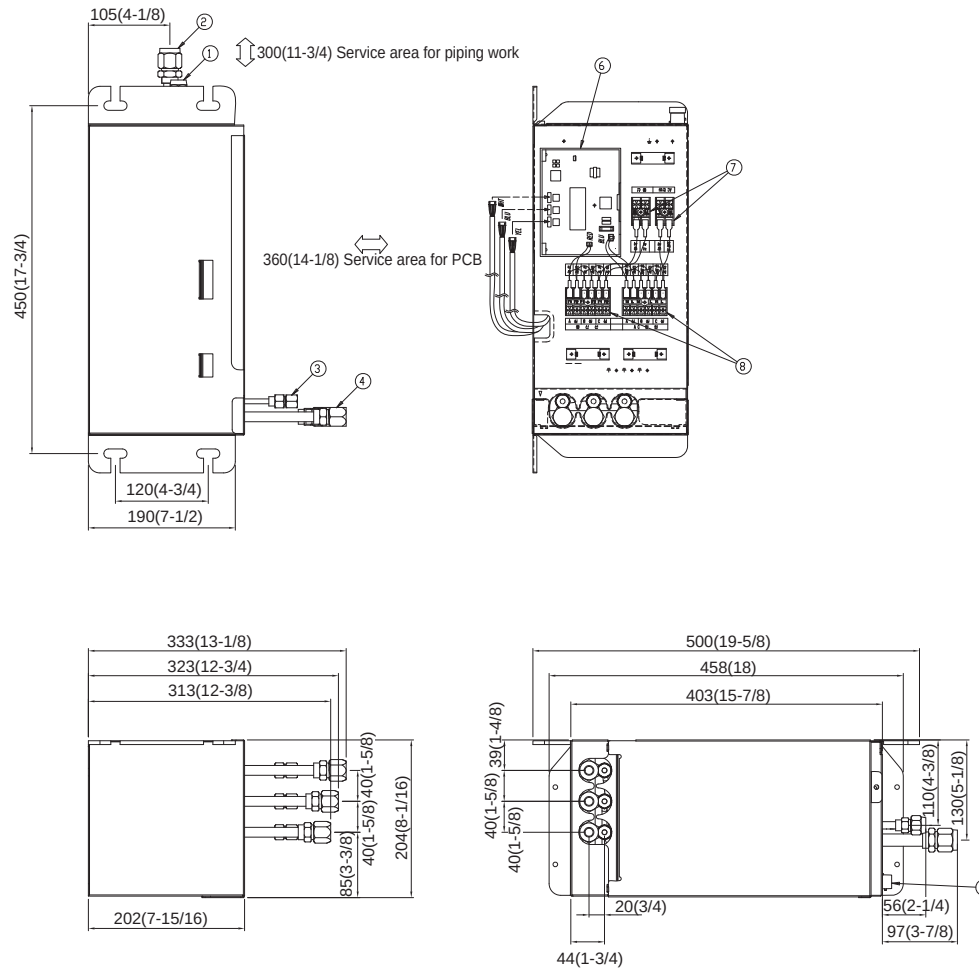


No.	Item	Pipe size [Ø, mm(inch)]			
		Model No.	MXD-E24K132A	MXD-E24K200A	MXD-E32K200A
①	Liquid pipe connection from branch joint	①	9.52(3/8)	9.52(3/8)	9.52(3/8)
②	Gas pipe connection from branch joint	②	15.88(5/8)	15.88(5/8)	15.88(5/8)
③	Liquid pipe connections to wall mounted/ceiling units	③	6.35(1/4)	6.35(1/4)	9.52(3/8)
④	Gas pipe connections to wall mounted/ceiling units		9.52(3/8)	6.35(1/4)	9.52(3/8)
⑤	Condensate drain pipe connection [ID 12.5/OD 17.5(ID 1/2" /OD 11/16")]	④	12.70(1/2)	12.70(1/2)	15.88(5/8)
			15.88(5/8)	12.70(1/2)	15.88(5/8)
⑥	PCB in EEV kits				
⑦	Power and communication wiring terminal blocks from outdoor unit				
⑧	Power and communication wiring terminal blocks to indoor units				

