



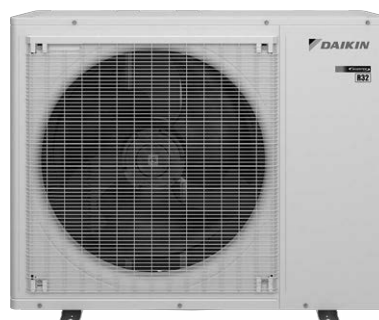
EDUS122402A

R-32

Engineering Data

Multi-Split Type Air Conditioners
- Heat Pump -

MXM-A, MXT-A, MXTH-A Series



INVERTER

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1. Power Supply

Indoor Unit		Outdoor Unit	Power Supply
Wall Mounted Type CTXV, FTXV Series	CTXV07AVJU9	Standard Type 2MXM18AVJU9 3MXM24AVJU9 4MXM36AVJU9 5MXM48AVJU9	1 phase, 208 - 230 V, 60 Hz
	FTXV09AVJU9	4MXM36AVJU9 5MXM48AVJU9	
	FTXV12AVJU9	Cold Climate Type 2MXT18AVJU9 3MXT24AVJU9 4MXT36AVJU9 5MXT40AVJU9	
	FTXV15AVJU9	3MXT24AVJU9 4MXT36AVJU9 5MXT40AVJU9	
	FTXV18AVJU9	2MXTH18AVJU9 (with drain pan heater) 3MXTH24AVJU9 (with drain pan heater)	
	FTXV24AVJU9	4MXTH36AVJU9 (with drain pan heater) 5MXTH40AVJU9 (with drain pan heater)	

Note: Power Supply Intake ; Outdoor Unit

Cautions



1. Air conditioners should not be installed in areas where corrosive gasses, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided and choose an outdoor unit with anti-corrosion treatment.

2. Functions

2.1 Indoor unit

Category	Functions	CTXV07AVJU9 FTXV09/12AVJU9	FTXV15/18/24AVJU9
Basic Function	Inverter (with inverter power control)	●	●
Comfortable Airflow	Power-airflow flap (horizontal blade)	●	—
	Power-airflow dual flaps (horizontal blade)	—	●
	Wide-angle louvers (vertical blades)	●	●
	Auto-swing (up and down)	●	●
	Auto-swing (left and right)	—	—
	3-D airflow	—	—
	COMFORT AIRFLOW operation	●	●
Comfort Control	Auto fan speed	●	●
	Switchable fan speed	●	●
	Indoor unit quiet operation	●	●
	INTELLIGENT EYE operation	—	—
	2-area INTELLIGENT EYE operation	—	—
	Hot-start function	●	●
Operation	Automatic cooling/heating change-over	●	●
	Program dry operation	●	●
	Fan only	●	●
Lifestyle Convenience	POWERFUL operation (inverter)	●	●
	ECONO operation	●	●
	Indoor unit ON/OFF switch	●	●
	Multi-colored indicator lamp	—	—
	Monitor brightness setting	—	—
	Signal receiving sign	●	●
	R/C with back light	●	●
Health and Cleanliness	Titanium apatite deodorizing filter	●	●
	Mold proof air filter	●	●
	Wipe-clean flat panel	●	●
	Washable grille	—	—
Timer	WEEKLY TIMER operation	—	—
	24-hour ON/OFF TIMER	—	—
	Count up-down ON/OFF timer	●	●
	NIGHT SET mode	●	●
Worry Free (Reliability & Durability)	Auto-restart (after power failure)	●	●
	Self-diagnosis (R/C, LED)	●	●
Flexibility	Multi-split/split type compatible indoor unit	●	●
	Either side drain (left or right)	●	●
	°F/°C changeover R/C temperature display (factory setting: °F)	●	●
Remote Control	Remote control adaptor (normal open pulse contact)	Option	Option
	Remote control adaptor (normal open contact)	Option	Option
	DIII-NET compatible (adaptor)	Option	Option
	Wireless LAN connection	●	●
Remote Controller	Wireless	●	●
	Wired	Option	Option

Notes: ●: Available

—: Not available

2.2 Outdoor unit

Function	Standard		Cold Climate			
	2MXM	3/4/5MXM	2MXT	3/4/5MXT	2MXTH	3/4/5MXTH
Inverter (with inverter power control)	●	●	●	●	●	●
Operation limit	Refer to P. 34					
PAM control	●	●	●	●	●	●
Standby electricity saving	—	—	—	—	—	—
Swing compressor	●	●	●	●	●	●
Reluctance DC motor	●	●	●	●	●	●
NIGHT QUIET mode	●	●	●	●	●	●
QUIET OUTDOOR UNIT operation	●	●	●	●	●	●
Quick warming function	—	—	—	—	—	—
Automatic defrosting	●	●	●	●	●	●
Defrost learning control	—	—	—	—	—	—
Priority room setting	●	●	●	●	●	●
COOL/HEAT mode lock	●	●	●	●	●	●
Self-diagnosis (R/C, LED)	●	●	●	●	●	●
Wiring error check function	●	●	●	●	●	●
Anti-corrosion treatment of outdoor heat exchanger	●	●	●	●	●	●
Drain pan heater	Option	Option	Option	Option	●	●
Drain pan heater control by microcomputer	●	●	●	●	●	●
Chargeless	98.4 ft (30 m)	131.2 ft (40 m)	98.4 ft (30 m)	131.2 ft (40 m)	98.4 ft (30 m)	131.2 ft (40 m)
Low temp. cooling operation (−15°C) (5°F)	—	—	—	—	—	—

Notes: ●: Available
 —: Not available

3. Specification

3.1 Indoor unit

Model			CTXV07AVJU9		FTXV09AVJU9	
			Cooling	Heating	Cooling	Heating
Power Supply		Phase	1 ϕ		1 ϕ	
		Hz, V	60 Hz, 208 - 230 V		60 Hz, 208 - 230 V	
Rated Capacity			7 kBtu/h Class		9 kBtu/h Class	
Front Panel Color (Munsell No.)			White (N9.5)		White (N9.5)	
Airflow Rates	H	cfm (m ³ /min)	332 (9.4)	332 (9.4)	381 (10.8)	385 (10.9)
	M		268 (7.6)	279 (7.9)	272 (7.7)	304 (8.6)
	L		230 (6.5)	230 (6.5)	230 (6.5)	230 (6.5)
	SL		166 (4.7)	194 (5.5)	166 (4.7)	194 (5.5)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Drive Input	A	0.20		0.20	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downward		Right, Left, Horizontal, Downward	
Air Filter			Removable, Washable		Removable, Washable	
Running Current (Rated)		A	0.11 - 0.10	0.12 - 0.11	0.14 - 0.13	0.13 - 0.12
Power Consumption (Rated)		W	20 - 20	23 - 23	26 - 26	25 - 25
Power Factor (Rated)		%	87.0 - 90.3	94.0 - 91.3	90.4 - 86.2	90.9 - 87.3
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H × W × D)		in. (mm)	11-1/4 × 30-5/16 × 8-3/4 (286 × 770 × 223)		11-1/4 × 30-5/16 × 8-3/4 (286 × 770 × 223)	
Packaged Dimensions (H × W × D)		in. (mm)	12-5/8 × 32-11/16 × 14-3/16 (320 × 830 × 360)		12-5/8 × 32-11/16 × 14-3/16 (320 × 830 × 360)	
Weight (Mass)		lbs (kg)	19 (9)		19 (9)	
Gross Weight (Gross Mass)		lbs (kg)	24 (11)		24 (11)	
Sound Pressure Level	H / M / L / SL	dB(A)	40 / 35 / 31 / 24	39 / 34 / 28 / 25	43 / 35 / 31 / 24	41 / 35 / 28 / 25
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connection	Liquid	in. (mm)	ϕ 1/4 (ϕ 6.4)		ϕ 1/4 (ϕ 6.4)	
	Gas	in. (mm)	ϕ 3/8 (ϕ 9.5)		ϕ 3/8 (ϕ 9.5)	
	Drain	in. (mm)	ϕ 5/8 (ϕ 16)		ϕ 5/8 (ϕ 16)	
Drawing No.			3D153215A		3D153215A	
Note			SL: The quiet fan level of the airflow rate setting		SL: The quiet fan level of the airflow rate setting	

Model			FTXV12AVJU9		FTXV15AVJU9	
			Cooling	Heating	Cooling	Heating
Power Supply		Phase	1 ϕ		1 ϕ	
		Hz, V	60 Hz, 208 - 230 V		60 Hz, 208 - 230 V	
Rated Capacity			12 kBtu/h Class		15 kBtu/h Class	
Front Panel Color (Munsell No.)			White (N9.5)		White (N9.5)	
Airflow Rates	H	cfm (m ³ /min)	392 (11.1)	438 (12.4)	540 (15.3)	636 (18.0)
	M		293 (8.3)	318 (9.0)	470 (13.3)	537 (15.2)
	L		226 (6.4)	240 (6.8)	381 (10.8)	452 (12.8)
	SL		166 (4.7)	205 (5.8)	339 (9.6)	388 (11.0)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Drive Input	A	0.23		0.31	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downward		Right, Left, Horizontal, Downward	
Air Filter			Removable, Washable		Removable, Washable	
Running Current (Rated)		A	0.17 - 0.15	0.20 - 0.18	0.19 - 0.17	0.20 - 0.18
Power Consumption (Rated)		W	29 - 29	35 - 35	36 - 36	39 - 39
Power Factor (Rated)		%	81.3 - 84.7	83.7 - 82.7	91.1 - 93.5	93.8 - 92.3
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H × W × D)		in. (mm)	11-1/4 × 30-5/16 × 8-3/4 (286 × 770 × 223)		11-5/8 × 39 × 10-3/8 (295 × 990 × 263)	
Packaged Dimensions (H × W × D)		in. (mm)	12-5/8 × 32-11/16 × 14-3/16 (320 × 830 × 360)		15-3/16 × 43-3/8 × 15-5/16 (386 × 1,102 × 389)	
Weight (Mass)		lbs (kg)	19 (9)		27 (13)	
Gross Weight (Gross Mass)		lbs (kg)	24 (11)		37 (17)	
Sound Pressure Level	H / M / L / SL	dB(A)	45 / 37 / 31 / 24	45 / 37 / 30 / 26	45 / 41 / 36 / 33	45 / 41 / 37 / 33
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connection	Liquid	in. (mm)	ϕ 1/4 (ϕ 6.4)		ϕ 1/4 (ϕ 6.4)	
	Gas	in. (mm)	ϕ 3/8 (ϕ 9.5)		ϕ 1/2 (ϕ 12.7)	
	Drain	in. (mm)	ϕ 5/8 (ϕ 16)		ϕ 5/8 (ϕ 16)	
Drawing No.			3D153215A		3D153178A	
Note			SL: The quiet fan level of the airflow rate setting		SL: The quiet fan level of the airflow rate setting	

Conversion Formulae

kcal/h = kW × 860
 Btu/h = kW × 3412
 cfm = m³/min × 35.3

Model			FTXV18AVJU9		FTXV24AVJU9	
			Cooling	Heating	Cooling	Heating
Power Supply		Phase	1 ϕ		1 ϕ	
		Hz, V	60 Hz, 208 - 230 V		60 Hz, 208 - 230 V	
Rated Capacity			18 kBtu/h Class		24 kBtu/h Class	
Front Panel Color (Munsell No.)			White (N9.5)		White (N9.5)	
Airflow Rates	H	cfm (m ³ /min)	565 (16.0)	717 (20.3)	629 (17.8)	717 (20.3)
	M		463 (13.1)	572 (16.2)	501 (14.2)	572 (16.2)
	L		378 (10.7)	452 (12.8)	378 (10.7)	466 (13.2)
	SL		335 (9.5)	388 (11.0)	335 (9.5)	413 (11.7)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Drive Input	A	0.40		0.45	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downward		Right, Left, Horizontal, Downward	
Air Filter			Removable, Washable		Removable, Washable	
Running Current (Rated)		A	0.20 - 0.18	0.29 - 0.26	0.31 - 0.28	0.30 - 0.27
Power Consumption (Rated)		W	39 - 39	54 - 54	57 - 57	55 - 55
Power Factor (Rated)		%	93.8 - 92.5	89.5 - 89.3	88.4 - 88.7	88.1 - 89.3
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H × W × D)		in. (mm)	11-5/8 × 39 × 10-3/8 (295 × 990 × 263)		11-5/8 × 39 × 10-3/8 (295 × 990 × 263)	
Packaged Dimensions (H × W × D)		in. (mm)	15-3/16 × 43-3/8 × 15-5/16 (386 × 1,102 × 389)		15-3/16 × 43-3/8 × 15-5/16 (386 × 1,102 × 389)	
Weight (Mass)		lbs (kg)	27 (13)		27 (13)	
Gross Weight (Gross Mass)		lbs (kg)	37 (17)		37 (17)	
Sound Pressure Level	H / M / L / SL	dB(A)	48 / 43 / 38 / 33	49 / 42 / 37 / 33	52 / 45 / 39 / 34	49 / 43 / 38 / 34
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connection	Liquid	in. (mm)	ϕ 1/4 (ϕ 6.4)		ϕ 1/4 (ϕ 6.4)	
	Gas	in. (mm)	ϕ 1/2 (ϕ 12.7)		ϕ 5/8 (ϕ 15.9)	
	Drain	in. (mm)	ϕ 5/8 (ϕ 16)		ϕ 5/8 (ϕ 16)	
Drawing No.			3D153178A		3D153178A	
Note			SL: The quiet fan level of the airflow rate setting		SL: The quiet fan level of the airflow rate setting	

Conversion Formulae

kcal/h = kW × 860
 Btu/h = kW × 3412
 cfm = m³/min × 35.3

3.2 Outdoor unit

Model			2MXM18AVJU9		3MXM24AVJU9	
			Cooling	Heating	Cooling	Heating
Power Supply		Phase	1φ		1φ	
		Hz, V	60 Hz, 208 - 230 V		60 Hz, 208 - 230 V	
COP@5°F		W/W	—	1.8	—	1.8
EER2		Btu/W-h	12.0	—	12.0	—
SEER2			21.0	—	21.0	—
HSPF2			—	10.0	—	10.0
Casing Color			Ivory White		Ivory White	
Compressor	Type		Hermetically Sealed Swing Type		Hermetically Sealed Swing Type	
	Model		2Y147BKBX1A		2Y260BPAX1A	
	Motor Output	W	1,300		2,400	
Refrigerant Oil	Model		FW68DA		FW68DA	
	Charge	fl oz (L)	22.0 (0.65)		30.4 (0.9)	
Refrigerant	Type		R-32		R-32	
	Charge	lbs (kg)	3.3 (1.50)		4.9 (2.2)	
Airflow Rates		cfm	2,112	2,140	2,055	2,140
		m³/min	59.8	60.6	58.2	60.6
Fan	Type		Propeller		Propeller	
	Motor Output	W	150		150	
	Running Current	A	0.31	0.33	0.29	0.33
	Power Consumption	W	65.4	67.7	61.0	67.7
Starting Current		A	14.0		17.0	
Dimensions (H × W × D)		in. (mm)	29-1/2 × 34-1/4 × 12-5/8 (750 × 870 × 320)		29-1/2 × 34-1/4 × 12-5/8 (750 × 870 × 320)	
Packaged Dimensions (H × W × D)		in. (mm)	32-1/16 × 40-5/16 × 16 (814 × 1,024 × 406)		32-1/16 × 40-5/16 × 16 (814 × 1,024 × 406)	
Weight (Mass)		lbs (kg)	127 (58)		140 (64)	
Gross Weight (Gross Mass)		lbs (kg)	135 (61)		148 (67)	
Sound Pressure Level		dB(A)	52	54	52	54
Piping Connection	Liquid	in. (mm)	φ 1/4 × 2 (φ 6.4 × 2)		φ 1/4 × 3 (φ 6.4 × 3)	
	Gas	in. (mm)	φ 3/8 × 1, φ 1/2 × 1 (φ 9.5 × 1, φ 12.7 × 1)		φ 3/8 × 1, φ 1/2 × 2 (φ 9.5 × 1, φ 12.7 × 2)	
	Drain	in. (mm)	I.D. φ 5/8 (φ 15.9)		I.D. φ 5/8 (φ 15.9)	
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
No. of Wiring Connections			3 for Power Supply, 4 for Interunit Wiring (Including Ground Wiring)		3 for Power Supply, 4 for Interunit Wiring (Including Ground Wiring)	
Max. Interunit Piping Length	ft (m)		164 (50) (for Total of Each Room)		230 (70) (for Total of Each Room)	
	ft (m)		82 (25) (for One Room)		82 (25) (for One Room)	
Amount of Additional Charge		oz/ft (g/m)	0.22 (20) (98-3/8 ft (30 m) or more)		0.22 (20) (131-1/4 ft (40 m) or more)	
Max. Installation Height Difference	ft (m)		49-1/4 (15) (Between Indoor Unit and Outdoor Unit)		49-1/4 (15) (Between Indoor Unit and Outdoor Unit)	
	ft (m)		24-5/8 (7.5) (Between Indoor Units)		24-5/8 (7.5) (Between Indoor Units)	
Conditions Based on			Indoor : 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB)	Indoor : 70°FDB (21°CDB) / 60°FWB (15.6°CWB)	Indoor : 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB)	Indoor : 70°FDB (21°CDB) / 60°FWB (15.6°CWB)
			Outdoor : 95°FDB (35°CDB) / 75°FWB (24°CWB)	Outdoor : 47°FDB (8.3°CDB) / 43°FWB (6°CWB)	Outdoor : 95°FDB (35°CDB) / 75°FWB (24°CWB)	Outdoor : 47°FDB (8.3°CDB) / 43°FWB (6°CWB)
			Piping length: 25 ft (7.5 m)		Piping length: 25 ft (7.5 m)	
Drawing No.			C: 3D151521A		C: 3D152057A	