1 Models

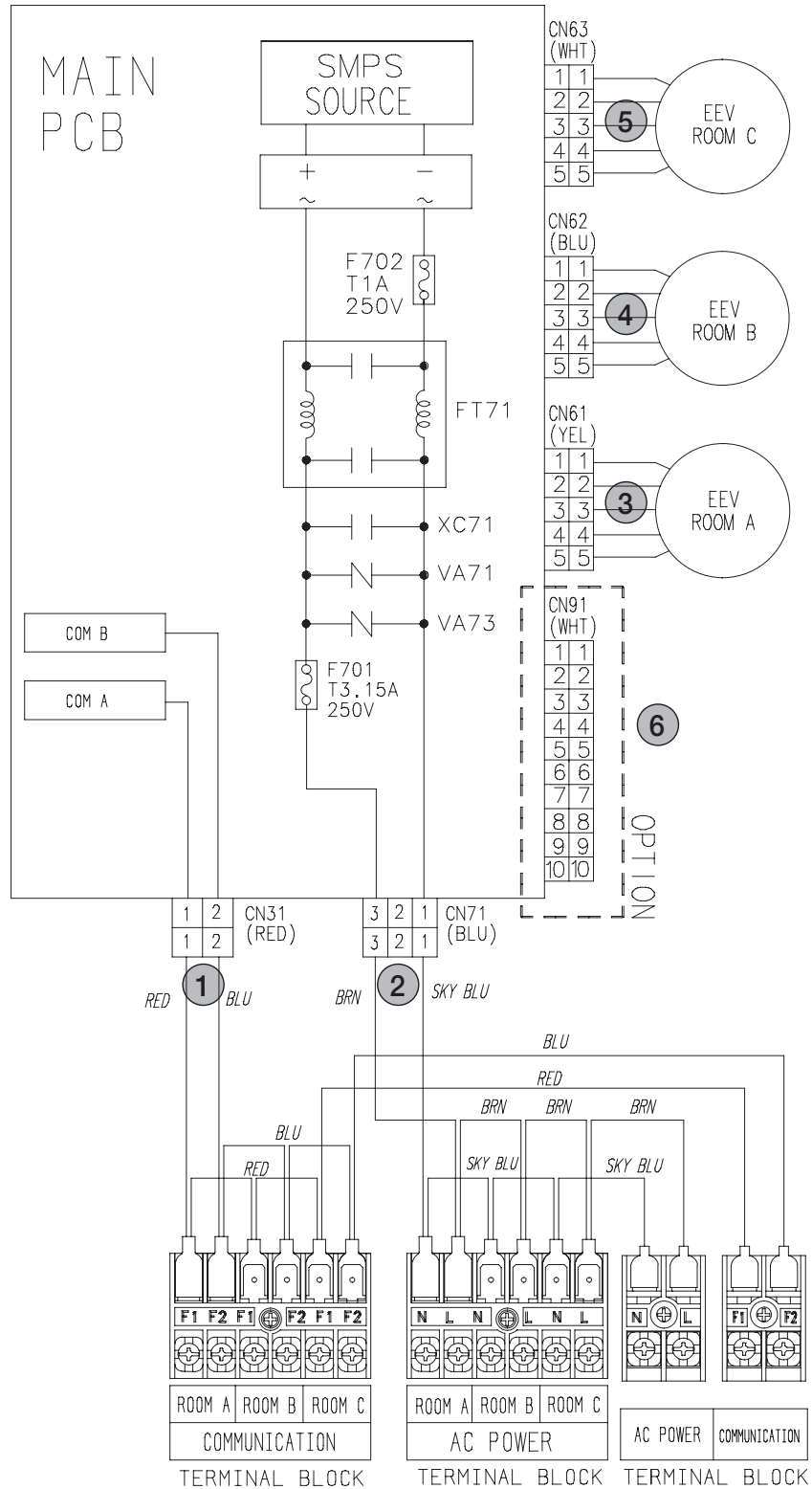
3-3. Three rooms EEV kits

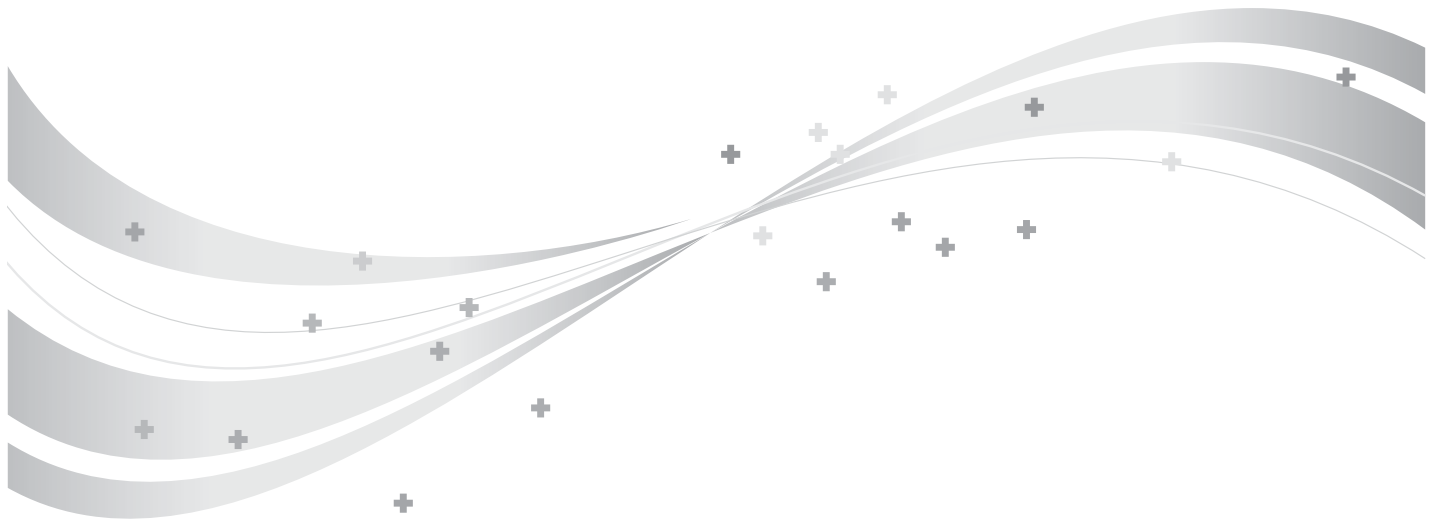
Unit: mm(inch)



No.	Item	Pipe size [Ø, mm(inch)]				
		Model No.	MXD- E24K232A	MXD- E24K300A	MXD- E32K224A	MXD- E32K300A
①	Liquid pipe connection from branch joint	①	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
②	Gas pipe connection from branch joint	②	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)
③	Liquid pipe connections to wall mounted/ceiling units	③	6.35(1/4)	6.35(1/4)	9.52(3/8)	9.52(3/8)
④	Gas pipe connections to wall mounted/ceiling units		6.35(1/4)	6.35(1/4)	9.52(3/8)	9.52(3/8)
			9.52(3/8)	6.35(1/4)	6.35(1/4)	9.52(3/8)
⑤	Condensate drain pipe connection [ID 12.5/OD17.5(ID 1/2" /OD 11/16")]	④	12.70(1/2)	12.70(1/2)	15.88(5/8)	15.88(5/8)
			12.70(1/2)	12.70(1/2)	15.88(5/8)	15.88(5/8)
⑥	PCB in EEV kits		15.88(5/8)	12.70(1/2)	12.70(1/2)	15.88(5/8)
⑦	Power and communication wiring terminal blocks from outdoor unit					
⑧	Power and communication wiring terminal blocks to indoor units					

2 Electrical wiring diagram





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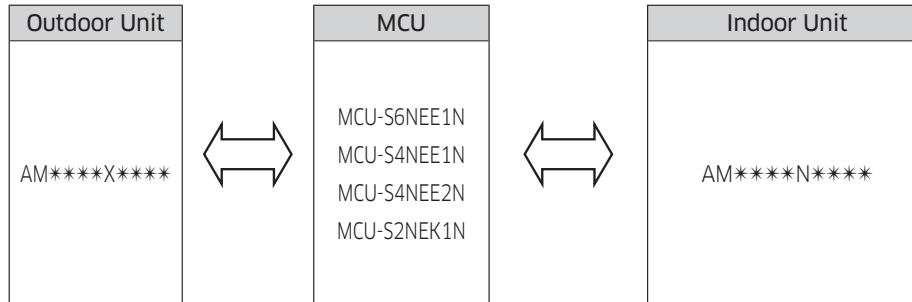
MCU kits

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1 Models

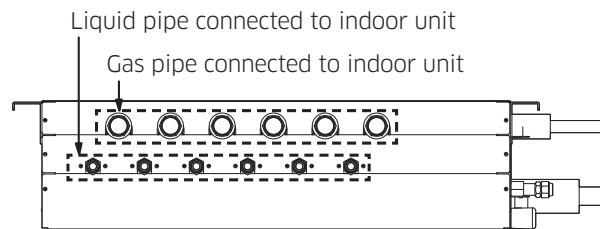
1-1. MCU indoor/outdoor unit compatible table

Before installing MCU, refer to the compatible table below and find the model before installation.

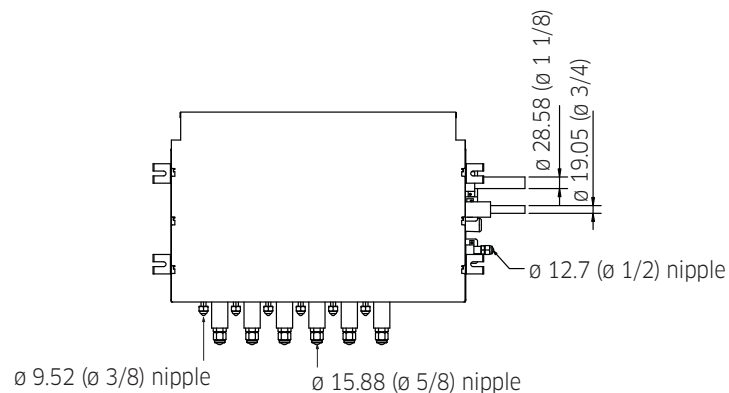


MCU Kit	Model	Description
	MCU-S6NEE1N	Below 6 indoor units, below 56 kW (192MBH)
	MCU-S4NEE1N	Below 4 indoor units, below 56 kW (192MBH)
	MCU-S4NEE2N	Below 2 large capacity indoor unit, below 56 kW (192MBH)
	MCU-S2NEK1N	Below 2 indoor units, below 28 kW (96MBH)

[Unit: mm(inch)]