Conversion Formulae

kcal/h = kW × 860
 Btu/h = kW × 3412
 cfm = m³/min × 35.3

Model			4MXM36AVJU9		5MXM48AVJU9	
			Cooling	Heating	Cooling	Heating
Power Supply		Phase	1 ϕ		1 ϕ	
		Hz, V	60 Hz, 208 - 230 V		60 Hz, 208 - 230 V	
COP@5°F		W/W	—	1.8	—	1.9
EER2		Btu/W-h	10.0	—	10.0	—
SEER2			20.0	—	20.0	—
HSPF2			—	9.5	—	9.5
Casing Color			Ivory White		Ivory White	
Compressor	Type		Hermetically Sealed Swing Type		Hermetically Sealed Swing Type	
	Model		2Y260BPAX1A		2Y350BPCX2A	
	Motor Output	W	2,400		3,300	
Refrigerant Oil	Model		FW68DA		FW68DE	
	Charge	fl oz (L)	30.4 (0.9)		51.4 (1.52)	
Refrigerant	Type		R-32		R-32	
	Charge	lbs (kg)	4.9 (2.2)		6.94 (3.15)	
Airflow Rates		cfm	2,402	2,518	3,137	3,137
		m³/min	68.0	71.3	88.7	88.7
Fan	Type		Propeller		Propeller	
	Motor Output	W	150		192	
	Running Current	A	0.44	0.49	0.48	0.48
	Power Consumption	W	90.9	102.7	99.5	99.5
Starting Current		A	18.5		27.0	
Dimensions (H × W × D)		in. (mm)	29-1/2 × 34-1/4 × 12-5/8 (750 × 870 × 320)		34-1/4 × 43-5/16 × 18-1/8 (870 × 1,100 × 460)	
Packaged Dimensions (H × W × D)		in. (mm)	32-1/16 × 40-5/16 × 16 (814 × 1,024 × 406)		39-15/16 × 46-7/8 × 21-15/16 (1,014 × 1,190 × 558)	
Weight (Mass)		lbs (kg)	142 (65)		219 (100)	
Gross Weight (Gross Mass)		lbs (kg)	150 (68)		238 (108)	
Sound Pressure Level		dB(A)	56	60	55	57
Piping Connection	Liquid	in. (mm)	ϕ 1/4 × 4 (ϕ 6.4 × 4)		ϕ 1/4 × 5 (ϕ 6.4 × 5)	
	Gas	in. (mm)	ϕ 3/8 × 1, ϕ 1/2 × 2, ϕ 5/8 × 1 (ϕ 9.5 × 1, ϕ 12.7 × 2, ϕ 15.9 × 1)		ϕ 3/8 × 1, ϕ 1/2 × 2, ϕ 5/8 × 2 (ϕ 9.5 × 1, ϕ 12.7 × 2, ϕ 15.9 × 2)	
	Drain	in. (mm)	I.D. ϕ 5/8 (ϕ 15.9)		I.D. ϕ 1 (ϕ 25)	
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
No. of Wiring Connections			3 for Power Supply, 4 for Interunit Wiring (Including Ground Wiring)		3 for Power Supply, 4 for Interunit Wiring (Including Ground Wiring)	
Max. Interunit Piping Length	ft (m)		230 (70) (for Total of Each Room)		262 (80) (for Total of Each Room)	
	ft (m)		82 (25) (for One Room)		98 (30) (for One Room)	
Amount of Additional Charge		oz/ft (g/m)	0.22 (20) (131-1/4 ft (40 m) or more)		0.22 (20) (131-1/4 ft (40 m) or more)	
Max. Installation Height Difference	ft (m)		49-1/4 (15) (Between Indoor Unit and Outdoor Unit)		49-1/4 (15) (Between Indoor Unit and Outdoor Unit)	
	ft (m)		24-5/8 (7.5) (Between Indoor Units)		24-5/8 (7.5) (Between Indoor Units)	
Conditions Based on			Indoor : 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB)	Indoor : 70°FDB (21°CDB) / 60°FWB (15.6°CWB)	Indoor : 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB)	Indoor : 70°FDB (21°CDB) / 60°FWB (15.6°CWB)
			Outdoor : 95°FDB (35°CDB) / 75°FWB (24°CWB)	Outdoor : 47°FDB (8.3°CDB) / 43°FWB (6°CWB)	Outdoor : 95°FDB (35°CDB) / 75°FWB (24°CWB)	Outdoor : 47°FDB (8.3°CDB) / 43°FWB (6°CWB)
			Piping length: 25 ft (7.5 m)		Piping length: 25 ft (7.5 m)	
Drawing No.			C: 3D151522A		C: 3D158480	

Conversion Formulae

kcal/h = kW × 860
 Btu/h = kW × 3412
 cfm = m³/min × 35.3

Model			2MXT18AVJU9		2MXTH18AVJU9	
			Cooling	Heating	Cooling	Heating
Power Supply		Phase	1 ϕ		1 ϕ	
		Hz, V	60 Hz, 208 - 230 V		60 Hz, 208 - 230 V	
COP@5°F		W/W	—	1.8	—	1.8
EER2		Btu/W·h	12.0	—	12.0	—
SEER2			21.0	—	21.0	—
HSPF2			—	10.0	—	10.0
Casing Color			Ivory White		Ivory White	
Compressor	Type		Hermetically Sealed Swing Type		Hermetically Sealed Swing Type	
	Model		2Y260BPAX1A		2Y260BPAX1A	
	Motor Output	W	2,400		2,400	
Refrigerant Oil	Model		FW68DA		FW68DA	
	Charge	fl oz (L)	30.4 (0.9)		30.4 (0.9)	
Refrigerant	Type		R-32		R-32	
	Charge	lbs (kg)	4.9 (2.2)		4.9 (2.2)	
Airflow Rates		cfm	2,112	2,140	2,112	2,140
		m³/min	59.8	60.6	59.8	60.6
Fan	Type		Propeller		Propeller	
	Motor Output	W	150		150	
	Running Current	A	0.31	0.33	0.31	0.33
	Power Consumption	W	65.4	67.7	65.4	67.7
Starting Current		A	17.0		17.0	
Dimensions (H × W × D)		in. (mm)	29-1/2 × 34-1/4 × 12-5/8 (750 × 870 × 320)		29-1/2 × 34-1/4 × 12-5/8 (750 × 870 × 320)	
Packaged Dimensions (H × W × D)		in. (mm)	32-1/16 × 40-5/16 × 16 (814 × 1,024 × 406)		32-1/16 × 40-5/16 × 16 (814 × 1,024 × 406)	
Weight (Mass)		lbs (kg)	139 (63)		140 (64)	
Gross Weight (Gross Mass)		lbs (kg)	147 (67)		148 (67)	
Sound Pressure Level		dB(A)	52	54	52	54
Piping Connection	Liquid	in. (mm)	ϕ 1/4 × 2 (ϕ 6.4 × 2)		ϕ 1/4 × 2 (ϕ 6.4 × 2)	
	Gas	in. (mm)	ϕ 3/8 × 1, ϕ 1/2 × 1 (ϕ 9.5 × 1, ϕ 12.7 × 1)		ϕ 3/8 × 1, ϕ 1/2 × 1 (ϕ 9.5 × 1, ϕ 12.7 × 1)	
	Drain	in. (mm)	I.D. ϕ 5/8 (ϕ 15.9)		I.D. ϕ 5/8 (ϕ 15.9)	
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
No. of Wiring Connections			3 for Power Supply, 4 for Interunit Wiring (Including Ground Wiring)		3 for Power Supply, 4 for Interunit Wiring (Including Ground Wiring)	
Max. Interunit Piping Length	ft (m)		164 (50) (for Total of Each Room)		164 (50) (for Total of Each Room)	
	ft (m)		82 (25) (for One Room)		82 (25) (for One Room)	
Amount of Additional Charge		oz/ft (g/m)	0.22 (20) (98-3/8 ft (30 m) or more)		0.22 (20) (98-3/8 ft (30 m) or more)	
Max. Installation Height Difference	ft (m)		49-1/4 (15) (Between Indoor Unit and Outdoor Unit)		49-1/4 (15) (Between Indoor Unit and Outdoor Unit)	
	ft (m)		24-5/8 (7.5) (Between Indoor Units)		24-5/8 (7.5) (Between Indoor Units)	
Conditions Based on			Indoor : 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB)	Indoor : 70°FDB (21°CDB) / 60°FWB (15.6°CWB)	Indoor : 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB)	Indoor : 70°FDB (21°CDB) / 60°FWB (15.6°CWB)
			Outdoor : 95°FDB (35°CDB) / 75°FWB (24°CWB)	Outdoor : 47°FDB (8.3°CDB) / 43°FWB (6°CWB)	Outdoor : 95°FDB (35°CDB) / 75°FWB (24°CWB)	Outdoor : 47°FDB (8.3°CDB) / 43°FWB (6°CWB)
			Piping length: 25 ft (7.5 m)		Piping length: 25 ft (7.5 m)	
Drawing No.			C: 3D152058A		C: 3D151523A	

Conversion Formulae

kcal/h = kW × 860
 Btu/h = kW × 3412
 cfm = m³/min × 35.3

Model			3MXT24AVJU9		3MXTH24AVJU9	
			Cooling	Heating	Cooling	Heating
Power Supply		Phase	1 ϕ		1 ϕ	
		Hz, V	60 Hz, 208 - 230 V		60 Hz, 208 - 230 V	
COP@5°F		W/W	—	1.9	—	1.8
EER2		Btu/W·h	12.5	—	12.5	—
SEER2			19.0	—	19.0	—
HSPF2			—	9.5	—	9.5
Casing Color			Ivory White		Ivory White	
Compressor	Type		Hermetically Sealed Swing Type		Hermetically Sealed Swing Type	
	Model		2Y350BPCX2A		2Y350BPCX2A	
	Motor Output	W	3,300		3,300	
Refrigerant Oil	Model		FW68DE		FW68DE	
	Charge	fl oz (L)	51.4 (1.52)		51.4 (1.52)	
Refrigerant	Type		R-32		R-32	
	Charge	lbs (kg)	6.94 (3.15)		6.94 (3.15)	
Airflow Rates		cfm	3,137	3,137	3,137	3,137
		m³/min	88.7	88.7	88.7	88.7
Fan	Type		Propeller		Propeller	
	Motor Output	W	192		192	
	Running Current	A	0.48	0.48	0.48	0.48
	Power Consumption	W	99.5	99.5	99.5	99.5
Starting Current		A	25.0		25.0	
Dimensions (H × W × D)		in. (mm)	34-1/4 × 43-5/16 × 18-1/8 (870 × 1,100 × 460)		34-1/4 × 43-5/16 × 18-1/8 (870 × 1,100 × 460)	
Packaged Dimensions (H × W × D)		in. (mm)	39-15/16 × 46-7/8 × 21-15/16 (1,014 × 1,190 × 558)		39-15/16 × 46-7/8 × 21-15/16 (1,014 × 1,190 × 558)	
Weight (Mass)		lbs (kg)	213 (97)		215 (97)	
Gross Weight (Gross Mass)		lbs (kg)	231 (105)		233 (106)	
Sound Pressure Level		dB(A)	55	57	55	57
Piping Connection	Liquid	in. (mm)	ϕ 1/4 × 3 (ϕ 6.4 × 3)		ϕ 1/4 × 3 (ϕ 6.4 × 3)	
	Gas	in. (mm)	ϕ 3/8 × 1, ϕ 1/2 × 2 (ϕ 9.5 × 1, ϕ 12.7 × 2)		ϕ 3/8 × 1, ϕ 1/2 × 2 (ϕ 9.5 × 1, ϕ 12.7 × 2)	
	Drain	in. (mm)	I.D. ϕ 1 (ϕ 25)		I.D. ϕ 1 (ϕ 25)	
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
No. of Wiring Connections			3 for Power Supply, 4 for Interunit Wiring (Including Ground Wiring)		3 for Power Supply, 4 for Interunit Wiring (Including Ground Wiring)	
Max. Interunit Piping Length	ft (m)		230 (70) (for Total of Each Room)		230 (70) (for Total of Each Room)	
	ft (m)		82 (25) (for One Room)		82 (25) (for One Room)	
Amount of Additional Charge		oz/ft (g/m)	0.22 (20) (131-1/4 ft (40 m) or more)		0.22 (20) (131-1/4 ft (40 m) or more)	
Max. Installation Height Difference	ft (m)		49-1/4 (15) (Between Indoor Unit and Outdoor Unit)		49-1/4 (15) (Between Indoor Unit and Outdoor Unit)	
	ft (m)		24-5/8 (7.5) (Between Indoor Units)		24-5/8 (7.5) (Between Indoor Units)	
Conditions Based on			Indoor : 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB)	Indoor : 70°FDB (21°CDB) / 60°FWB (15.6°CWB)	Indoor : 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB)	Indoor : 70°FDB (21°CDB) / 60°FWB (15.6°CWB)
			Outdoor : 95°FDB (35°CDB) / 75°FWB (24°CWB)	Outdoor : 47°FDB (8.3°CDB) / 43°FWB (6°CWB)	Outdoor : 95°FDB (35°CDB) / 75°FWB (24°CWB)	Outdoor : 47°FDB (8.3°CDB) / 43°FWB (6°CWB)
			Piping length: 25 ft (7.5 m)		Piping length: 25 ft (7.5 m)	
Drawing No.			C: 3D158476		C: 3D158477	

Conversion Formulae

kcal/h = kW × 860
 Btu/h = kW × 3412
 cfm = m³/min × 35.3

Model			4MXT36AVJU9		4MXTH36AVJU9	
			Cooling	Heating	Cooling	Heating
Power Supply		Phase	1 ϕ		1 ϕ	
		Hz, V	60 Hz, 208 - 230 V		60 Hz, 208 - 230 V	
COP@5°F		W/W	—	1.9	—	1.9
EER2		Btu/W·h	12.0	—	12.0	—
SEER2			20.0	—	20.0	—
HSPF2			—	9.5	—	9.5
Casing Color			Ivory White		Ivory White	
Compressor	Type		Hermetically Sealed Swing Type		Hermetically Sealed Swing Type	
	Model		2Y350BPCX2A		2Y350BPCX2A	
	Motor Output	W	3,300		3,300	
Refrigerant Oil	Model		FW68DE		FW68DE	
	Charge	fl oz (L)	51.4 (1.52)		51.4 (1.52)	
Refrigerant	Type		R-32		R-32	
	Charge	lbs (kg)	6.94 (3.15)		6.94 (3.15)	
Airflow Rates		cfm	3,137	3,137	3,137	3,137
		m³/min	88.7	88.7	88.7	88.7
Fan	Type		Propeller		Propeller	
	Motor Output	W	192		192	
	Running Current	A	0.48	0.48	0.48	0.48
	Power Consumption	W	99.5	99.5	99.5	99.5
Starting Current		A	27.0		27.0	
Dimensions (H × W × D)		in. (mm)	34-1/4 × 43-5/16 × 18-1/8 (870 × 1,100 × 460)		34-1/4 × 43-5/16 × 18-1/8 (870 × 1,100 × 460)	
Packaged Dimensions (H × W × D)		in. (mm)	39-15/16 × 46-7/8 × 21-15/16 (1,014 × 1,190 × 558)		39-15/16 × 46-7/8 × 21-15/16 (1,014 × 1,190 × 558)	
Weight (Mass)		lbs (kg)	216 (98)		218 (99)	
Gross Weight (Gross Mass)		lbs (kg)	234 (106)		236 (107)	
Sound Pressure Level		dB(A)	55	57	55	57
Piping Connection	Liquid	in. (mm)	ϕ 1/4 × 4 (ϕ 6.4 × 4)		ϕ 1/4 × 4 (ϕ 6.4 × 4)	
	Gas	in. (mm)	ϕ 3/8 × 1, ϕ 1/2 × 2, ϕ 5/8 × 1 (ϕ 9.5 × 1, ϕ 12.7 × 2, ϕ 15.9 × 1)		ϕ 3/8 × 1, ϕ 1/2 × 2, ϕ 5/8 × 1 (ϕ 9.5 × 1, ϕ 12.7 × 2, ϕ 15.9 × 1)	
	Drain	in. (mm)	I.D. ϕ 1 (ϕ 25)		I.D. ϕ 1 (ϕ 25)	
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
No. of Wiring Connections			3 for Power Supply, 4 for Interunit Wiring (Including Ground Wiring)		3 for Power Supply, 4 for Interunit Wiring (Including Ground Wiring)	
Max. Interunit Piping Length	ft (m)		230 (70) (for Total of Each Room)		230 (70) (for Total of Each Room)	
	ft (m)		98 (30) (for One Room)		98 (30) (for One Room)	
Amount of Additional Charge		oz/ft (g/m)	0.22 (20) (131-1/4 ft (40 m) or more)		0.22 (20) (131-1/4 ft (40 m) or more)	
Max. Installation Height Difference	ft (m)		49-1/4 (15) (Between Indoor Unit and Outdoor Unit)		49-1/4 (15) (Between Indoor Unit and Outdoor Unit)	
	ft (m)		24-5/8 (7.5) (Between Indoor Units)		24-5/8 (7.5) (Between Indoor Units)	
Conditions Based on			Indoor : 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB)	Indoor : 70°FDB (21°CDB) / 60°FWB (15.6°CWB)	Indoor : 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB)	Indoor : 70°FDB (21°CDB) / 60°FWB (15.6°CWB)
			Outdoor : 95°FDB (35°CDB) / 75°FWB (24°CWB)	Outdoor : 47°FDB (8.3°CDB) / 43°FWB (6°CWB)	Outdoor : 95°FDB (35°CDB) / 75°FWB (24°CWB)	Outdoor : 47°FDB (8.3°CDB) / 43°FWB (6°CWB)
			Piping length: 25 ft (7.5 m)		Piping length: 25 ft (7.5 m)	
Drawing No.			C: 3D158478		C: 3D158479	

Conversion Formulae

kcal/h = kW × 860
 Btu/h = kW × 3412
 cfm = m³/min × 35.3

Model			5MXT40AVJU9		5MXTH40AVJU9	
			Cooling	Heating	Cooling	Heating
Power Supply		Phase	1 ϕ		1 ϕ	
		Hz, V	60 Hz, 208 - 230 V		60 Hz, 208 - 230 V	
COP@5°F		W/W	—	1.9	—	1.9
EER2		Btu/W·h	11.7	—	11.7	—
SEER2			20.0	—	20.0	—
HSPF2			—	9.5	—	9.5
Casing Color			Ivory White		Ivory White	
Compressor	Type		Hermetically Sealed Swing Type		Hermetically Sealed Swing Type	
	Model		2Y350BPCX2A		2Y350BPCX2A	
	Motor Output	W	3,300		3,300	
Refrigerant Oil	Model		FW68DE		FW68DE	
	Charge	fl oz (L)	51.4 (1.52)		51.4 (1.52)	
Refrigerant	Type		R-32		R-32	
	Charge	lbs (kg)	6.94 (3.15)		6.94 (3.15)	
Airflow Rates		cfm	3,137	3,137	3,137	3,137
		m³/min	88.7	88.7	88.7	88.7
Fan	Type		Propeller		Propeller	
	Motor Output	W	192		192	
	Running Current	A	0.48	0.48	0.48	0.48
	Power Consumption	W	99.5	99.5	99.5	99.5
Starting Current		A	27.0		27.0	
Dimensions (H × W × D)		in. (mm)	34-1/4 × 43-5/16 × 18-1/8 (870 × 1,100 × 460)		34-1/4 × 43-5/16 × 18-1/8 (870 × 1,100 × 460)	
Packaged Dimensions (H × W × D)		in. (mm)	39-15/16 × 46-7/8 × 21-15/16 (1,014 × 1,190 × 558)		39-15/16 × 46-7/8 × 21-15/16 (1,014 × 1,190 × 558)	
Weight (Mass)		lbs (kg)	219 (100)		221 (100)	
Gross Weight (Gross Mass)		lbs (kg)	238 (108)		239 (108)	
Sound Pressure Level		dB(A)	55	57	55	57
Piping Connection	Liquid	in. (mm)	ϕ 1/4 × 5 (ϕ 6.4 × 5)		ϕ 1/4 × 5 (ϕ 6.4 × 5)	
	Gas	in. (mm)	ϕ 3/8 × 1, ϕ 1/2 × 2, ϕ 5/8 × 2 (ϕ 9.5 × 1, ϕ 12.7 × 2, ϕ 15.9 × 2)		ϕ 3/8 × 1, ϕ 1/2 × 2, ϕ 5/8 × 2 (ϕ 9.5 × 1, ϕ 12.7 × 2, ϕ 15.9 × 2)	
	Drain	in. (mm)	I.D. ϕ 1 (ϕ 25)		I.D. ϕ 1 (ϕ 25)	
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
No. of Wiring Connections			3 for Power Supply, 4 for Interunit Wiring (Including Ground Wiring)		3 for Power Supply, 4 for Interunit Wiring (Including Ground Wiring)	
Max. Interunit Piping Length	ft (m)		262 (80) (for Total of Each Room)		262 (80) (for Total of Each Room)	
	ft (m)		98 (30) (for One Room)		98 (30) (for One Room)	
Amount of Additional Charge		oz/ft (g/m)	0.22 (20) (131-1/4 ft (40 m) or more)		0.22 (20) (131-1/4 ft (40 m) or more)	
Max. Installation Height Difference	ft (m)		49-1/4 (15) (Between Indoor Unit and Outdoor Unit)		49-1/4 (15) (Between Indoor Unit and Outdoor Unit)	
	ft (m)		24-5/8 (7.5) (Between Indoor Units)		24-5/8 (7.5) (Between Indoor Units)	
Conditions Based on			Indoor : 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB)	Indoor : 70°FDB (21°CDB) / 60°FWB (15.6°CWB)	Indoor : 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB)	Indoor : 70°FDB (21°CDB) / 60°FWB (15.6°CWB)
			Outdoor : 95°FDB (35°CDB) / 75°FWB (24°CWB)	Outdoor : 47°FDB (8.3°CDB) / 43°FWB (6°CWB)	Outdoor : 95°FDB (35°CDB) / 75°FWB (24°CWB)	Outdoor : 47°FDB (8.3°CDB) / 43°FWB (6°CWB)
			Piping length: 25 ft (7.5 m)		Piping length: 25 ft (7.5 m)	
Drawing No.			C: 3D158484		C: 3D158481	

Conversion Formulae

kcal/h = kW × 860
 Btu/h = kW × 3412
 cfm = m³/min × 35.3

3.3 Combination Capacity

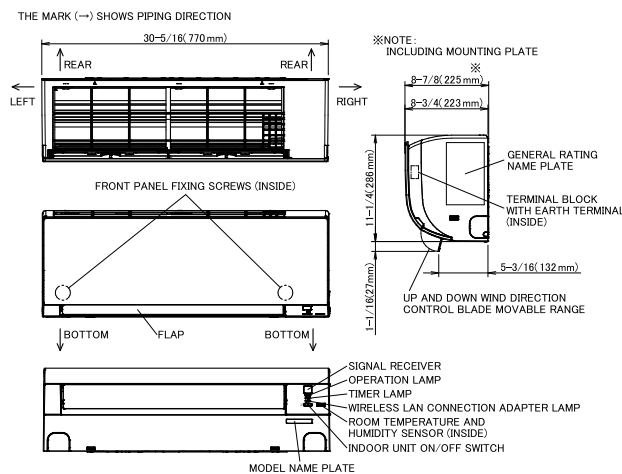
Refer to Engineering Data books below for the Combination Capacity.