Side view of MCU



2-1. MCU

Type			MCU				
Model			MCU-S6NEE1N	MCU-S4NEE1N	MCU-S4NEE2N	MCU-S2NEK1N	
Maximum number of connectable indoor units		EA	6	4	2	2	
Maximum capacity of connectable indoor units		kW	56	56	56	28	
		MBH	192	192	192	96	
Power Supply		Ø, #, V, Hz	1/2/220-240/50	1/2/220-240/50	1/2/220-240/50	1/2/220-240/50	
			1/2/208-230/60	1/2/208-230/60	1/2/208-230/60	1/2/208-230/60	
Mode		-	Heat Recovery	Heat Recovery	Heat Recovery	Heat Recovery	
Power	Power Input (Nominal)	Cooling	W	55.0	55.0	55.0	55.0
		Heating		55.0	55.0	55.0	55.0
	Current Input (Nominal)	Cooling	A	0.5	0.5	0.5	0.5
		Heating		0.5	0.5	0.5	0.5
	MCA			0.63	0.63	0.63	0.63
	MFA (MOP)		A	15.0	15.0	15.0	15.0
Field Wiring	Power Source Wire		mm ²	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
Sound level	Sound pressure		dB(A)	34	34	34	34
Additional refrigerant charging			kg/unit	0.5	0.5	0.5	0.5
Piping Connections	Outdoor unit	Liquid Pipe	Ø, mm	12.7	12.7	12.7	12.7
			Ø, inch	1/2"	1/2"	1/2"	1/2"
		Gas Pipe	Ø, mm	28.58	28.58	28.58	28.58
			Ø, inch	1 1/8"	1 1/8"	1 1/8"	1 1/8"
		Discharge gas	Ø, mm	19.05	19.05	19.05	19.05
			Ø, inch	3/4"	3/4"	3/4"	3/4"
	Indoor unit	Liquid Pipe	Ø, mm	9.52	9.52	9.52	9.52
			Ø, inch	3/8"	3/8"	3/8"	3/8"
		Gas Pipe	Ø, mm	15.88	15.88	19.05	19.05
			Ø, inch	5/8"	5/8"	3/4"	3/4"
External Dimension	Net Weight		kg	27.0	24.0	24.0	21.0
	Shipping Weight		kg	33.5	29.0	29.0	25.0
	Net Dimensions (WxHxD)		mm	728 x 469 x 199 [2'-4 3/4"] x [1'-6 1/2"] x [7 3/4"]	728 x 469 x 199 [2'-4 3/4"] x [1'-6 1/2"] x [7 3/4"]	728 x 469 x 199 [2'-4 3/4"] x [1'-6 1/2"] x [7 3/4"]	728 x 469 x 199 [2'-4 3/4"] x [1'-6 1/2"] x [7 3/4"]
	Shipping Dimensions (WxHxD)		mm	973 x 250 x 631 [3'-2 1/4"] x [9 3/4"] x [2'-0 3/4"]	973 x 250 x 631 [3'-2 1/4"] x [9 3/4"] x [2'-0 3/4"]	973 x 250 x 631 [3'-2 1/4"] x [9 3/4"] x [2'-0 3/4"]	973 x 250 x 631 [3'-2 1/4"] x [9 3/4"] x [2'-0 3/4"]
	Operation Limit		Cooling	-15~48	-15~48	-15~48	-15~48
		Heating	-25~24	-25~24	-25~24	-25~24	
Installation	Indoor unit's Capacity		1 port: Below 10kW (30MBH)		2 ports: 11.2 ~ 28kW (36 ~ 96MBH)	1 port: Below 14kW (48MBH)	
			2 port: 11.2 ~ 14kW (36 ~ 48MBH)			2 port: 14 ~ 28kW (48 ~ 96MBH)	
	-15℃ operation		* 1 port: Below 5kW (18MBH)			* 1 port: Below 5kW (18MBH)	
			* 2 ports: 5 ~ 14kW (18 ~ 48MBH)			* 2 ports: 5 ~ 28kW (18 ~ 96MBH)	
	* The outdoor unit's PCB should be set for -15℃ cooling operation. * When joining two ports in the MCU, use Y-connector(liquid, gas) offered. * 2 ports MCU don't have Y-joint.						

※ Measuring place: Anechoic chamber

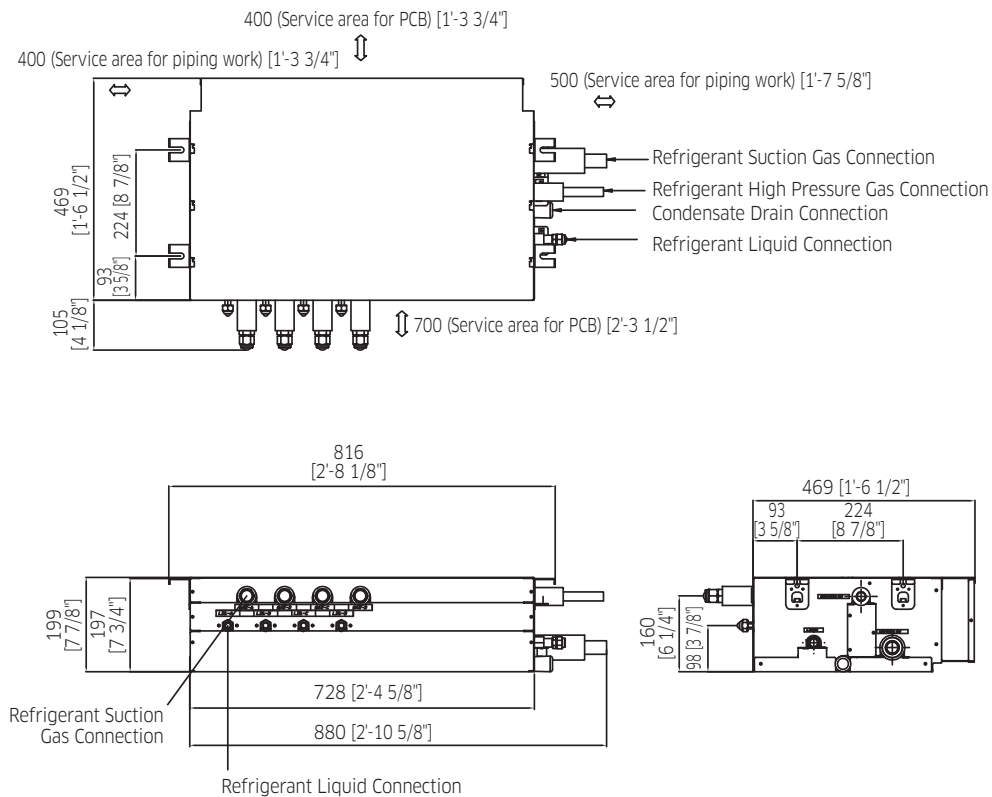
These operating and Mode changing values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed. Data of each model have a similar value.

Operating and Mode changing sound level may differ depending on operation and ambient conditions.

3 Dimensional drawing

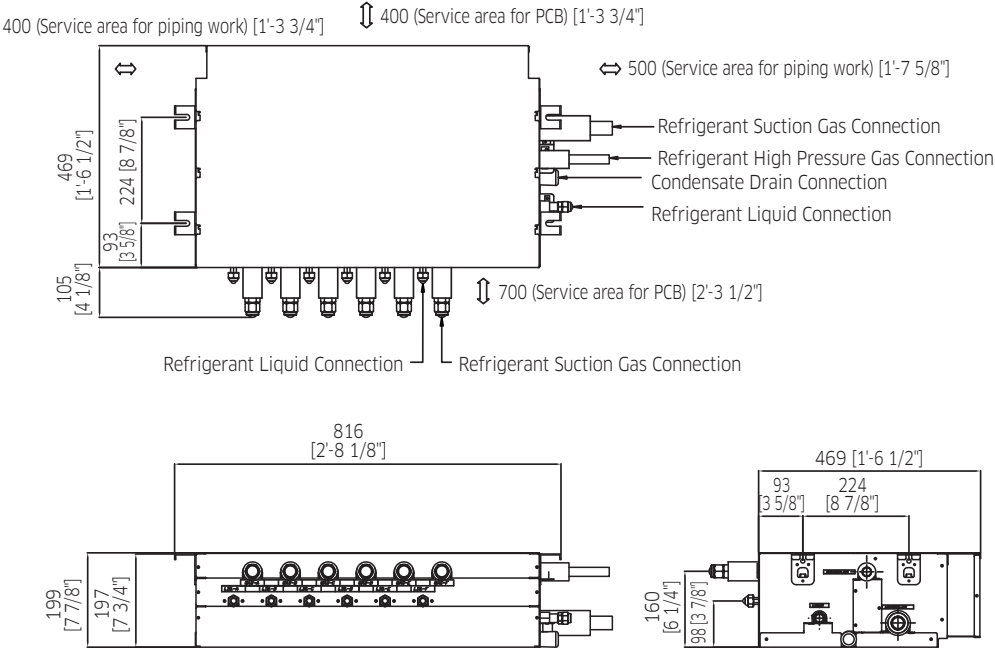
3-1. MCU-S4NEE1N / MCU-S4NEE2N

Unit: mm(inch)



3-2. MCU-S6NEE1N

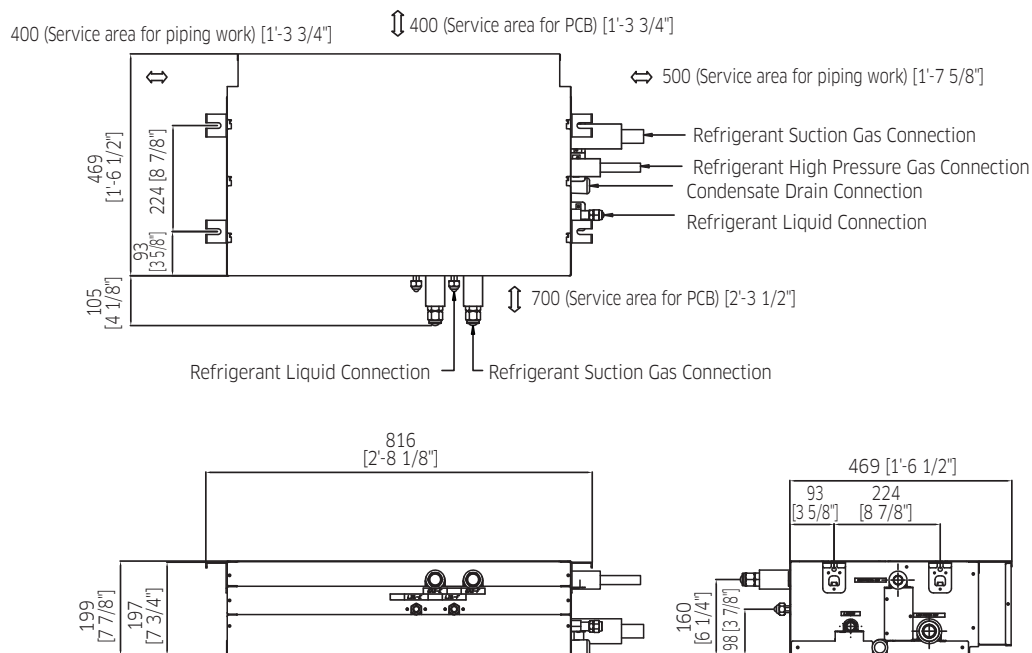
Unit: mm(inch)



3 Dimensional drawing

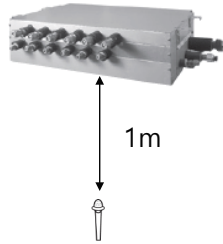
3-3. MCU-S2NEK1N

Unit: mm(inch)



4 Sound pressure level

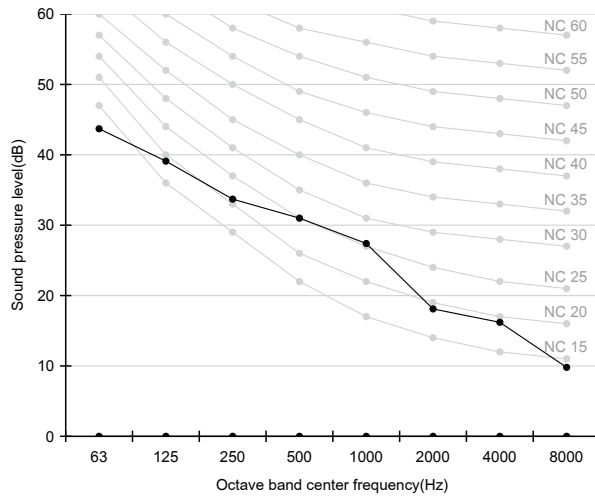
4-1. MCU



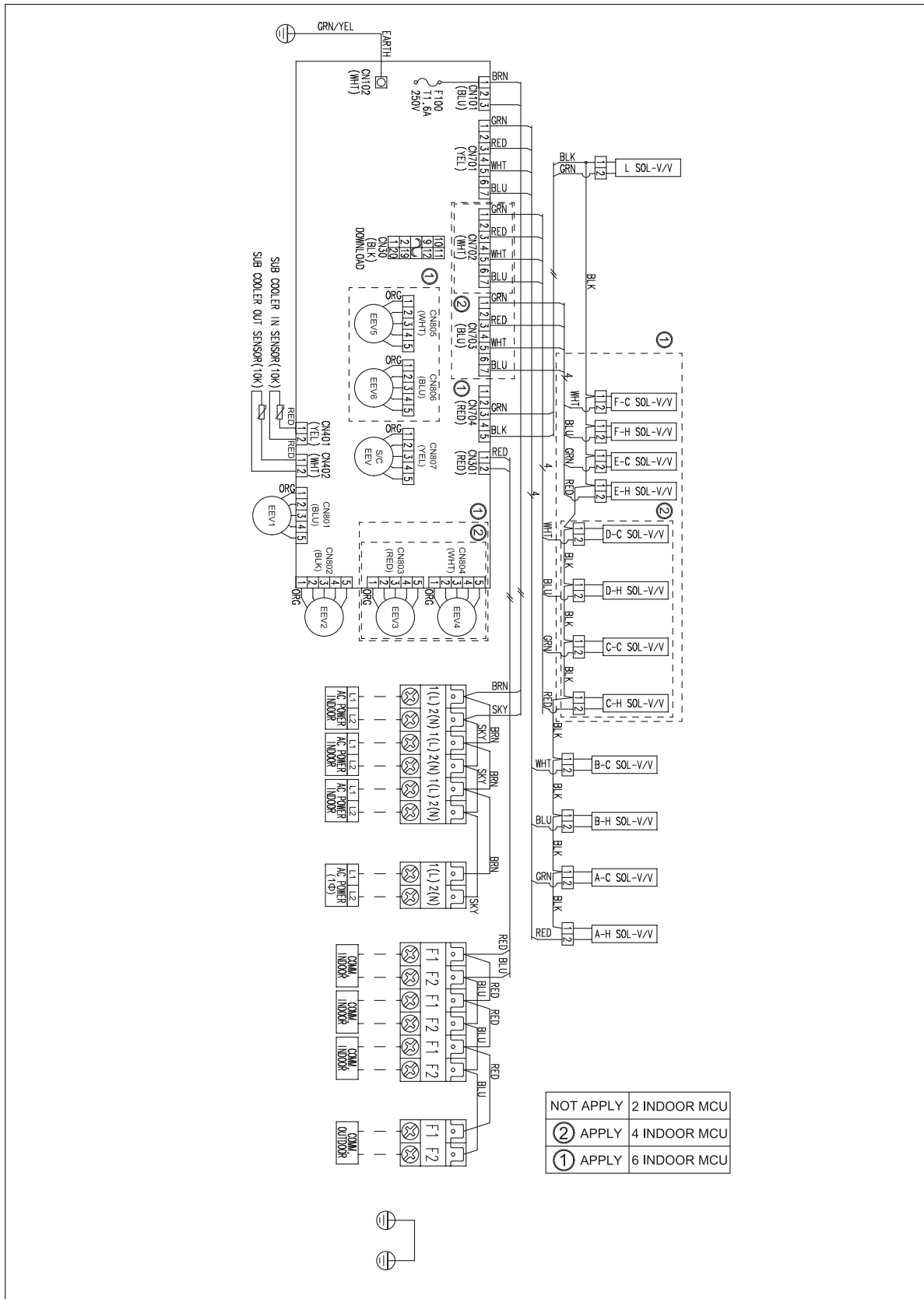
Model	Sound Level (dBA)
MCU-S6NEE1N	34
MCU-S4NEE1N	
MCU-S4NEE2N	
MCU-S2NEK1N	

- This value was measured at steady state in anechoic chamber and may vary depending on operating condition.
- Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.