Type	Model Name	Reference
Standard type	2MXM18AVJU9 3MXM24AVJU9 4MXM36AVJU9 5MXM48AVJU9	EDUS122403
Cold climate type	2MXT18AVJU9 3MXT24AVJU9 4MXT36AVJU9 5MXT40AVJU9 2MXTH18AVJU9 3MXTH24AVJU9 4MXTH36AVJU9 5MXTH40AVJU9	EDUS122404

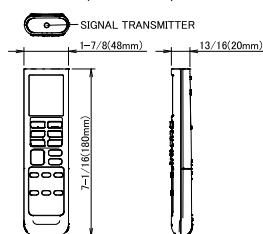
4. Dimensions

4.1 Indoor unit

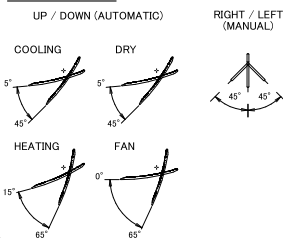
CTXV07AVJU9, FTXV09/12AVJU9



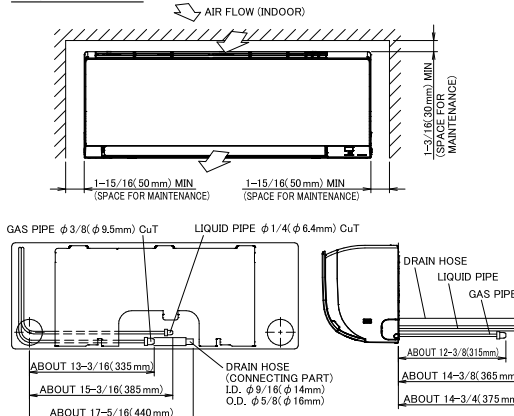
WIRELESS REMOTE CONTROLLER (ARC480A83)



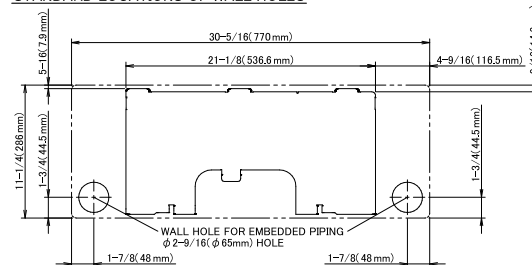
BLADE ANGLE



REQUIRED SPACE

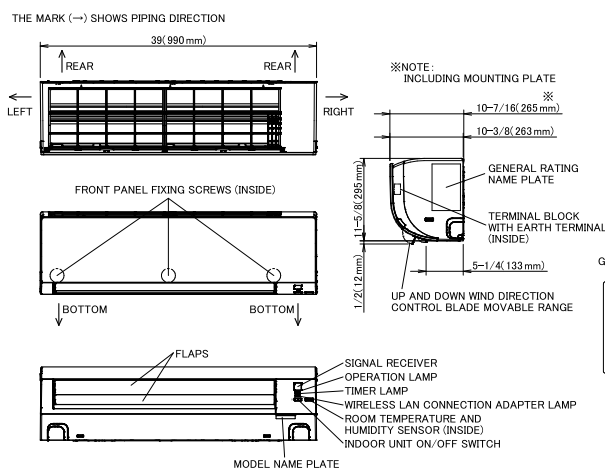


STANDARD LOCATIONS OF WALL HOLES

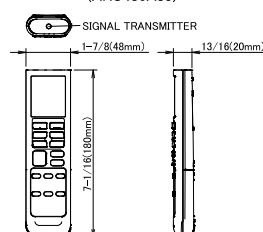


3D150958A

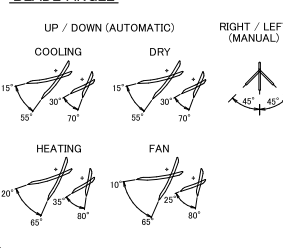
FTXV15/18AVJU9



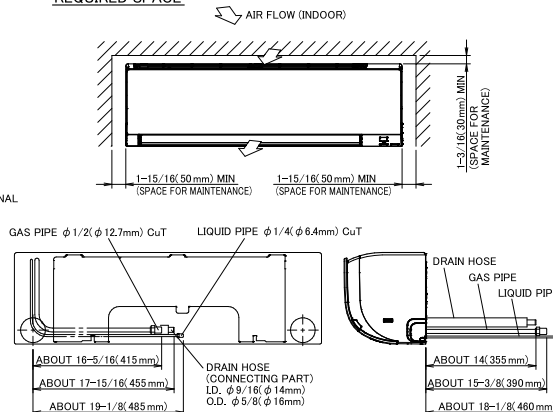
WIRELESS REMOTE CONTROLLER (ARC480A83)



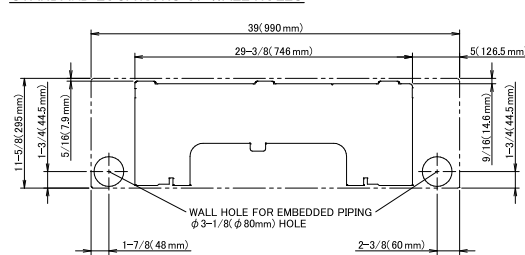
BLADE ANGLE



REQUIRED SPACE

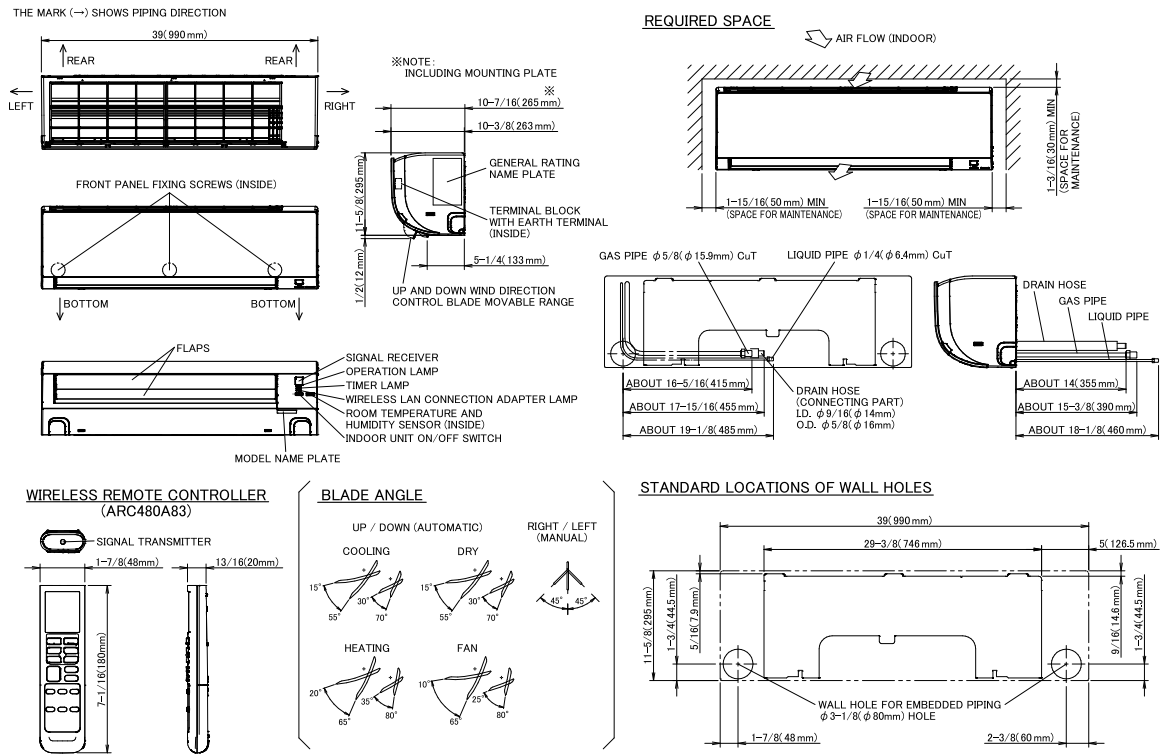


STANDARD LOCATIONS OF WALL HOLES



3D150966A

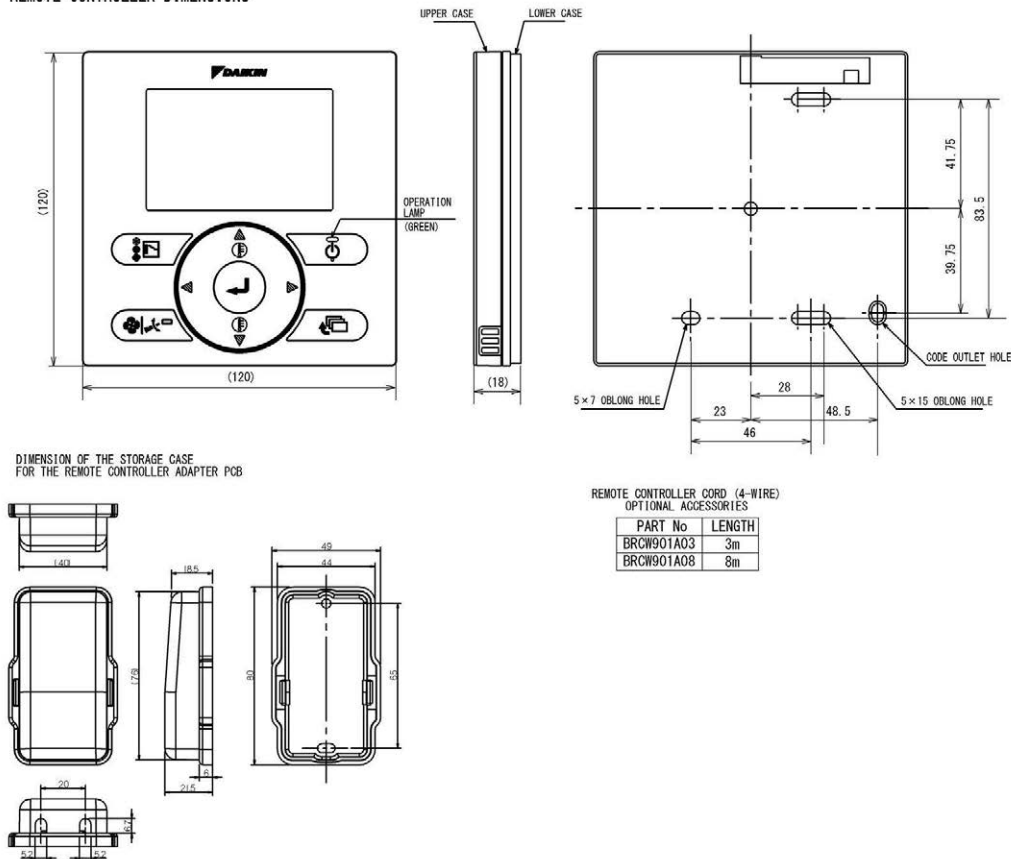
FTXV24AVJU9



3D150967A

BRC073A6 — Wired Remote Controller (Option) —

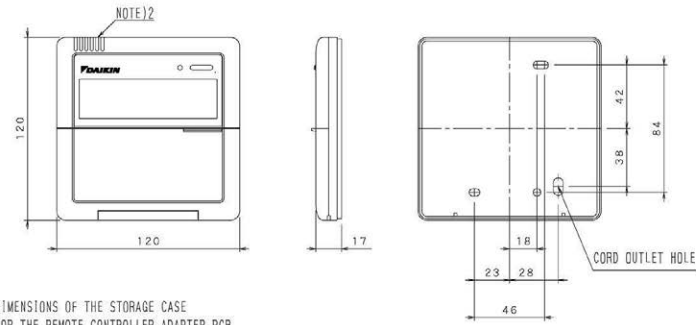
REMOTE CONTROLLER DIMENSIONS



3D152615

BRC944B2 — Wired Remote Controller (Option) —

• REMOTE CONTROLLER DIMENSIONS

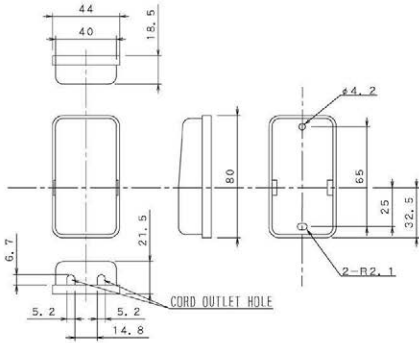


NOTE) 1. REMOTE CONTROLLER CORD AND STAPLE ARE NOT ATTACHED,
2. ROOM TEMPERATURE THERMISTOR IS NOT ATTACHED.

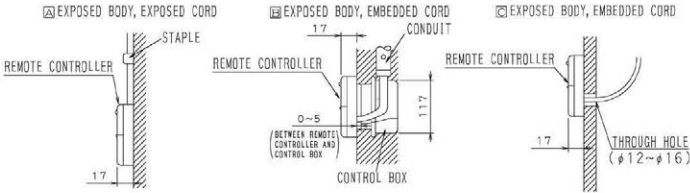
REMOTE CONTROLLER CORD (4-WIRE) OPTIONAL ACCESSORIES