4-2. NC curve

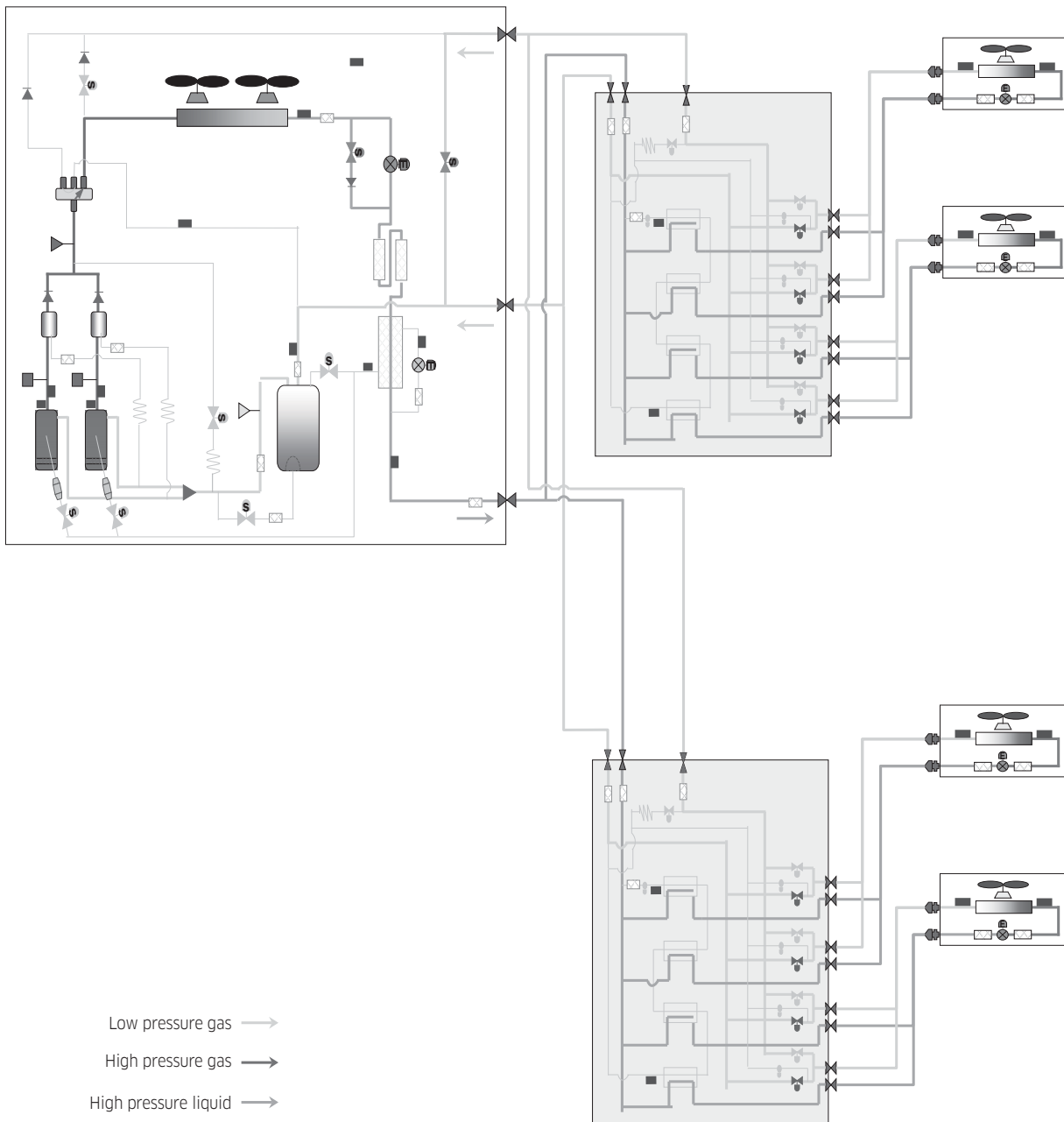


5 Electrical wiring diagram



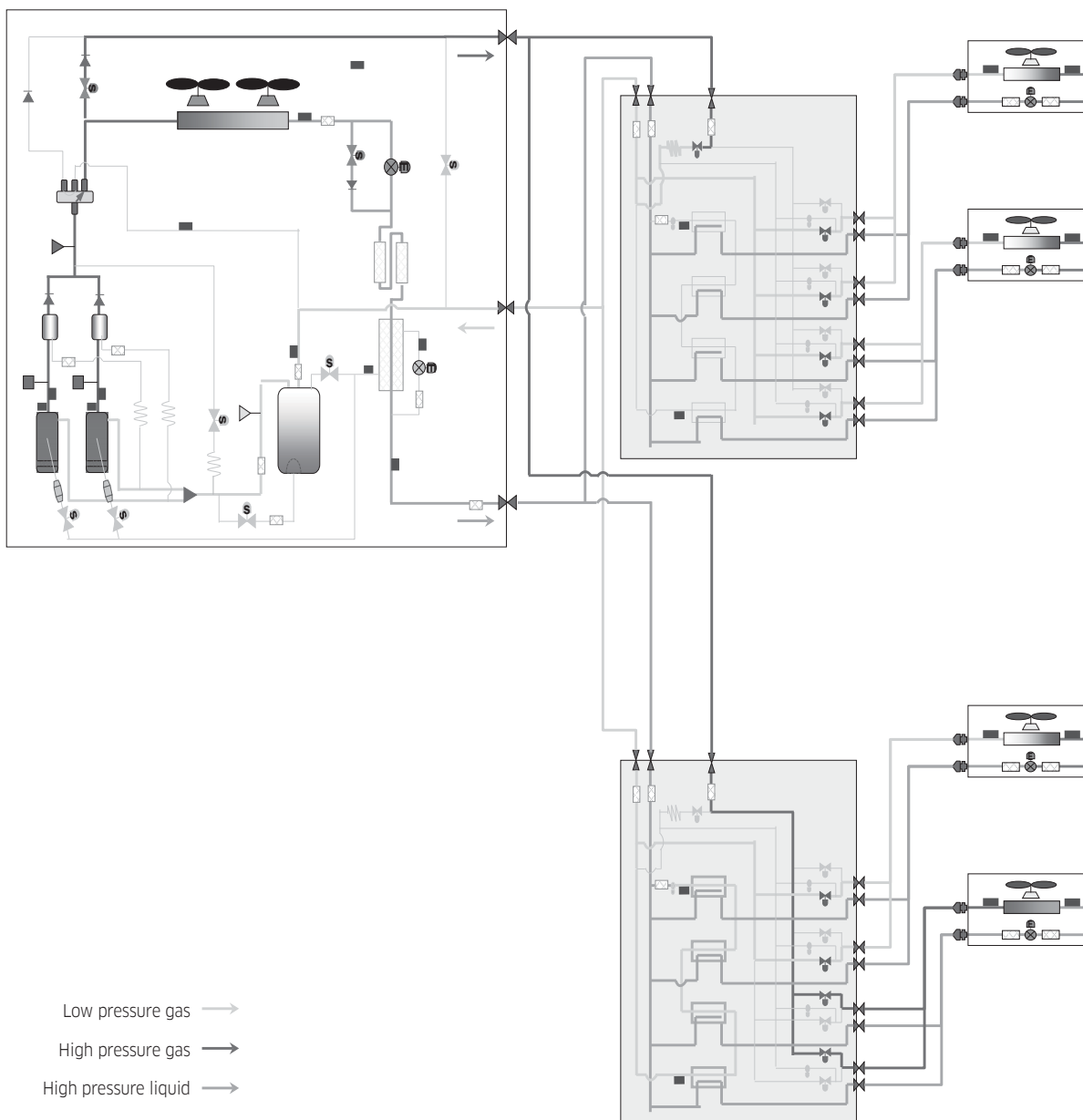
6 Cycle diagram

HR Cycle: Cooling

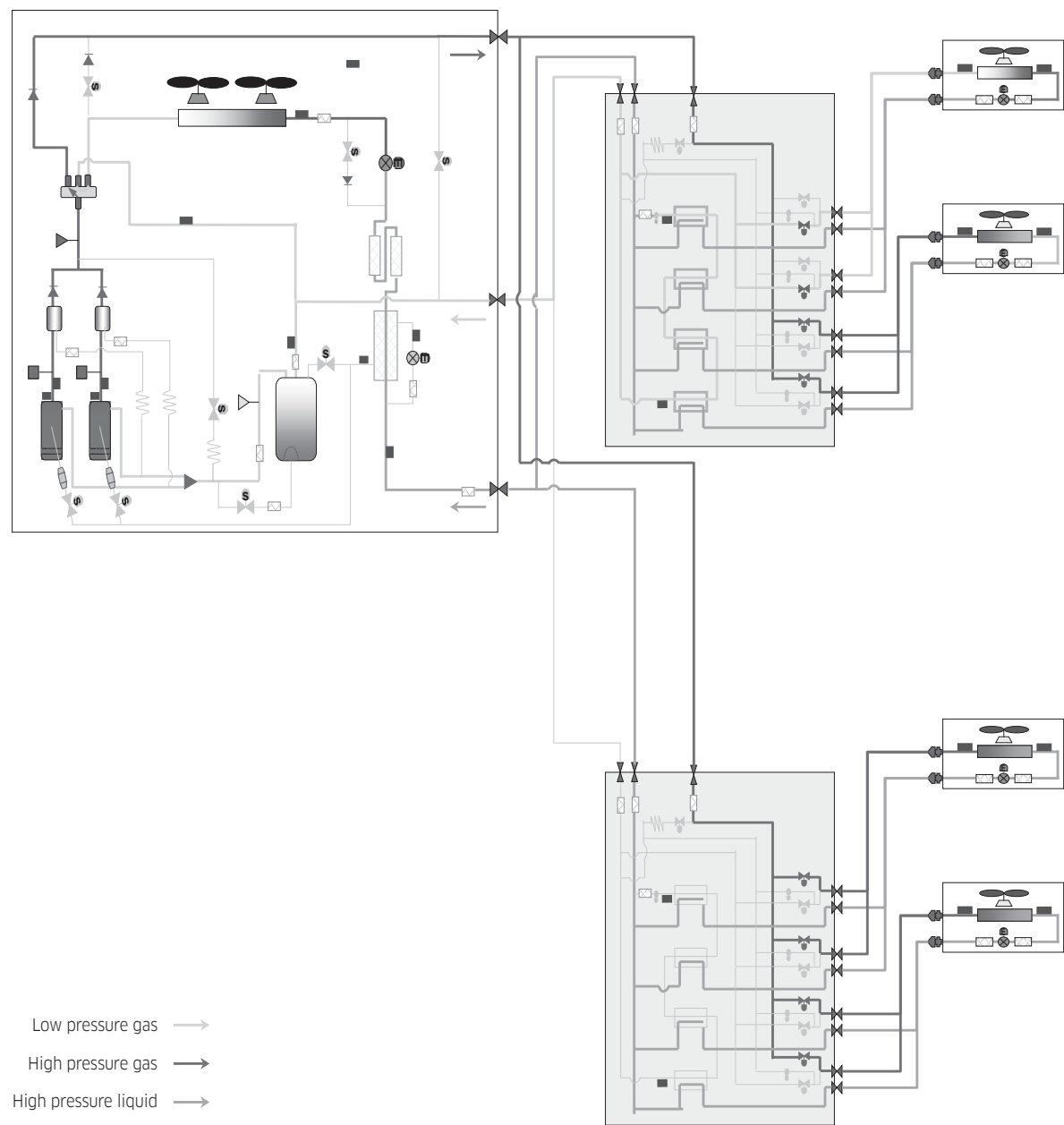


6 Cycle diagram

HR Cycle: Main Cooling

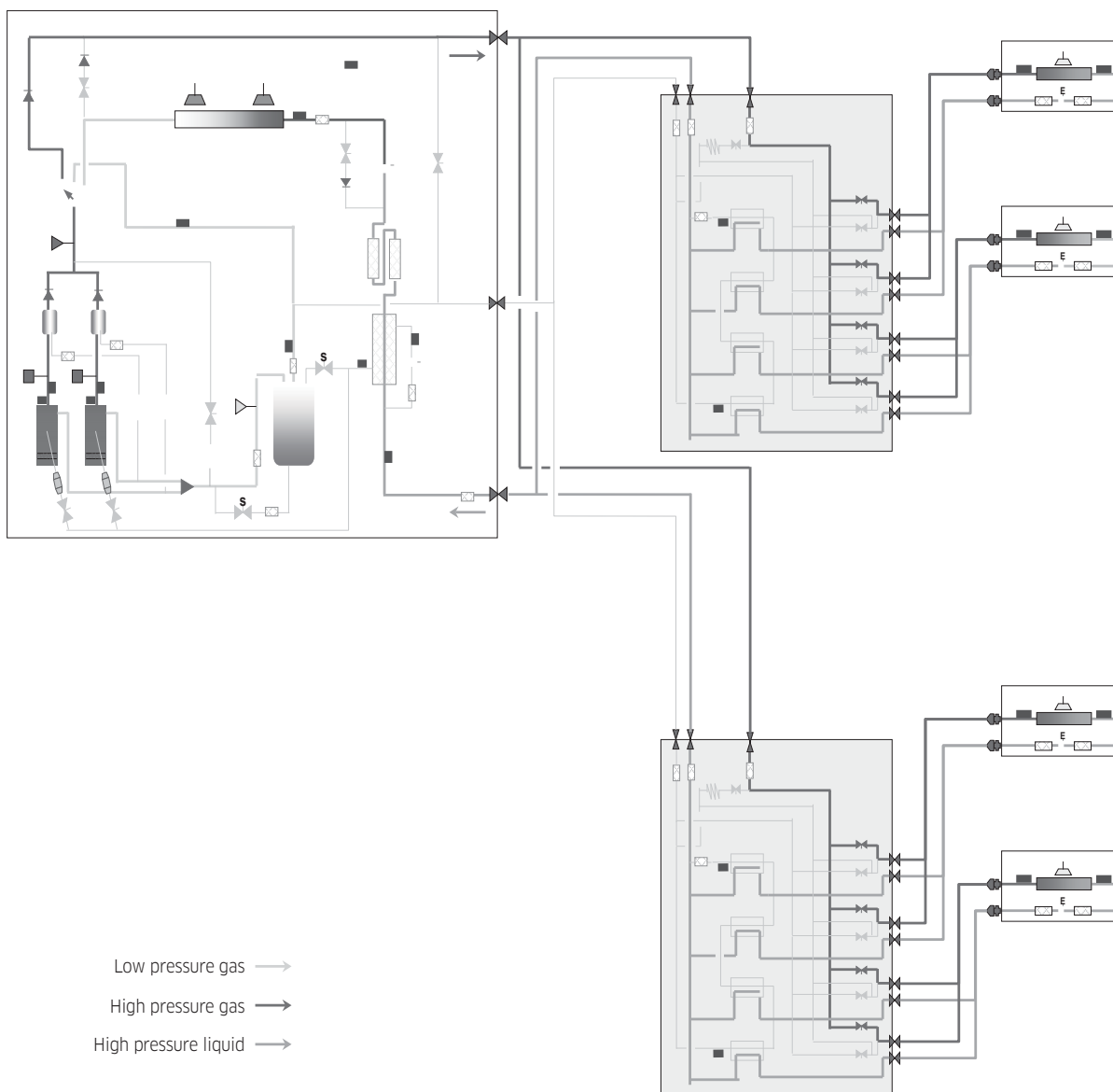


HR Cycle: Main Heating



6 Cycle diagram

HR Cycle: Heating



AHU kits

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1 Accessories

AHU KIT

Type			AHU Kit				Control Kit	
Model			MXD-K025AN	MXD-K050AN	MXD-K075AN	MXD-K100AN	MCM-D201N (10/20/30/40HP)	
Power Supply		Ø, #, V, Hz	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	
Mode		-	HP/HR	HP/HR	HP/HR	HP/HR	HP	
1Design Recommendation	AHU Capacity Allowance	Max.	kW	8.75	17.5	26.25	35	35/70/105/140
			MBH	30	60	90	119	119/239/358/478
		Min.	kW	7	14	21	28	28/56/84/112
			MBH	24	48	72	96	96/191/287/382
	AHU Internal Heat Exchanger Volume Allowance	Max.	cm³	1,500	2,688	3,875	5,000	5,000/10,000/15,000/20,000
		Min.	cm³	1,200	2,150	3,100	4,000	4,000/8,000/12,000/16,000
Piping Connections (EEV-KIT)	High pressure pipe from outdoor unit	Ø,mm	9.52	9.52	9.52	9.52	12.7	
		Ø, inch	3/8"	3/8"	3/8"	3/8"	1/2"	
	High pressure pipe to AHU	Ø,mm	9.52	9.52	9.52	9.52	12.7	
		Ø, inch	3/8"	3/8"	3/8"	3/8"	1/2"	
Sensor	Eva In	Type / Ø	103HW / 6Ø	103HW / 6Ø	103HW / 6Ø	103HW / 6Ø	N/A	
		m /mm²	10m/ 2*0.75mm²	10m/ 2*0.75mm²	10m/ 2*0.75mm²	10m/ 2*0.75mm²	N/A	
	Eva out	Type / Ø	103HW / 7Ø	103HW / 7Ø	103HW / 7Ø	103HW / 7Ø	N/A	
		m /mm²	10m/ 2*0.75mm²	10m/ 2*0.75mm²	10m/ 2*0.75mm²	10m/ 2*0.75mm²	N/A	
	Room	Type / Ø	103HW / Molding	103HW / Molding	103HW / Molding	103HW / Molding	PT 1000Ω / 4~20mA	
		m /mm²	10m/2*0.75mm²	10m/2*0.75mm²	10m/2*0.75mm²	10m/2*0.75mm²	Field Supply	
	Discharge	Type / Ø	103HW / 7Ø	103HW / 7Ø	103HW / 7Ø	103HW / 7Ø	PT 1000Ω / 4~20mA	
		m /mm²	10m/ 2*0.75mm²	10m/ 2*0.75mm²	10m/ 2*0.75mm²	10m/ 2*0.75mm²	Field Supply	
	Eva In / Out (Only for MCM-D201N)	Type / Ø	N/A	N/A	N/A	N/A	103HW / 6Ø, 7Ø	
		m /mm²	N/A	N/A	N/A	N/A	7m/ 2*0.75mm²	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	
Dimensions	EEV KIT	-	INCLUDED	INCLUDED	INCLUDED	INCLUDED	Not INCLUDED	
	EEV KIT (W×HxD)	mm	387 x 90 x 170	387 x 90 x 170	387 x 90 x 170	387 x 90 x 170	Ordering Separately (EEV Kit 1EA per 10HP)	
		inch	[1'-3 1/4"] x [3 1/2"] x [6 3/4"]	[1'-3 1/4"] x [3 1/2"] x [6 3/4"]	[1'-3 1/4"] x [3 1/2"] x [6 3/4"]	[1'-3 1/4"] x [3 1/2"] x [6 3/4"]		