PART NO.	LENGTH
BRCWS01A03	3m
BRCWS01A08	8m

• DIMENSIONS OF THE STORAGE CASE FOR THE REMOTE CONTROLLER ADAPTER PCB



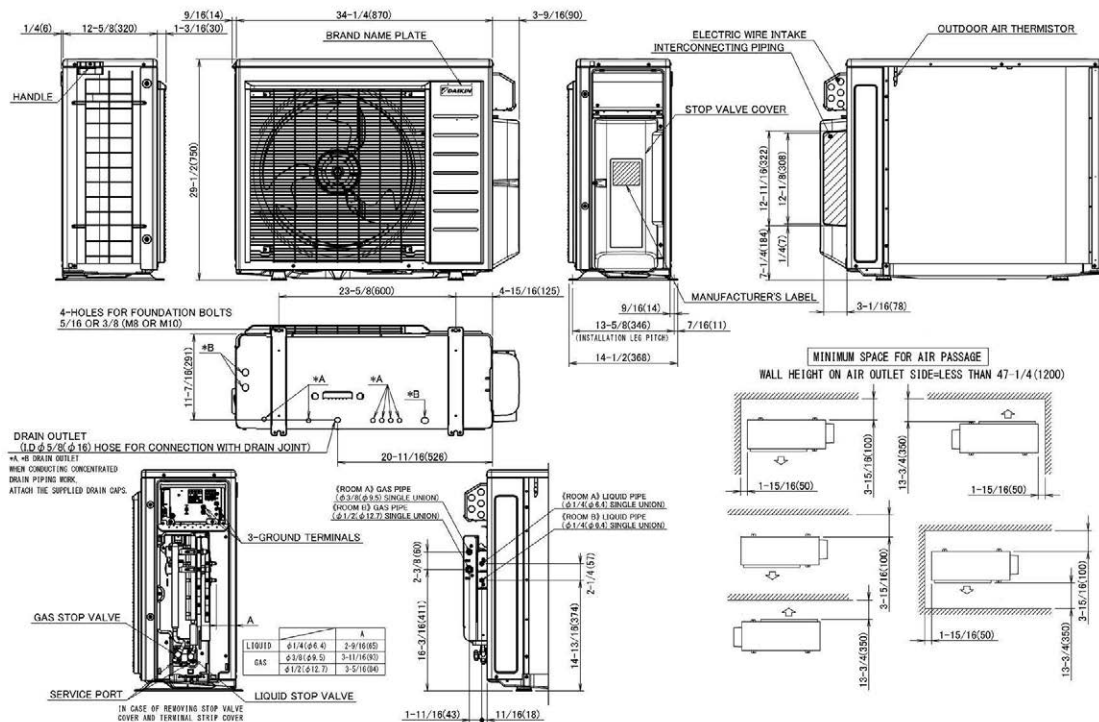
• INSTALLATION METHOD



3D062374

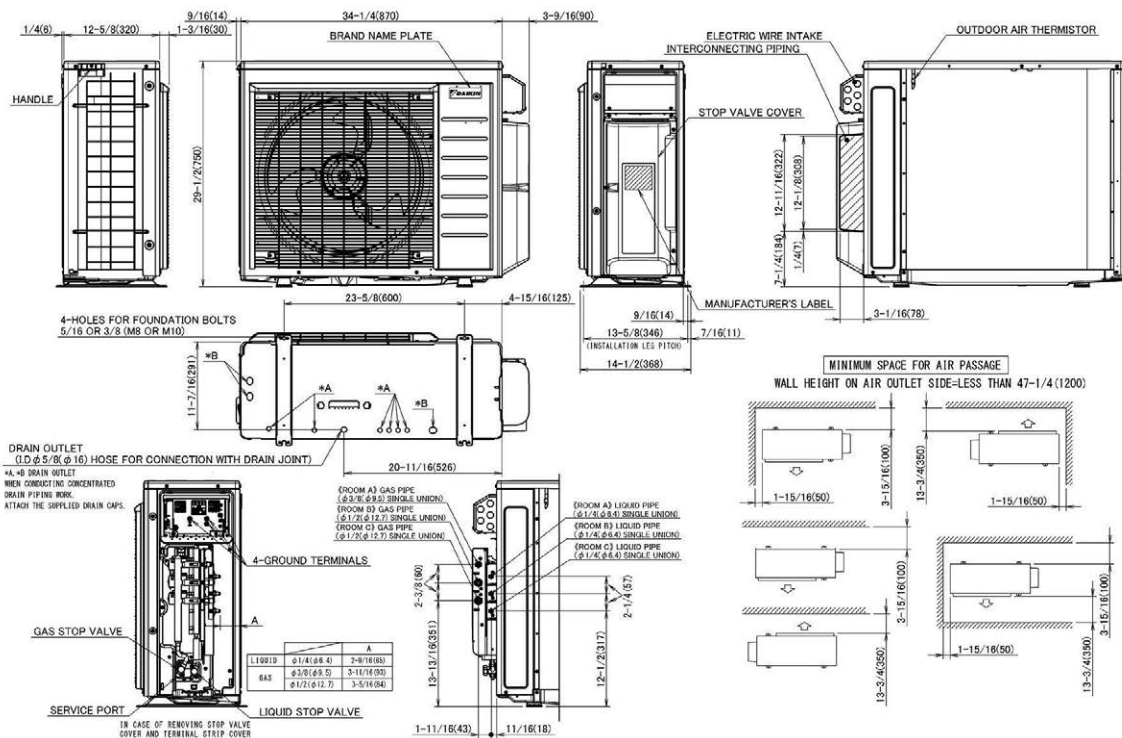
4.2 Outdoor unit

2MXM18AVJU9, 2MXT18AVJU9, 2MXTH18AVJU9



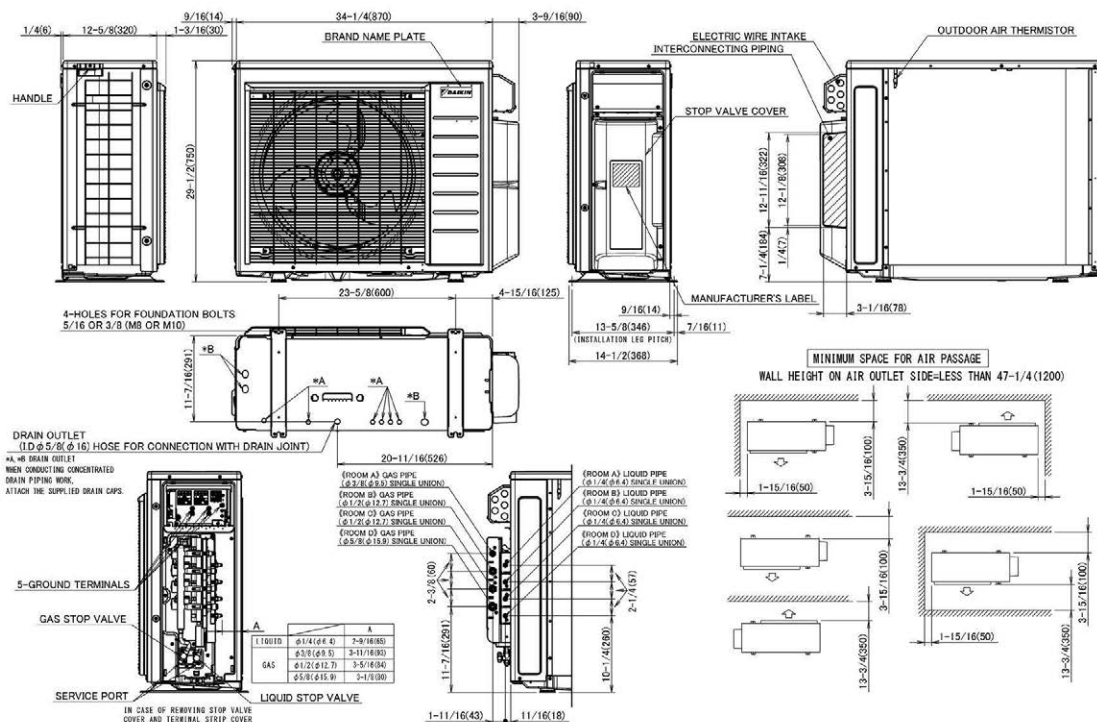
3D149807

3MXM24AVJU9



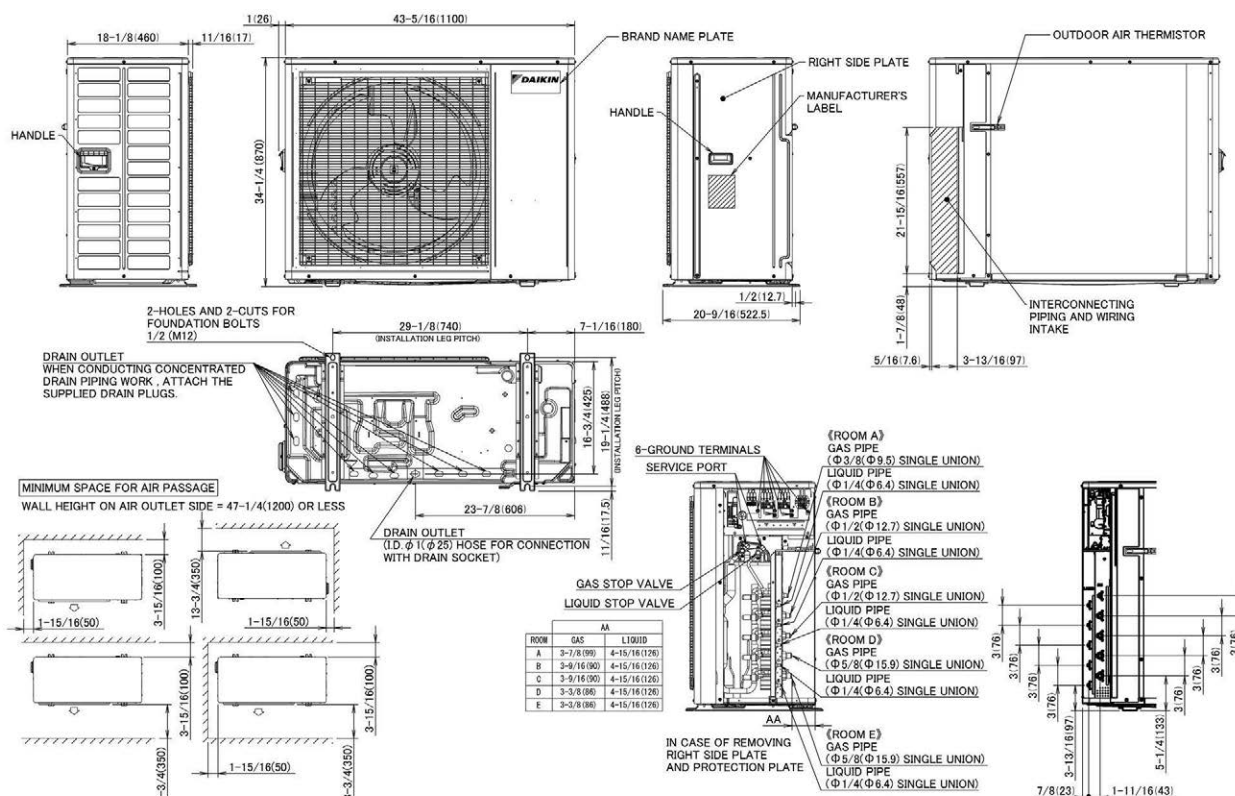
3D149808

4MXM36AVJU9



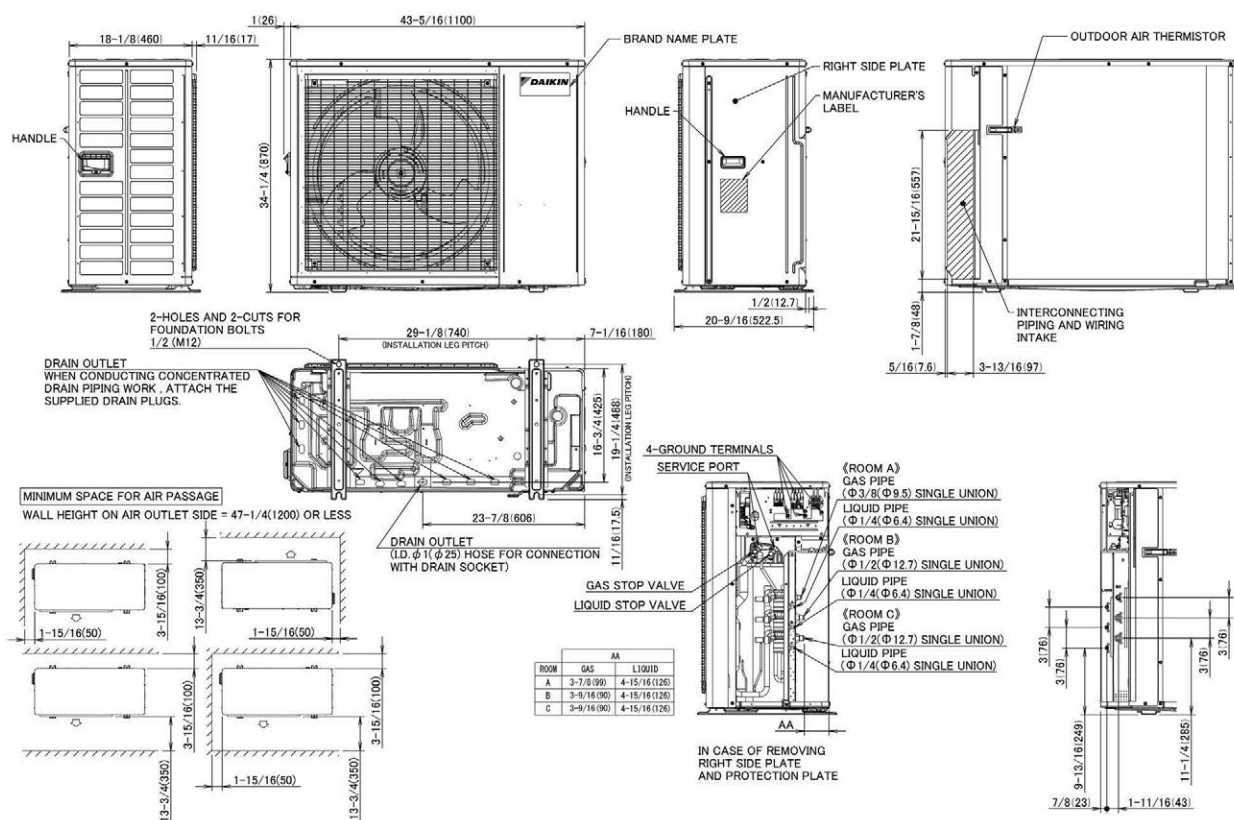
3D149809

5MXM48AVJU9, 5MXT40AVJU9, 5MXTH40AVJU9



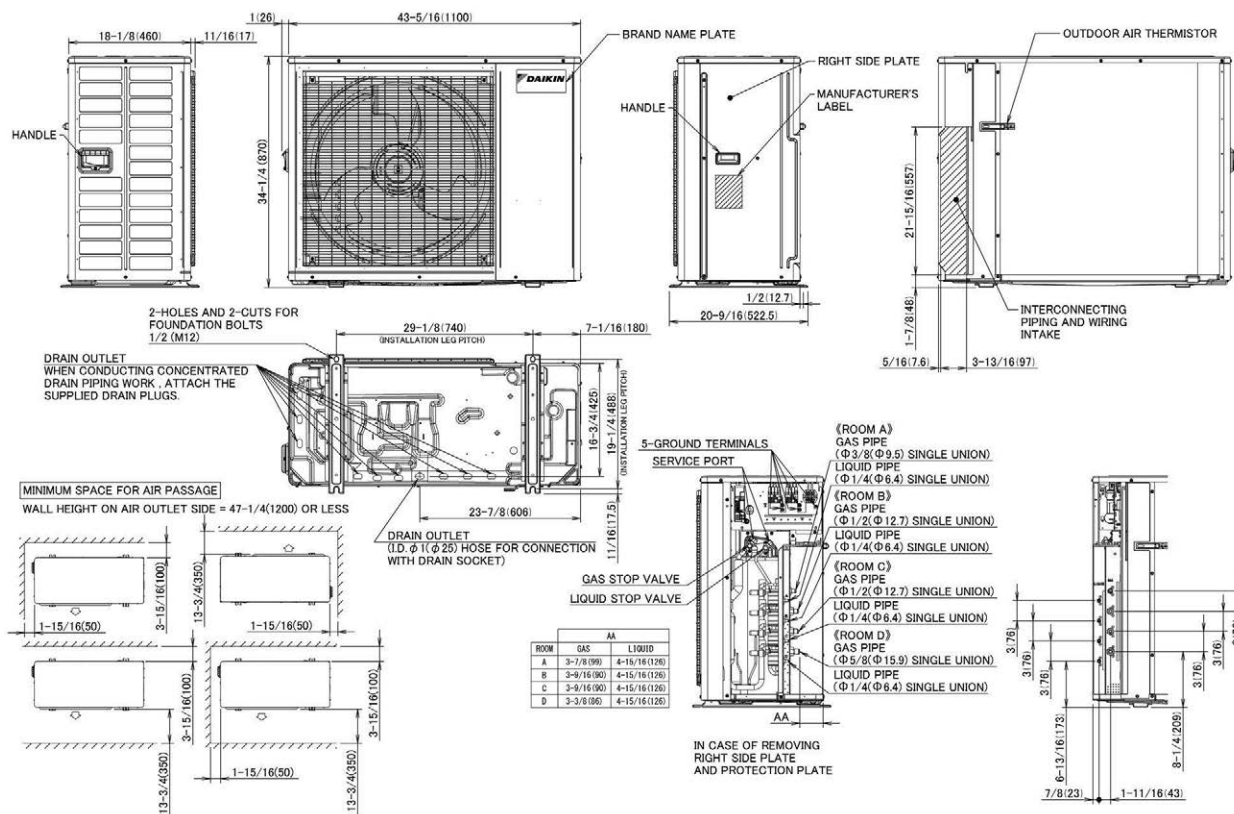