	Control Box (W×HxD)	mm	380 x 130 x 280	380 x 130 x 280	380 x 130 x 280	380 x 130 x 280	385 x 46 x 275	
		inch	[1'-3"] x [5 1/8"] x [11"]	[1'-3"] x [5 1/8"] x [11"]	[1'-3"] x [5 1/8"] x [11"]	[1'-3"] x [5 1/8"] x [11"]	[1'-3 1/8"] x [1 3/4"] x [10 7/8"]	

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

※ The AHU design SPEC are base on 10HP test result under Evaporating Temperature: 7°C, Superheat: 1°C, Air temperature: 27°CDB/19°CWB

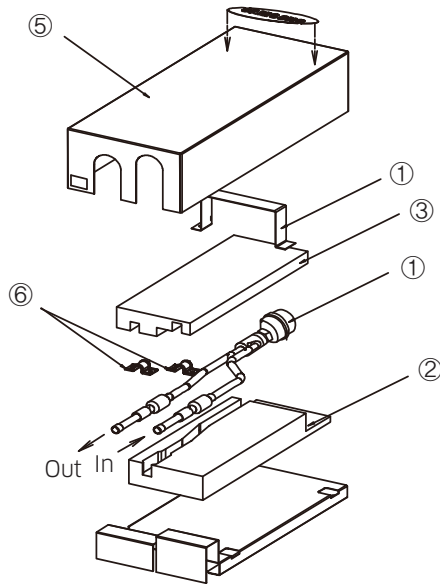
※ The Room/EVA IN/EVA OUT/Disch. sensors & Cable-nuts are not included in the Model "MXD-X000AN".

※ In case of MCM-D201N, EEV KIT and Room/Disch sensor are not provided.
(EEV KIT is need to order 1ea per 10HP separately)

※ In terms of AHU, there is a no limitation in capacity

2 Parts and Components

EEV KIT



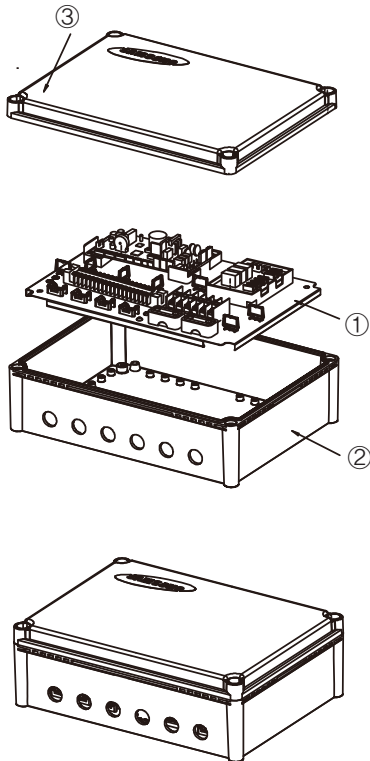
No.	Parts and components
①	EEV body (Coil wire: 2.5/5.0 HP = 2 m 7.5/10.0 HP = 7 m)
②	Lower insulation
③	Upper insulation
④	Holder
⑤	Cover
⑥	Clamp

※ Out (Low Pressure pipe to AHU heat exchanger)

※ In (High Pressure pipe from outdoor unit)

- EEV Kit is not included in the Model "MXD-X000AN, MCM-D201N".