3D157869

3MXT24AVJU9, 3MXTH24AVJU9



3D157871

4MXT36AVJU9, 4MXTH36AVJU9

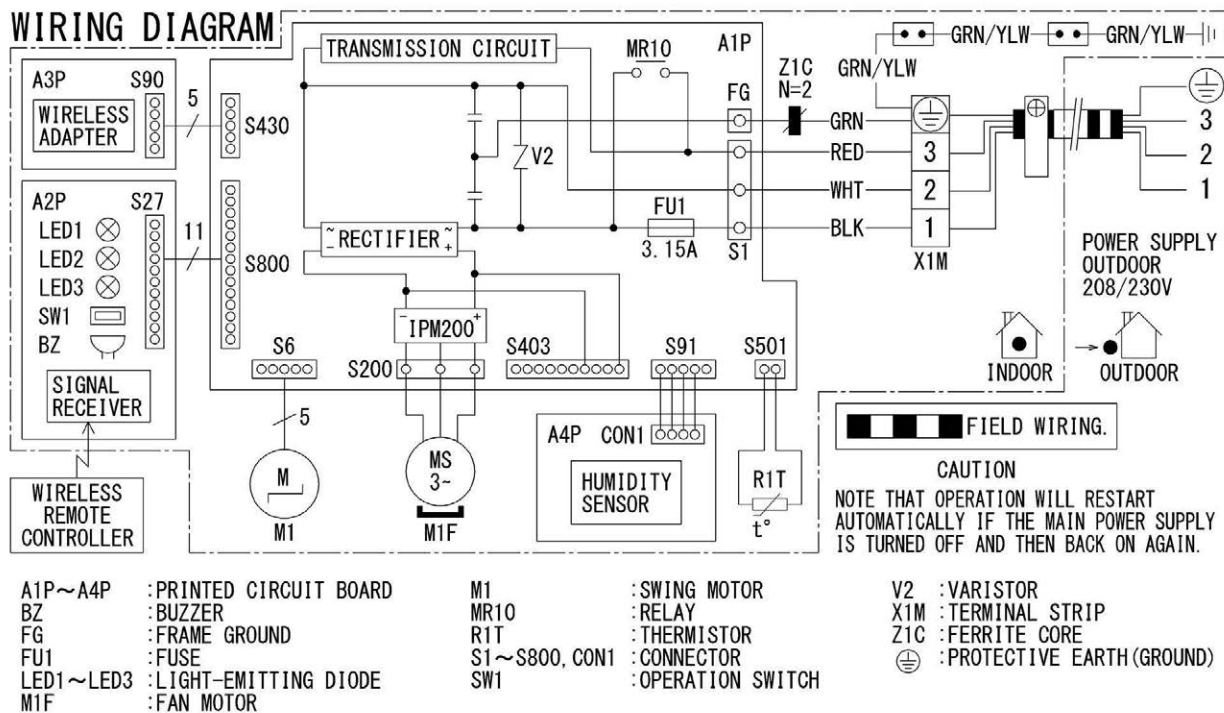


3D157870

5. Wiring Diagram

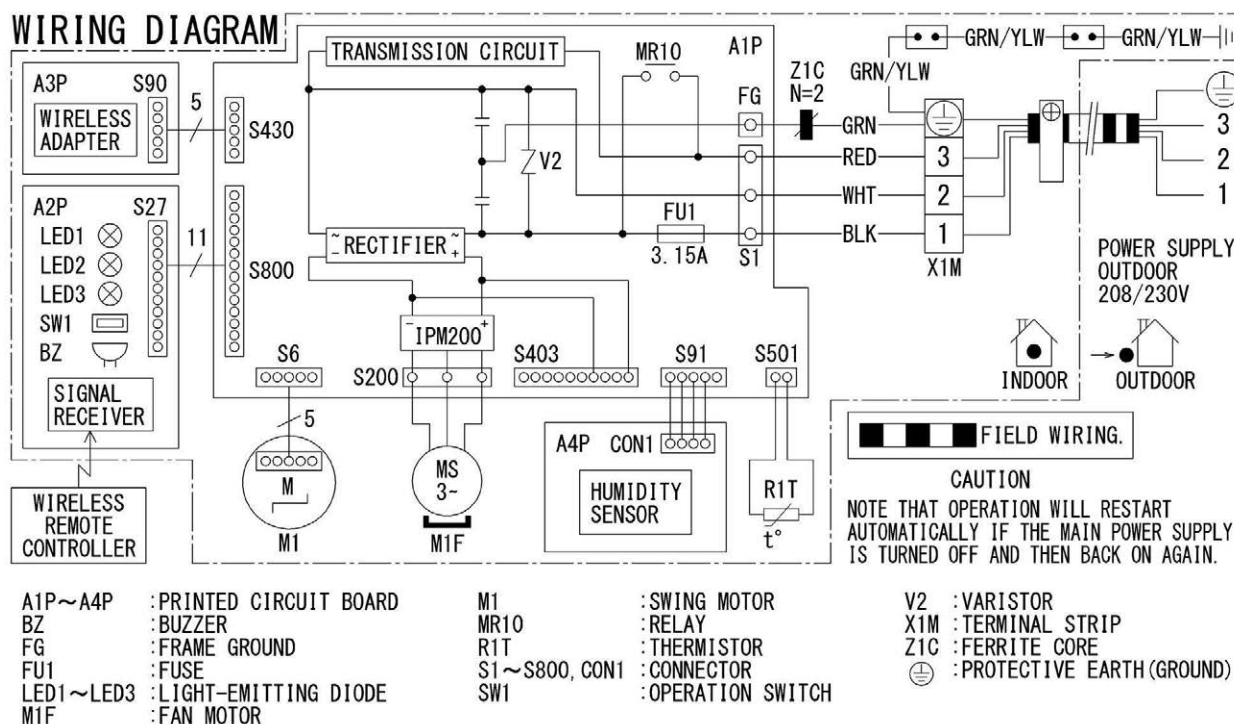
5.1 Indoor unit

CTXV07AVJU9, FTXV09/12AVJU9



3D147521

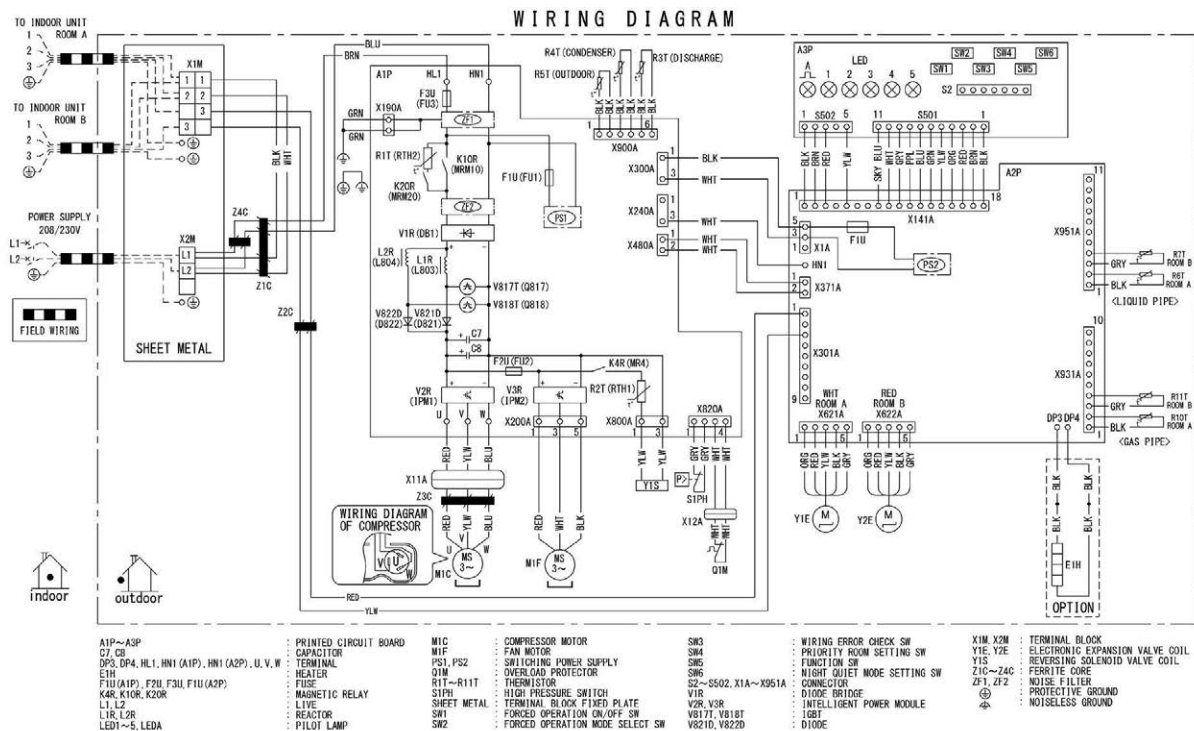
FTXV15/18/24AVJU9



3D147460A

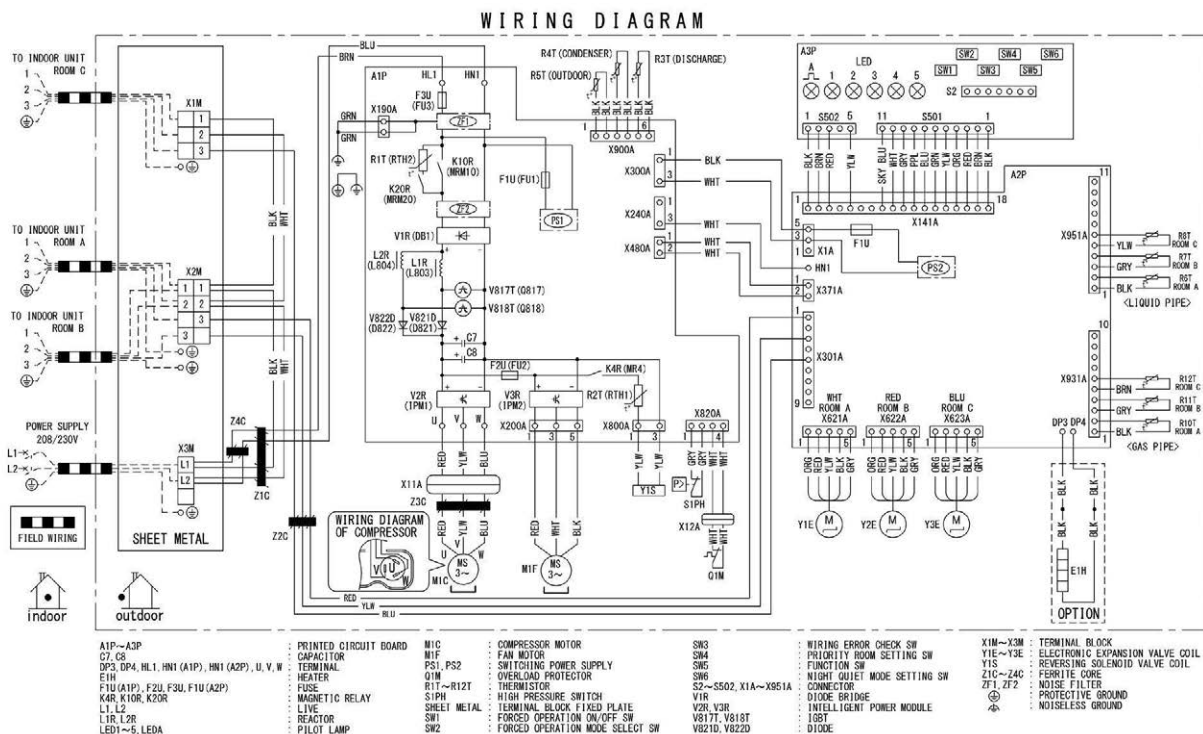
5.2 Outdoor unit

2MXM18AVJU9, 2MXT18AVJU9



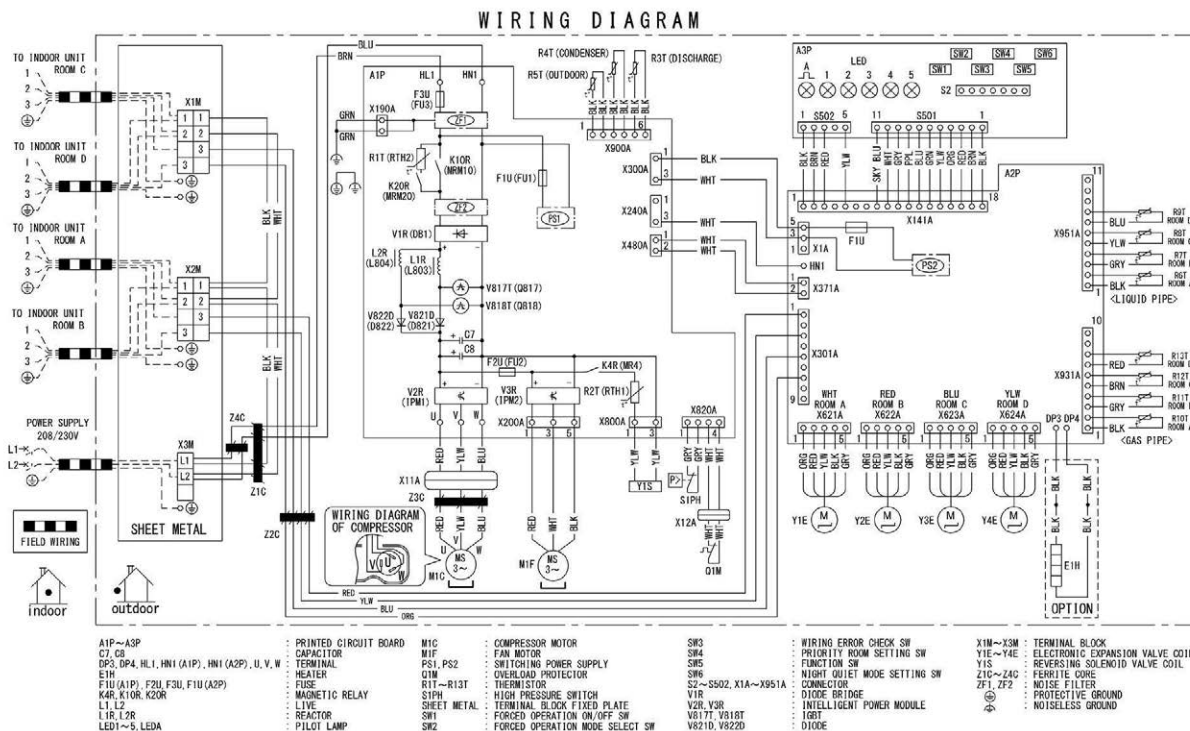
C: 3D149179

3MXM24AVJU9



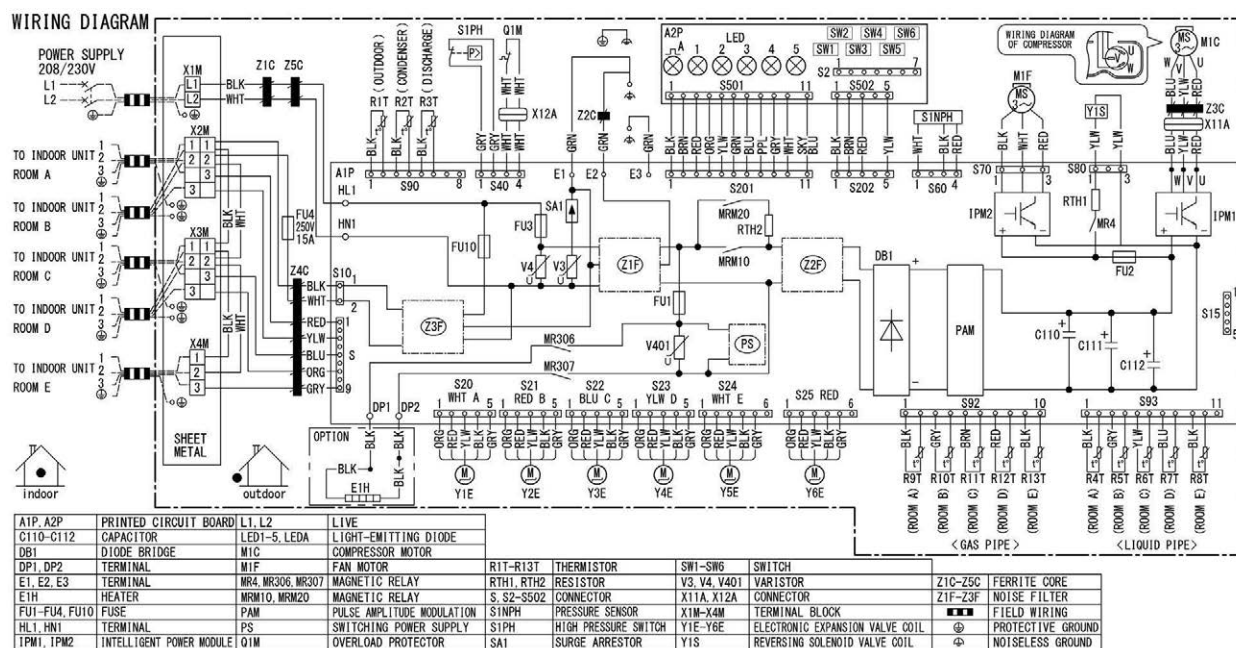
C: 3D149180

4MXM36AVJU9



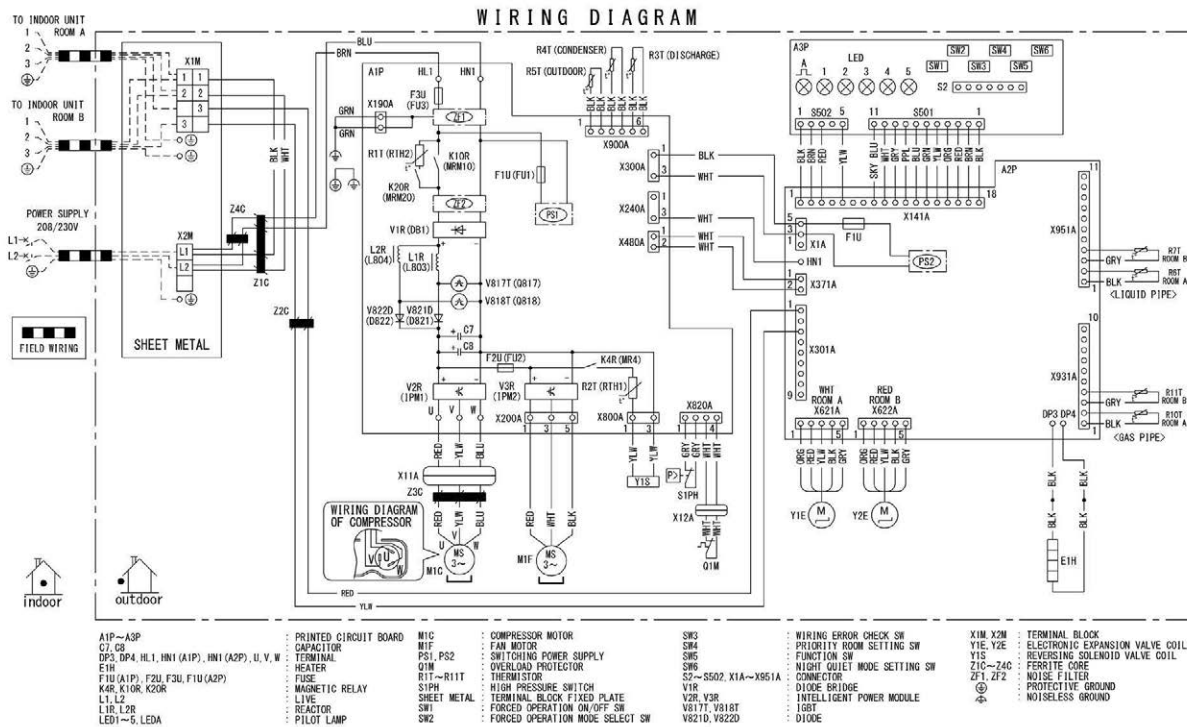
C: 3D149197

5MXM48AVJU9, 5MXT40AVJU9



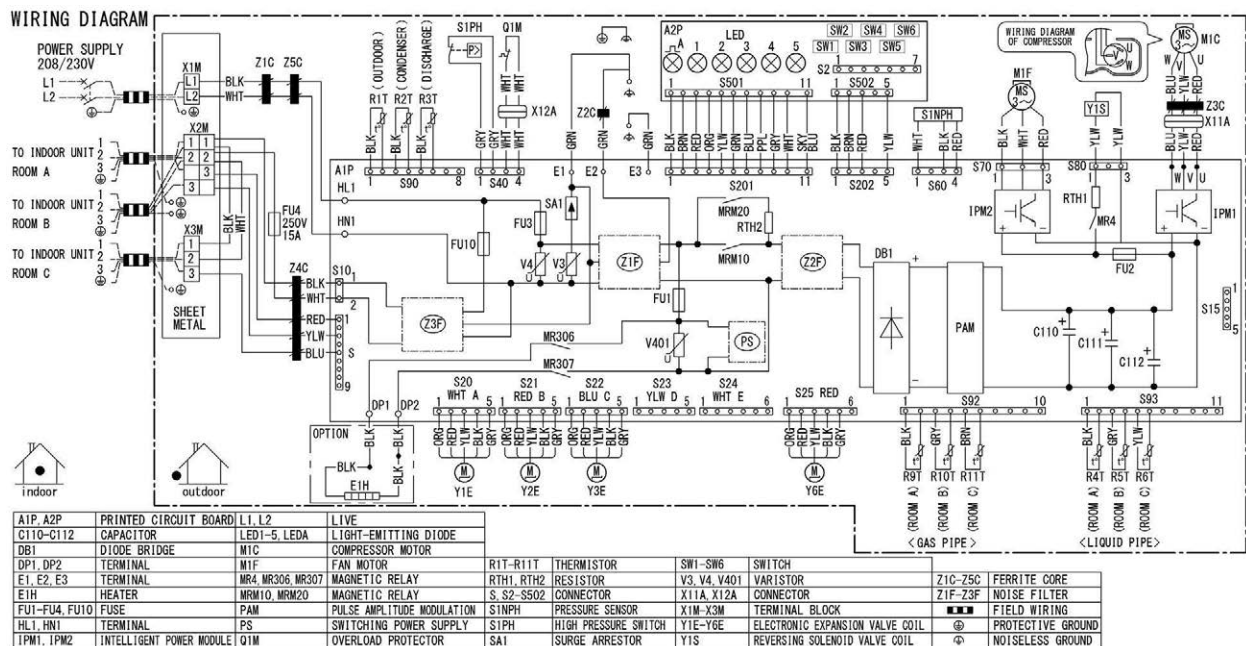
C: 3D156355

2MXTH18AVJU9



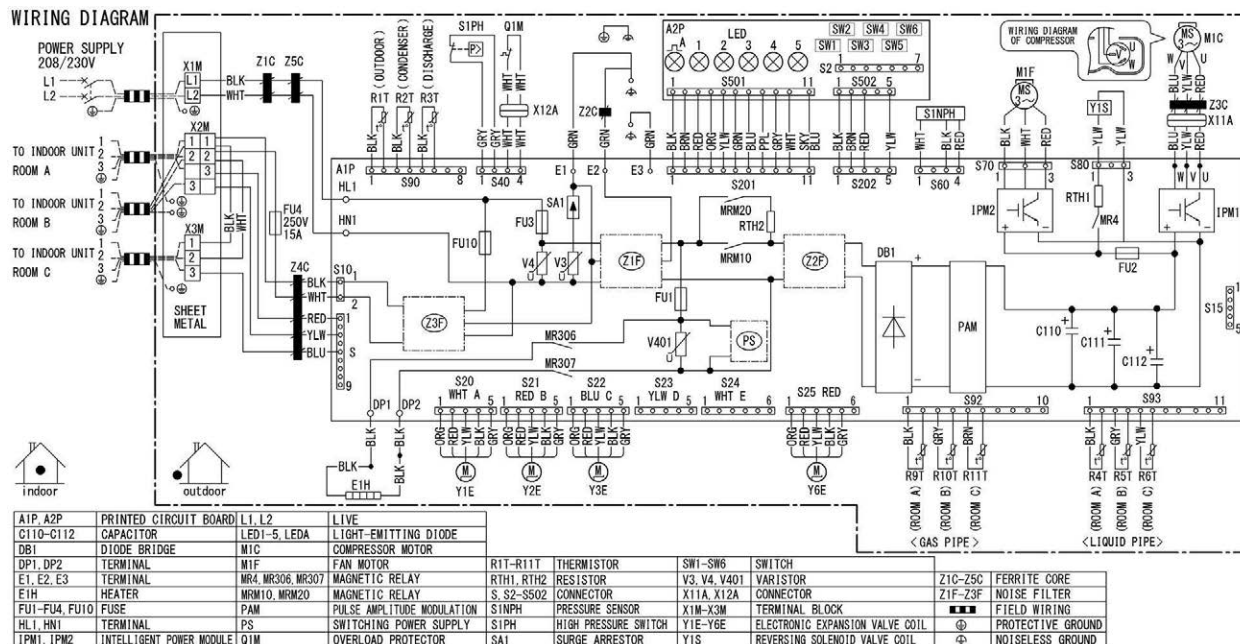
C: 3D149587

3MXT24AVJU9



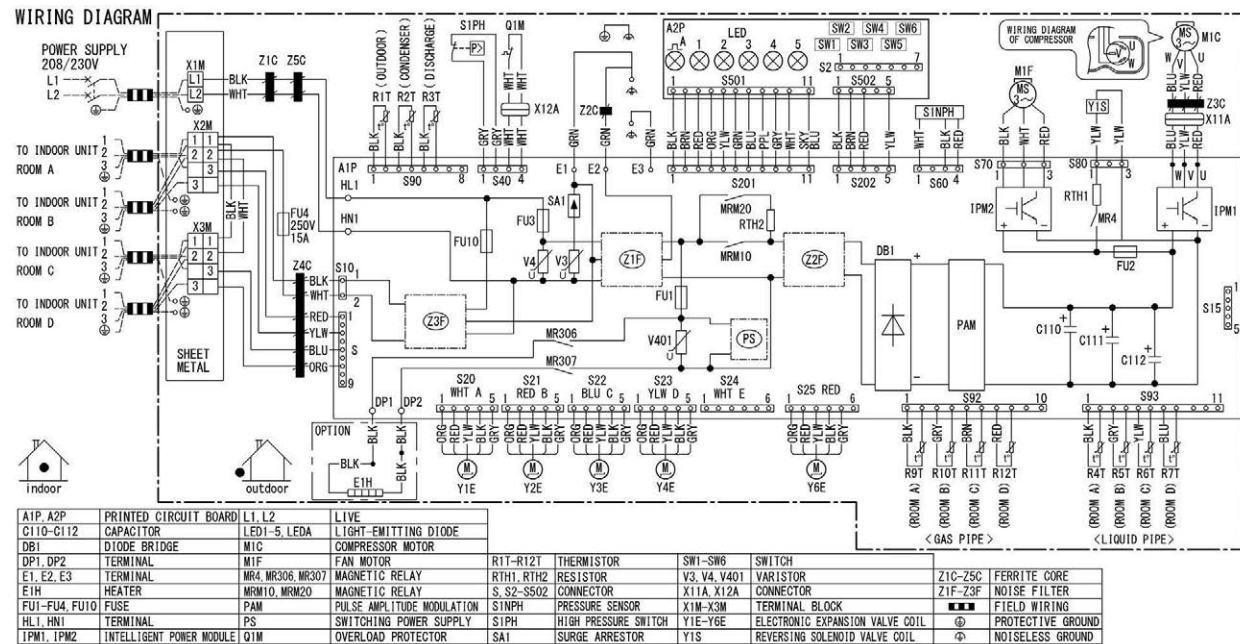
C: 3D156320

WIRING DIAGRAM



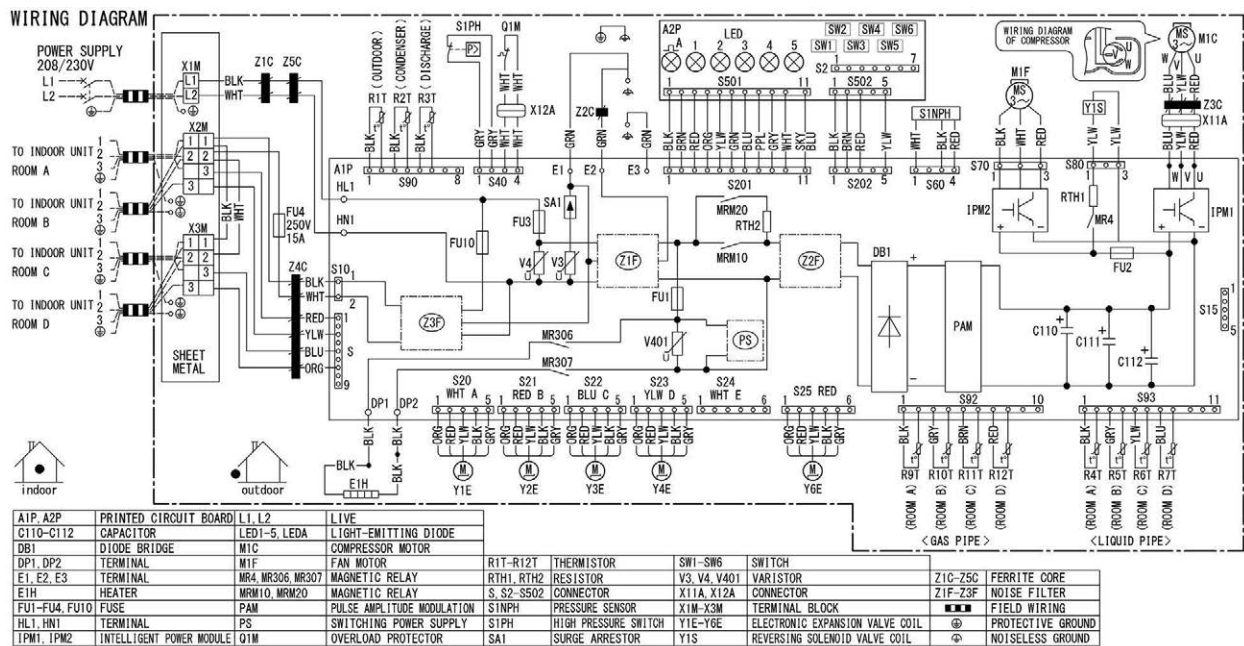
C: 3D156321

WIRING DIAGRAM



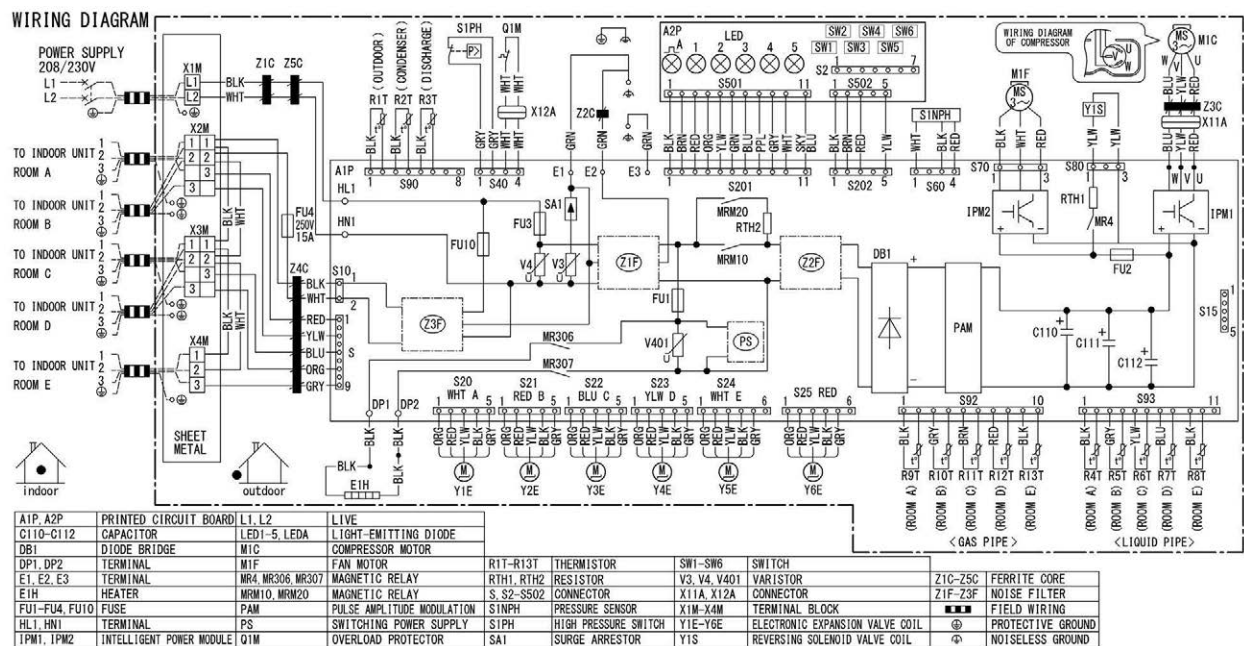
C: 3D156353

4MXTH36AVJU9



C: 3D156354

5MXTH40AVJU9



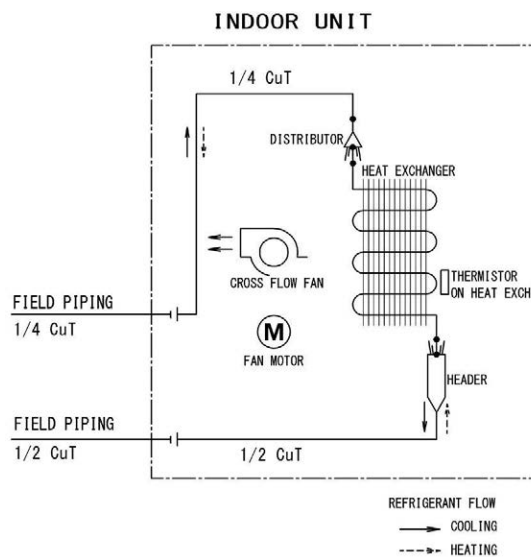
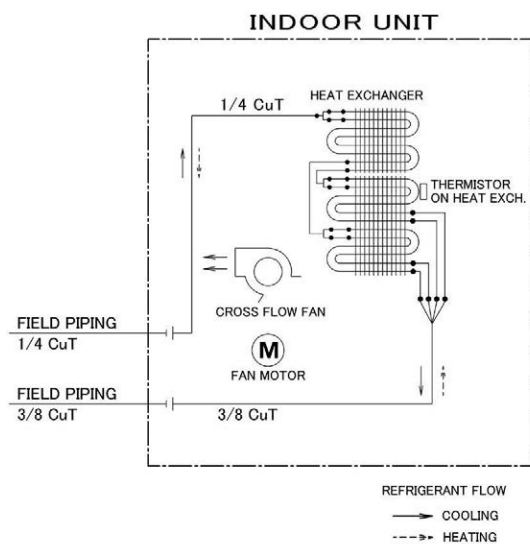
C: 3D156356