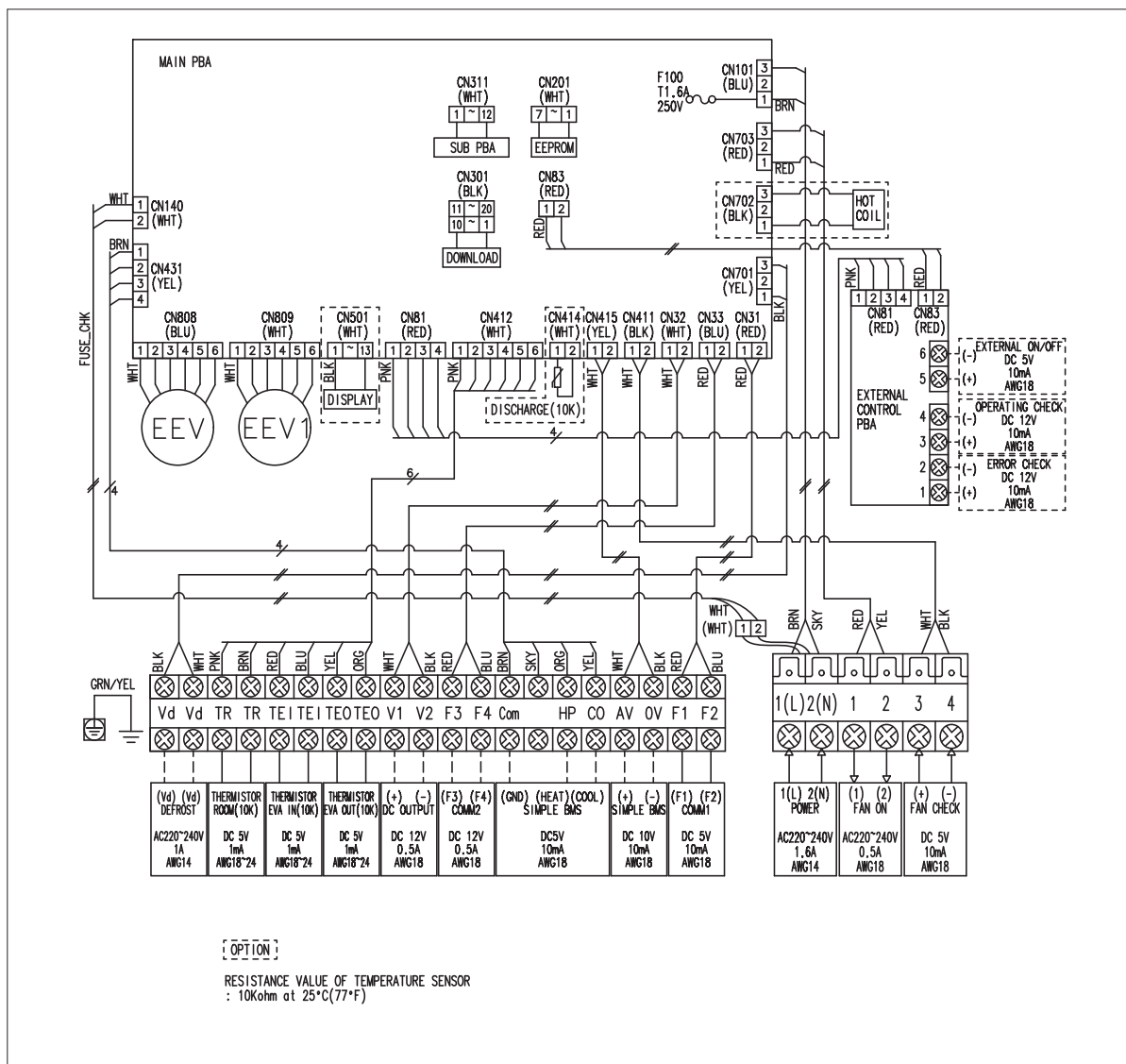
Control KIT



No.	Parts and components
①	Controller board
②	Case
③	Cover

3

AHU KIT



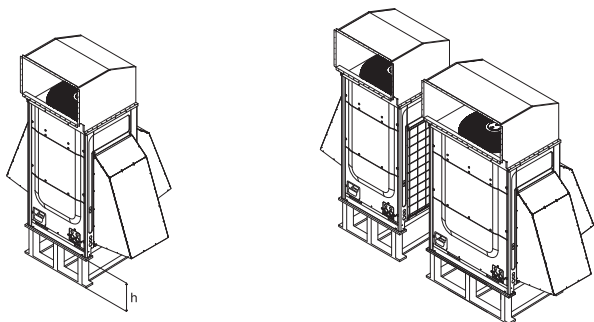
ETC

1 The wind / snow prevention duct40

1 The wind / snow prevention duct

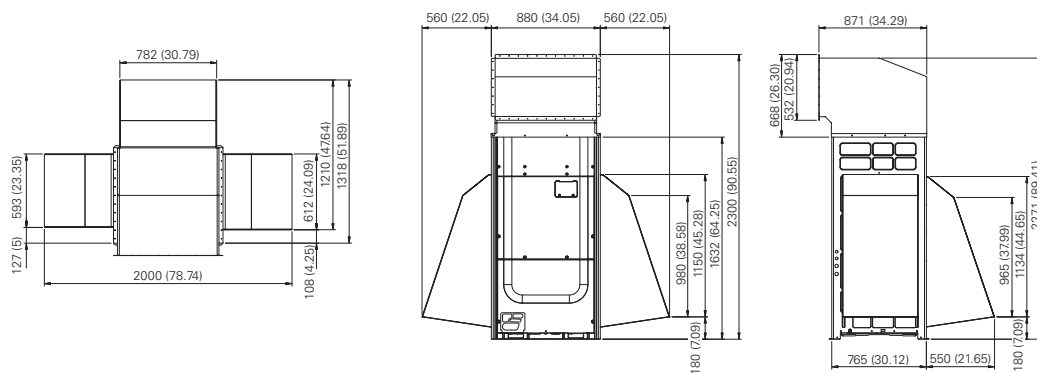
Cautions regarding on installing the frame and selecting the base ground

- Height (h) of the frame and the base ground should be higher than the "heaviest expected snowfall".
- Area of the frame and the base ground should not be larger than the are of the outdoor unit. Snow may accumulate if the area of the frame or the base ground is larger.

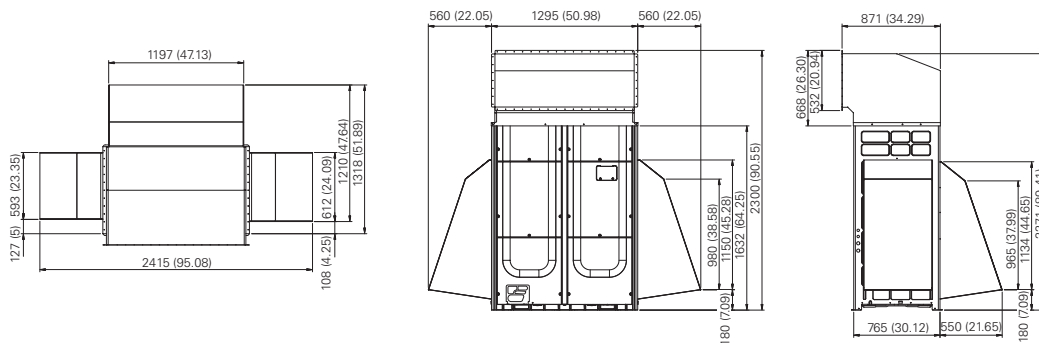


Cautions regarding on installing the frame and selecting the base ground

- The base ground must be solid and the outdoor unit must be fixed with anchor bolts.
- Make sure to install outdoor unit in a place strong enough to withstand its weight.
If the place cannot withstand the weight of the outdoor unit, outdoor unit may fall and cause personal injury.
- When installing on a rooftop subject to strong wind, countermeasures must be taken to prevent the unit from falling down.
- Use a frame that is resistant to corrosion.



Small Chassis



Big Chassis

SAC Technical Data Book

SAC