6. Piping Diagram

6.1 Indoor unit

CTXV07AVJU9, FTXV09/12AVJU9

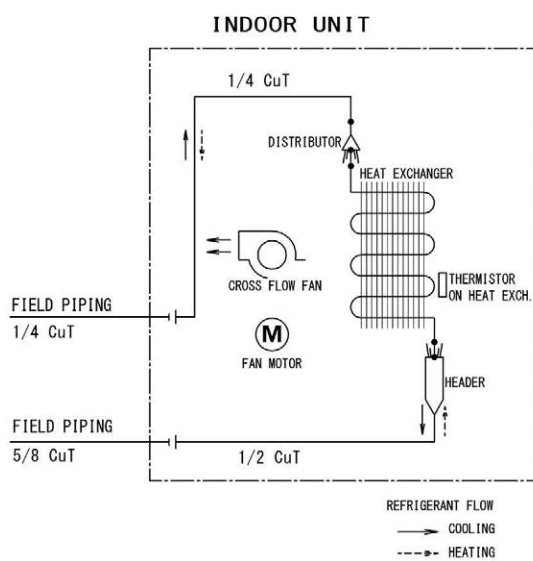
FTXV15/18AVJU9



4D150950

4D091769E

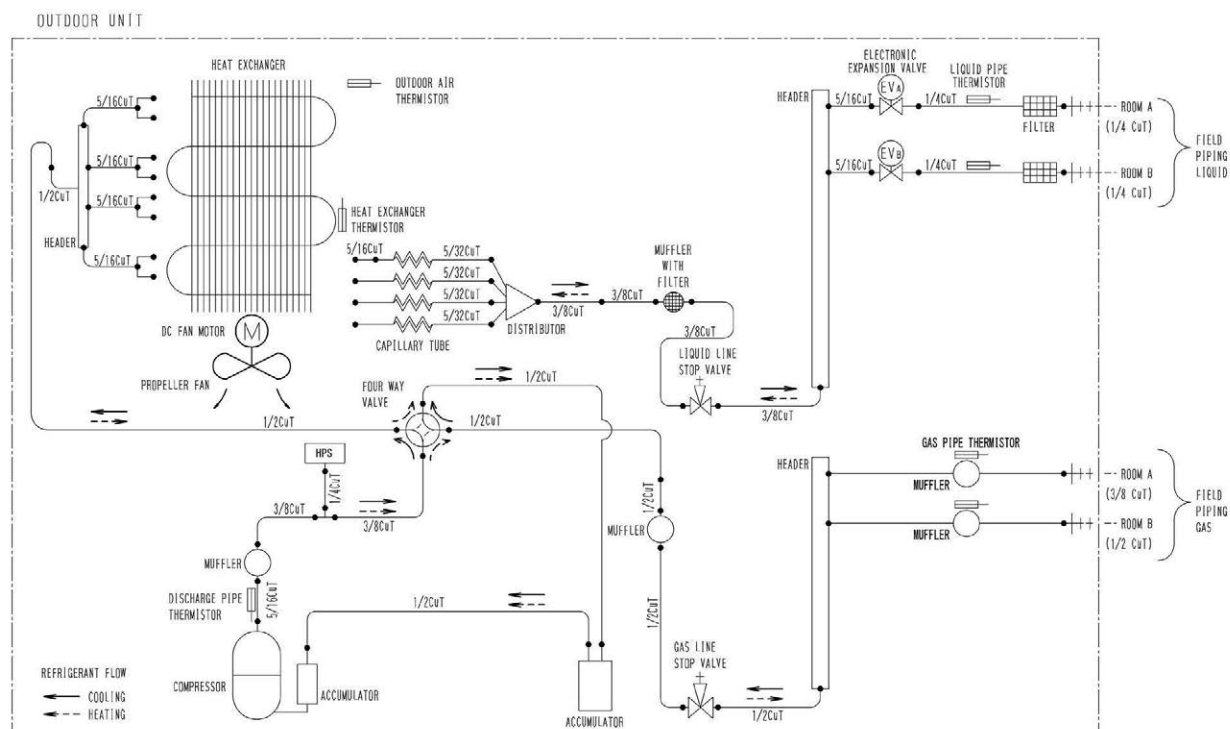
FTXV24AVJU9



4D091768C

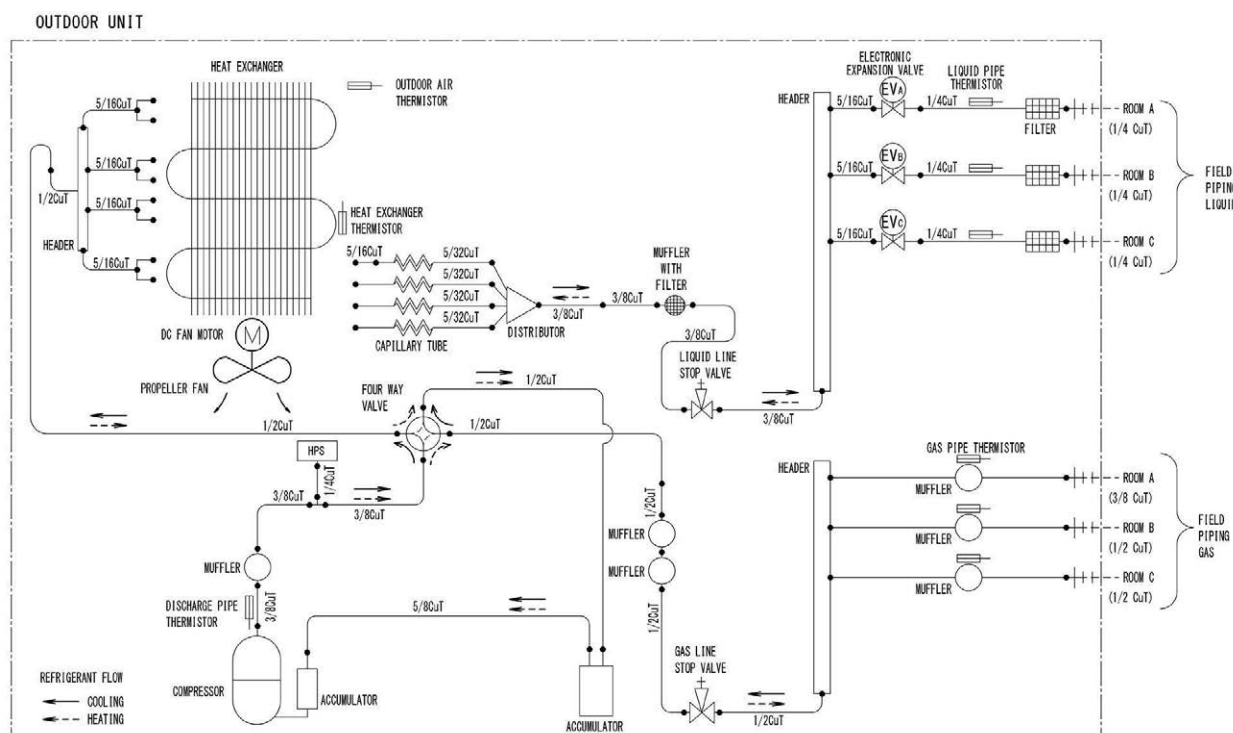
6.2 Outdoor unit

2MXM18AVJU9



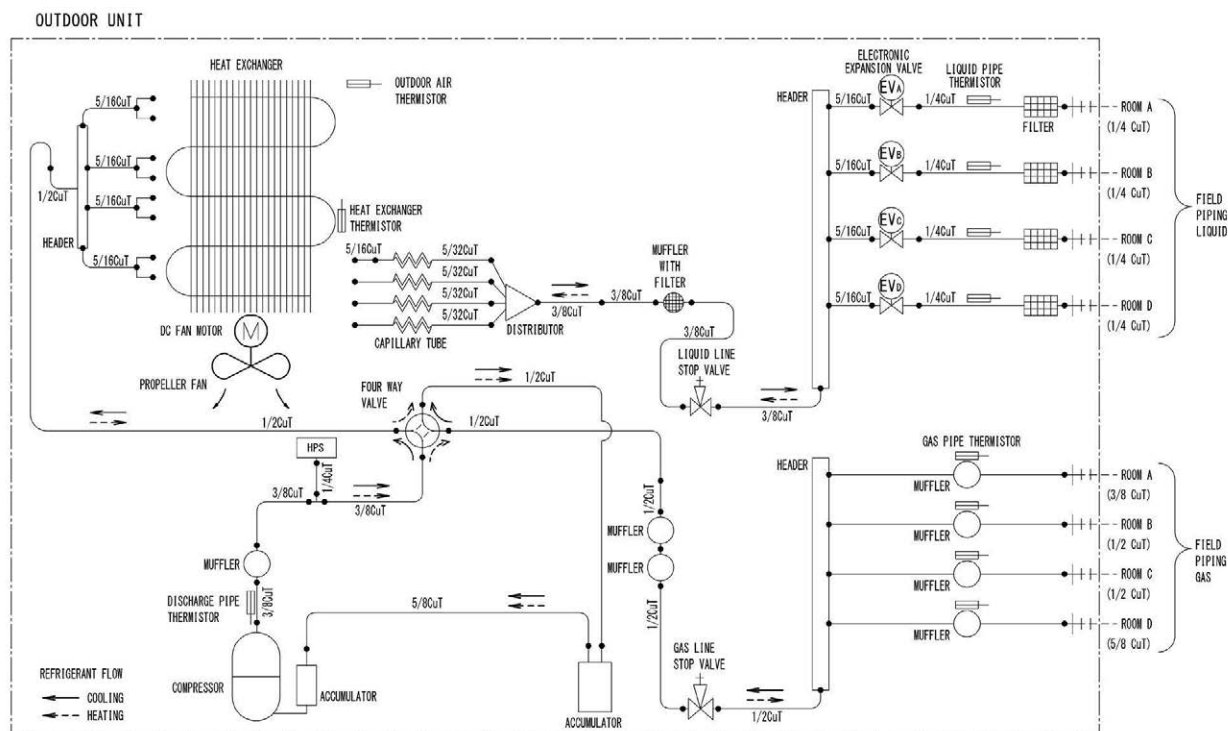
3D149796

3MXM24AVJU9



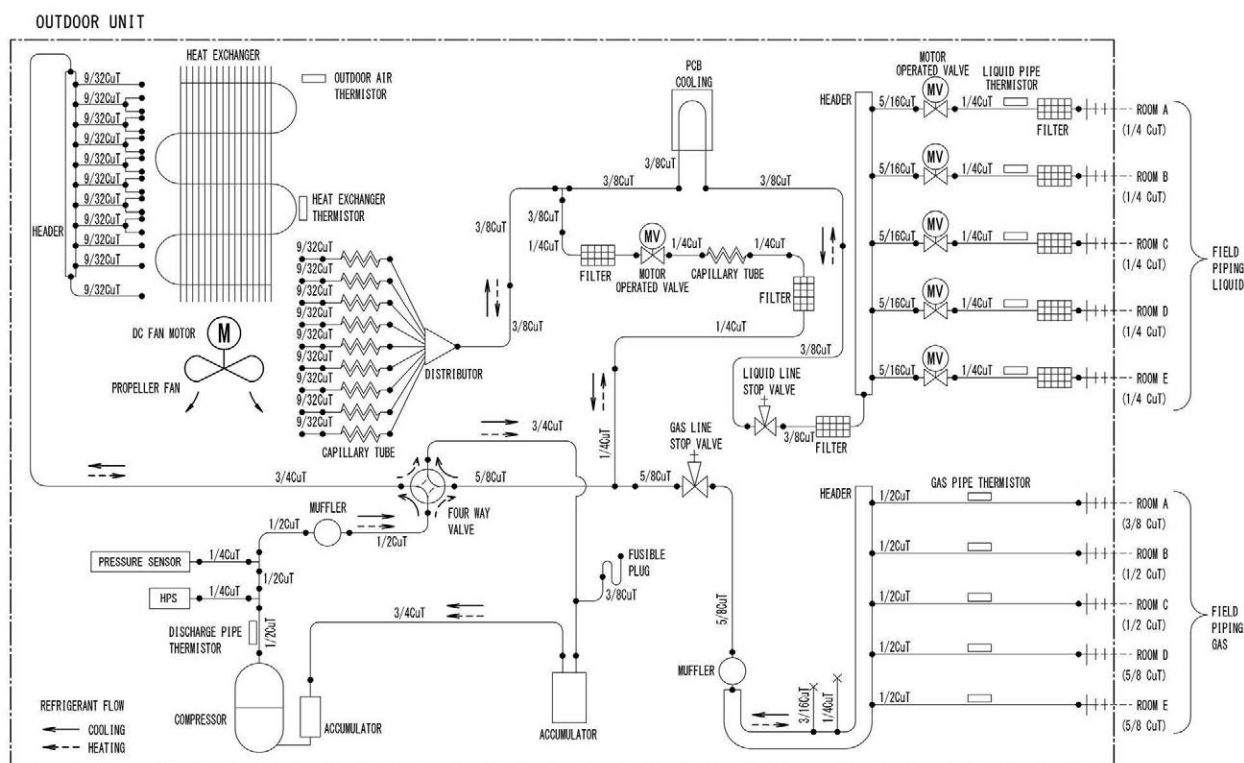
3D149798

4MXM36AVJU9



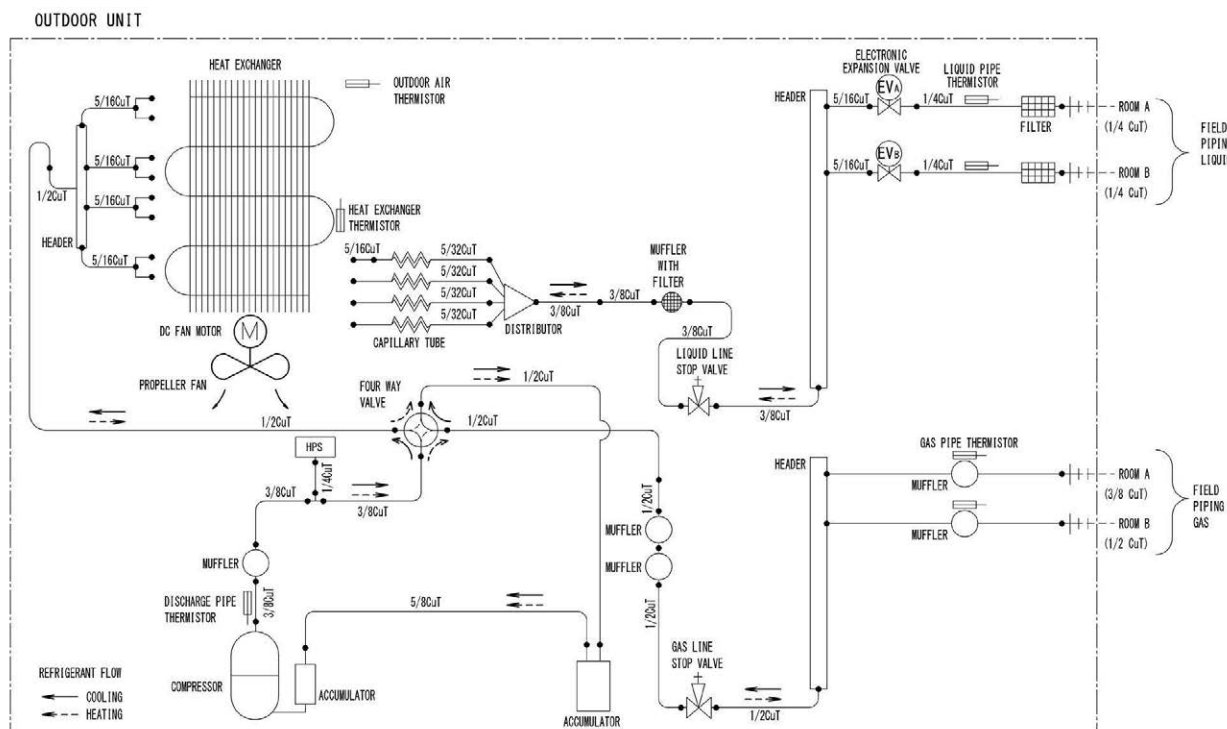
3D149799

5MXM48AVJU9, 5MXT40AVJU9, 5MXTH40AVJU9



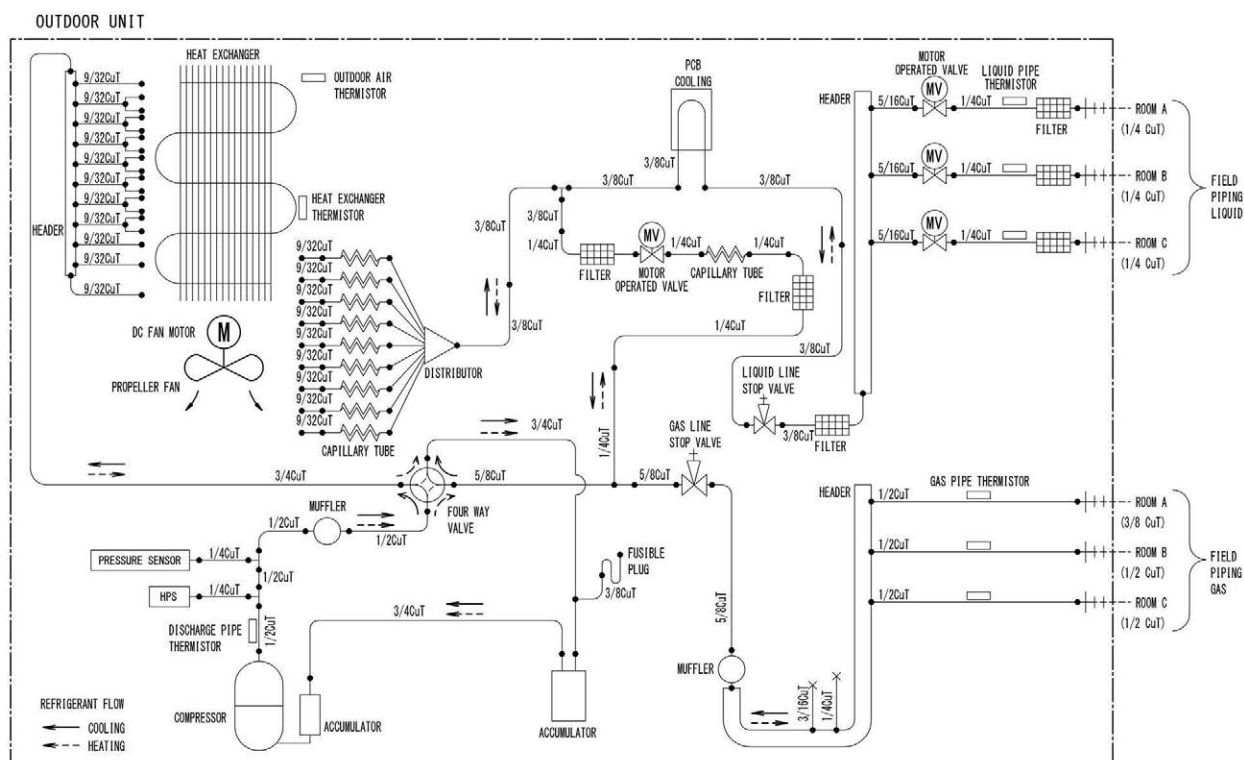
3D157508

2MXT18AVJU9, 2MXTH18AVJU9



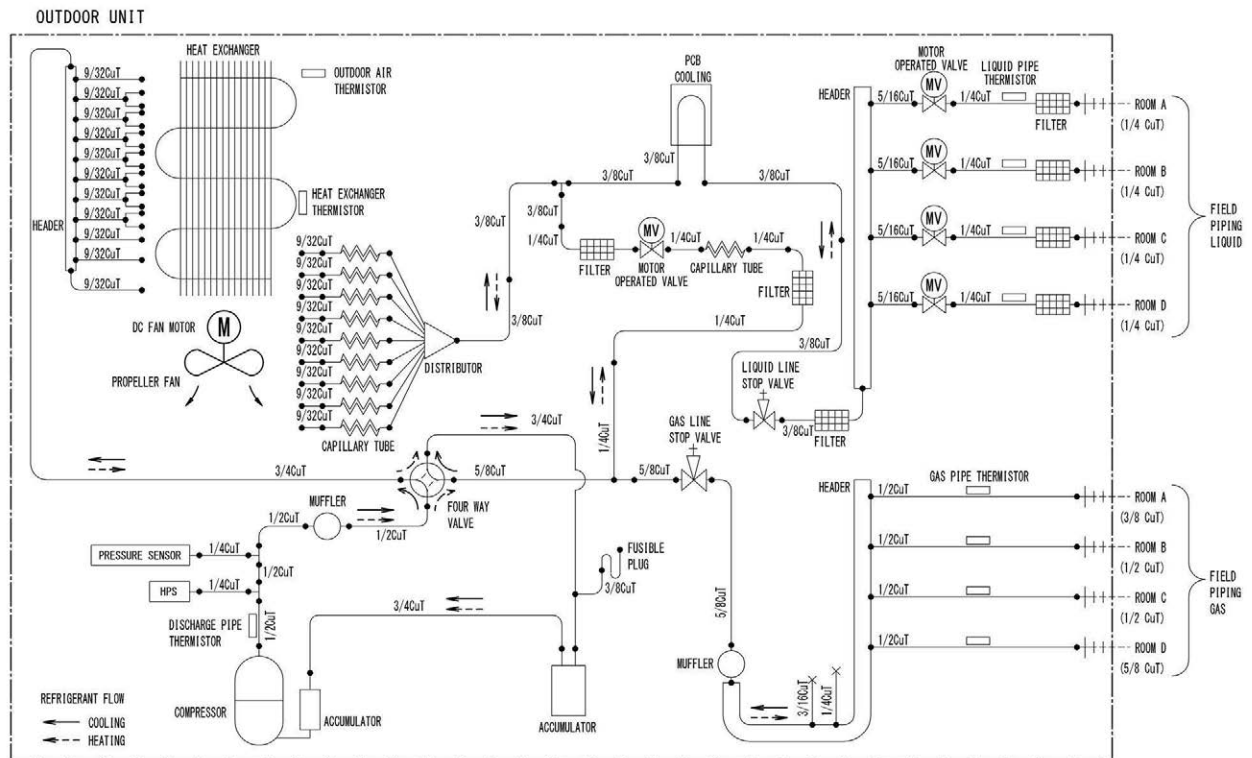
3D149797

3MXT24AVJU9, 3MXTH24AVJU9



3D157510

4MXT36AVJU9, 4MXTH36AVJU9



3D157509

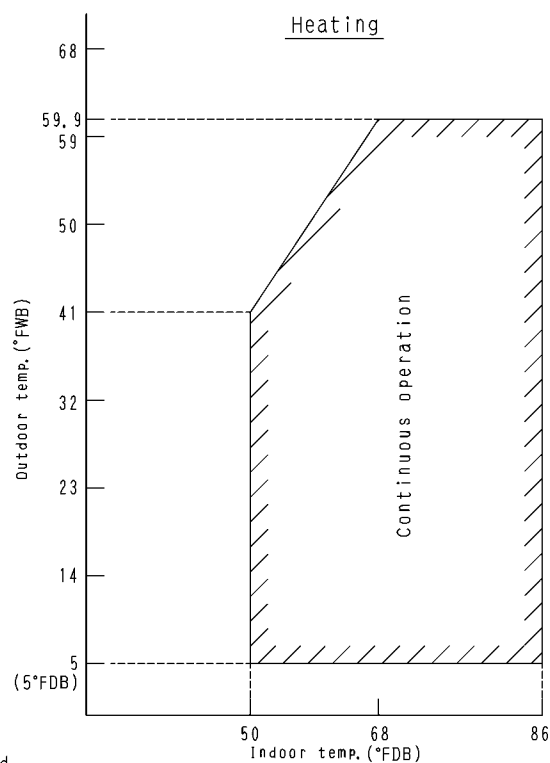
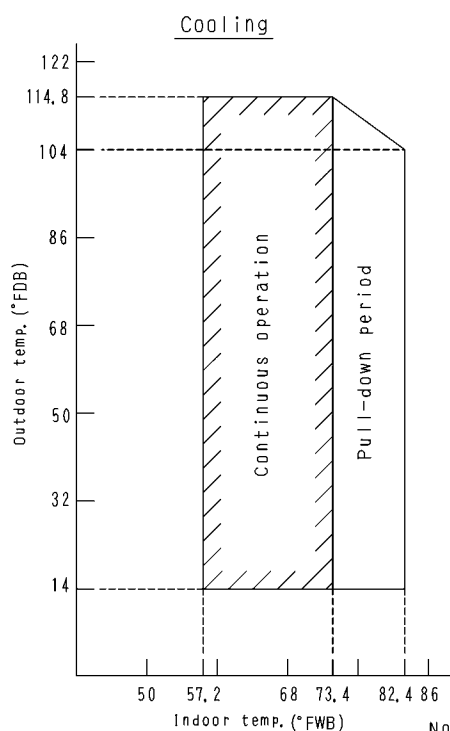
7. Capacity Table

Refer to Engineering Data books below for the Combination Capacity.

Type	Model Name	Reference
Standard type	2MXM18AVJU9 3MXM24AVJU9 4MXM36AVJU9 5MXM48AVJU9	EDUS122403
Cold climate type	2MXT18AVJU9 3MXT24AVJU9 4MXT36AVJU9 5MXT40AVJU9 2MXTH18AVJU9 3MXTH24AVJU9 4MXTH36AVJU9 5MXTH40AVJU9	EDUS122404

8. Operation Limit

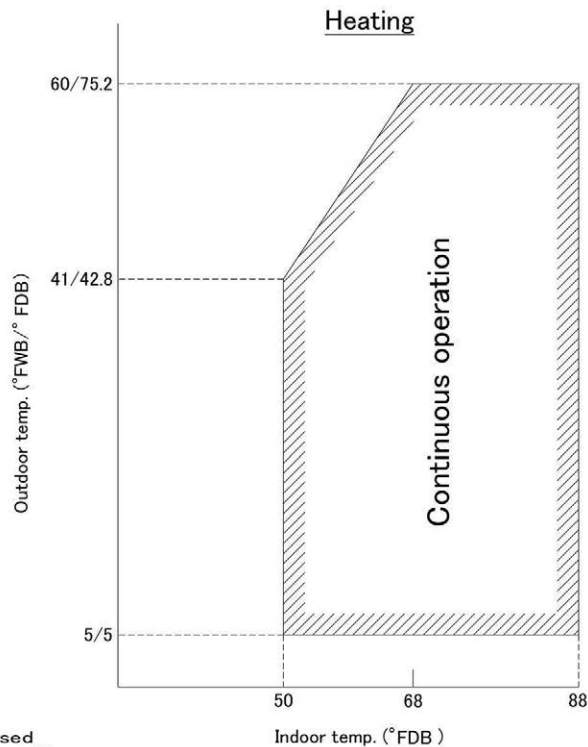
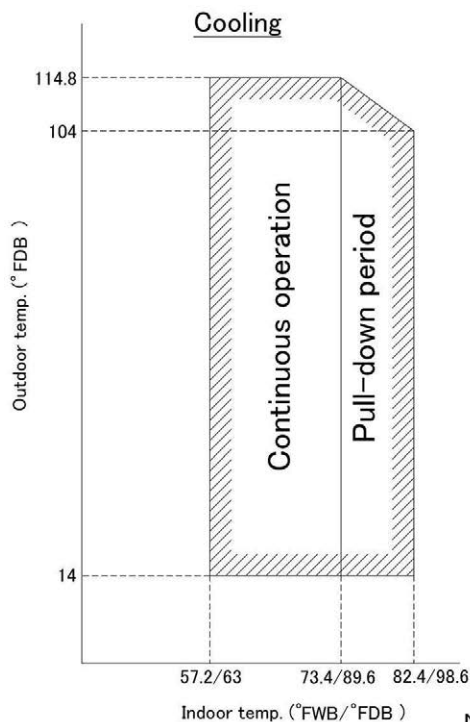
2MXM18AVJU9, 3MXM24AVJU9, 4MXM36AVJU9



Notes:
 The graphs are based
 on the following conditions.
 • Equivalent piping length 25ft
 • Level difference 0ft
 • Air flow rate High

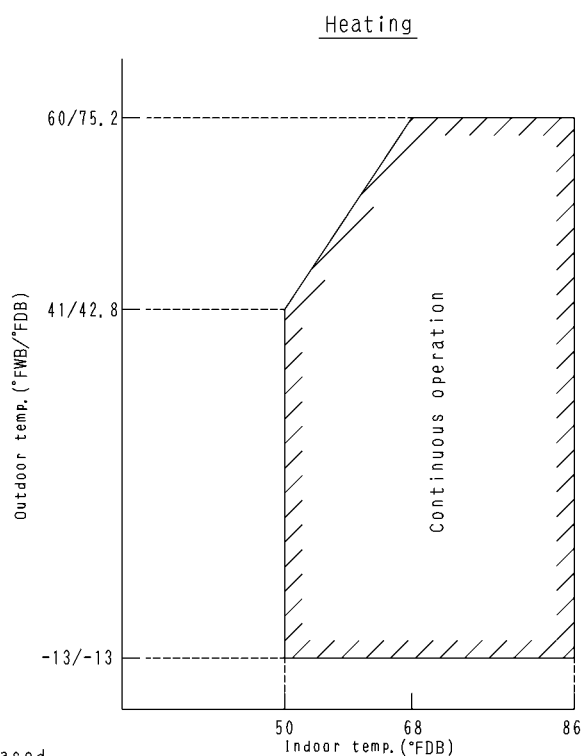
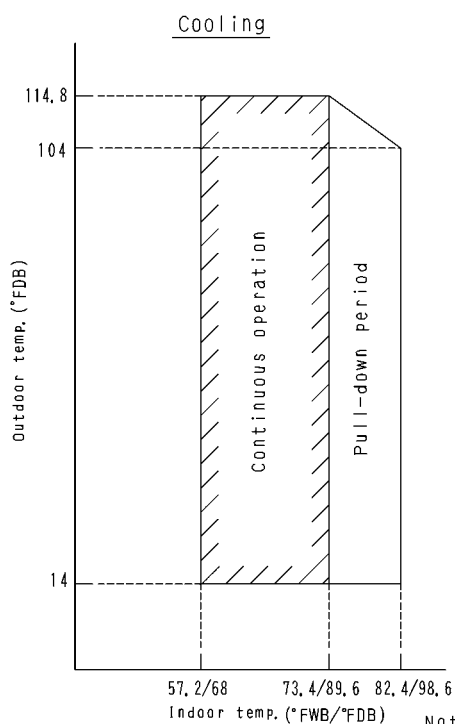
3D048149D

5MXM48AVJU9



Notes:
 The graphs are based
 on the following conditions.
 • Equivalent piping length 25ft per room
 • Level difference 0ft
 • Air flow rate High
 • All connection ports are connected
 to the indoor units.

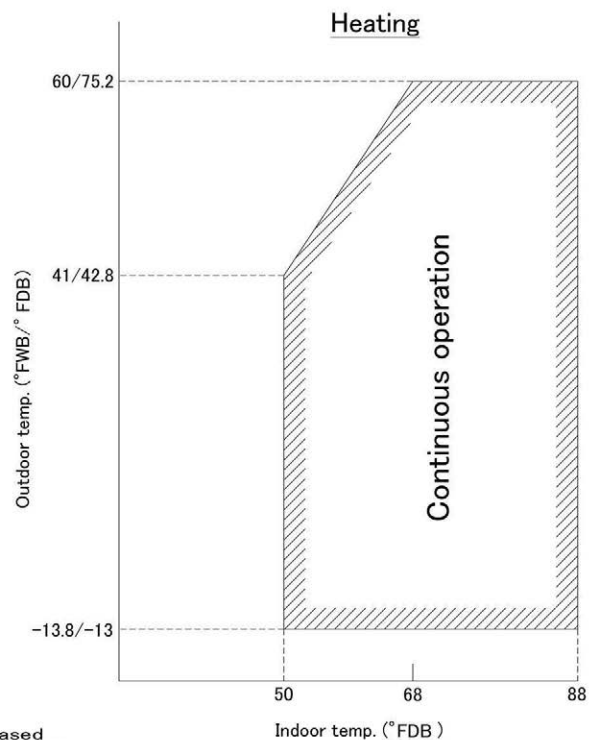
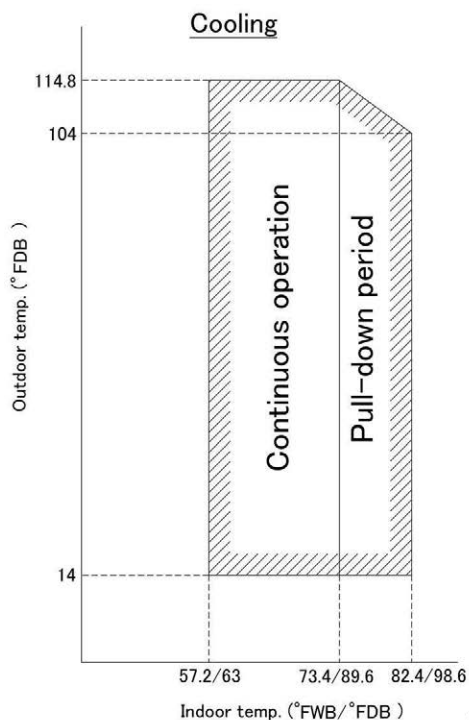
3D158370

2MXT18AVJU9, 2MXTH18AVJU9

Notes:
 The graphs are based
 on the following conditions.

- Equivalent piping length 25ft
- Level difference 0ft
- Air flow rate High

3D101428B

3MXT24AVJU9, 4MXT36AVJU9, 5MXT40AVJU9, 3MXTH24AVJU9, 4MXTH36AVJU9, 5MXTH40AVJU9

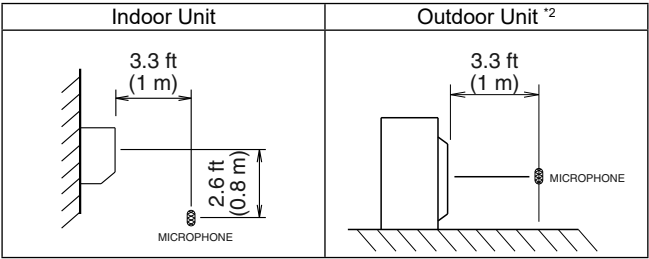
Notes:
 The graphs are based
 on the following conditions.

- Equivalent piping length 25ft per room
- Level difference 0ft
- Air flow rate High
- All connection ports are connected to the indoor units.

3D158371

9. Sound Level

9.1 Measuring Location

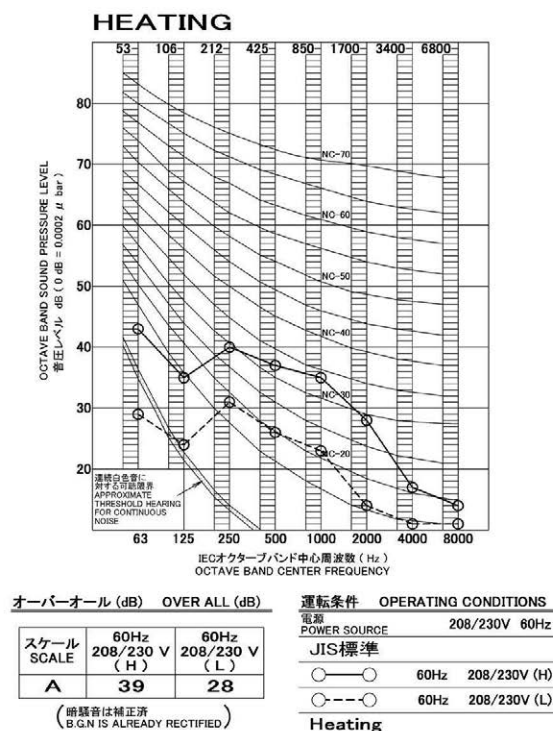
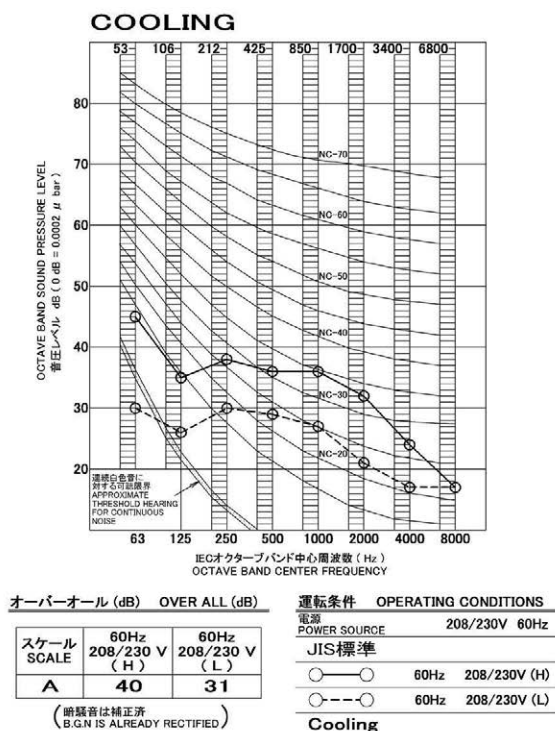


- Notes:**
- 1. Operation sound is measured in an anechoic chamber.
 - 2. The operation sound measuring method is based on JIS standard.
 - 3. The data are based on the conditions shown in the table below.

Cooling	Heating
Indoor ; 80°FDB (26.7°CDB) / 67°FWB (19.4°CWB)	Indoor ; 70°FDB (21.1°CDB) / 60°FWB (15.6°CWB)
Outdoor ; 95°FDB (35°CDB) / 75°FWB (23.9°CWB)	Outdoor ; 47°FDB (8.3°CDB) / 43°FWB (6.1°CWB)

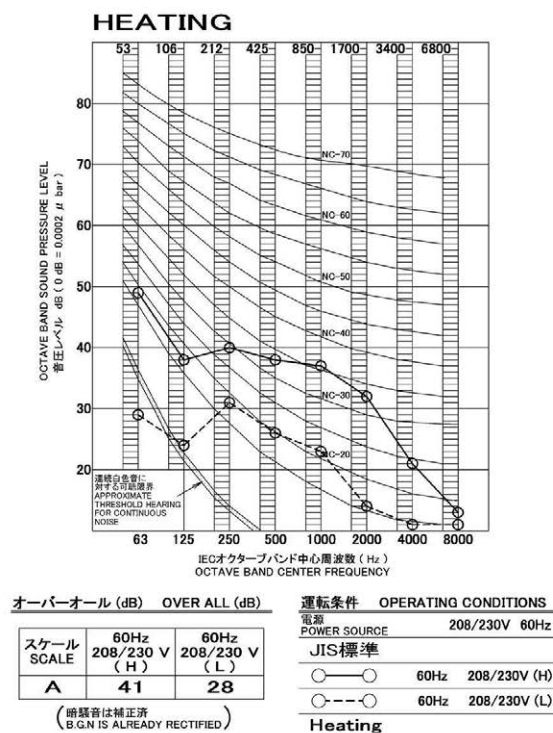
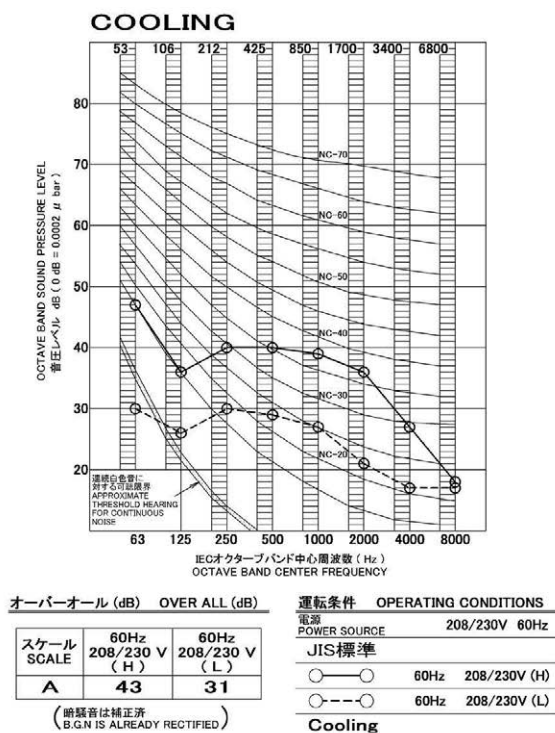
9.2 Indoor unit

CTXV07AVJU9



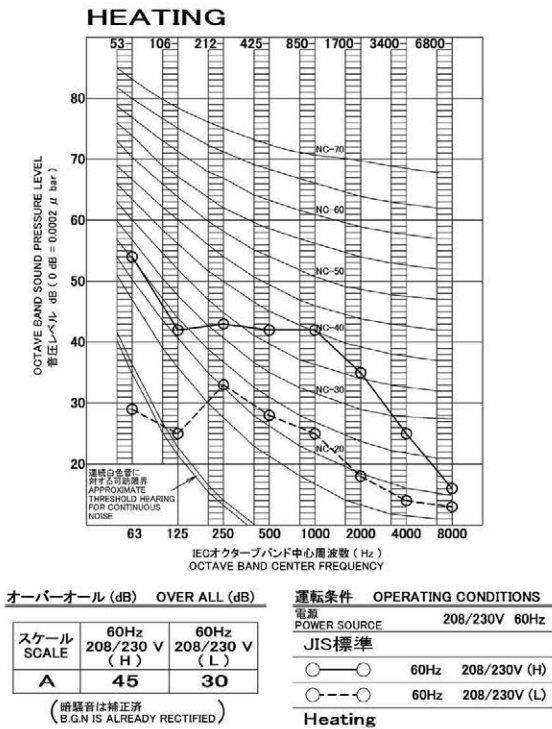
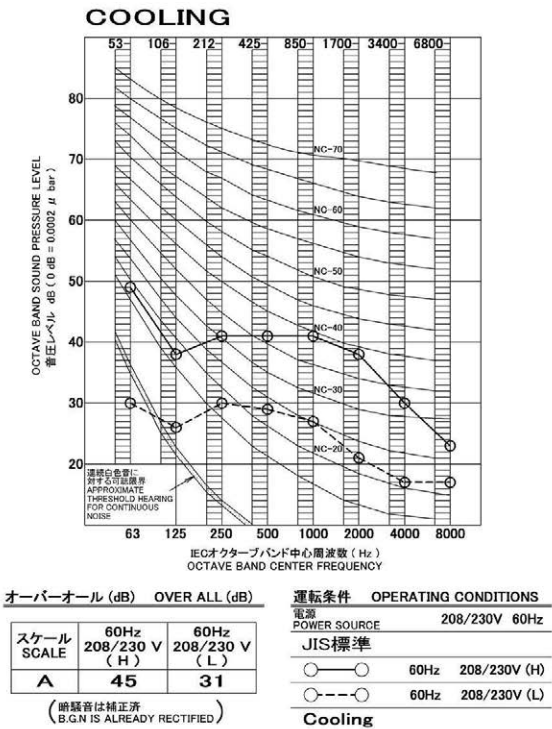
3D153119

FTXV09AVJU9



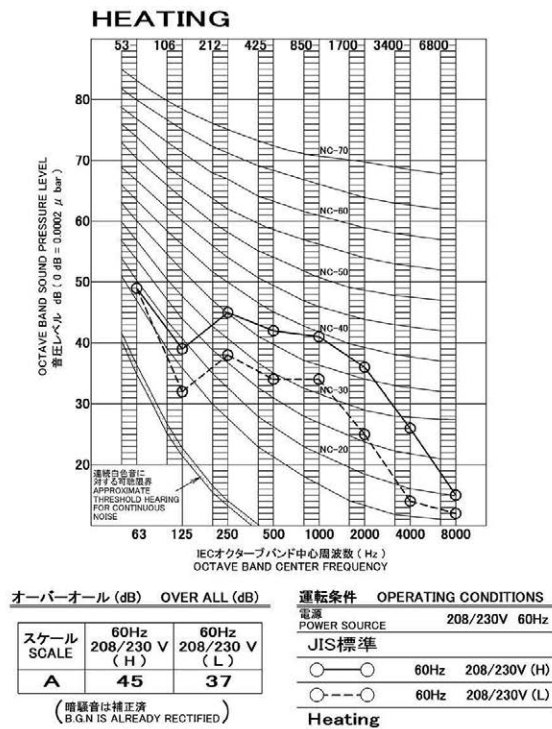
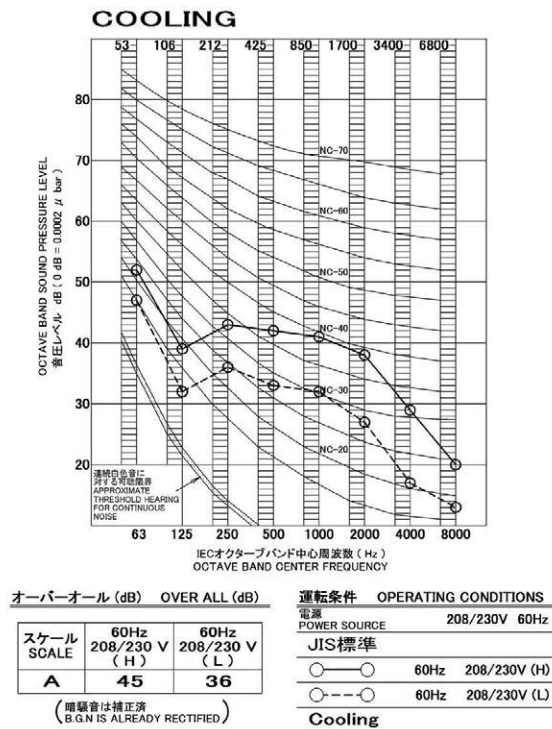
3D153120

FTXV12AVJU9



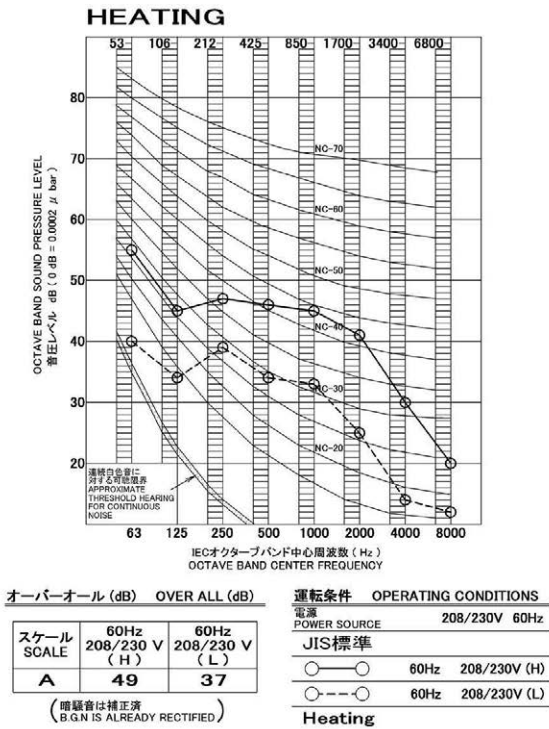
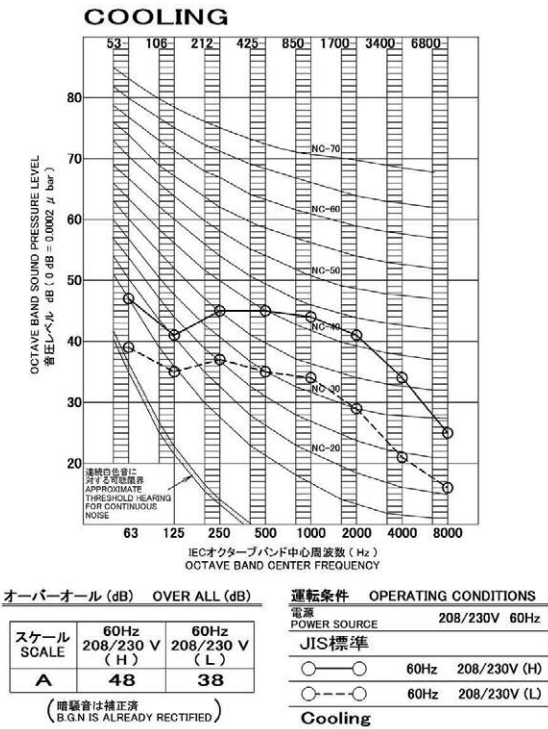
3D153121

FTXV15AVJU9



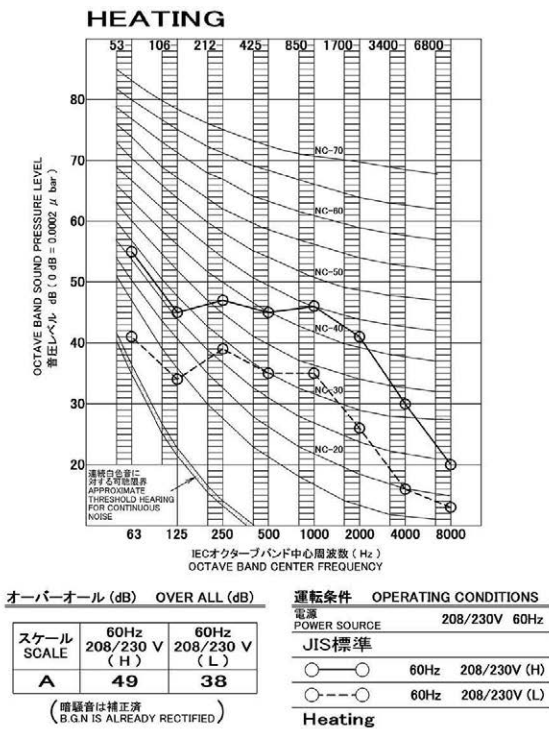
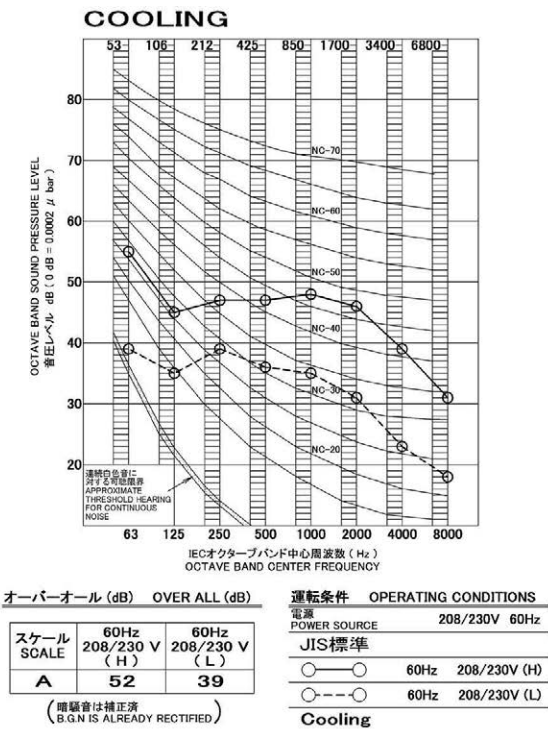
3D151900

FTXV18AVJU9



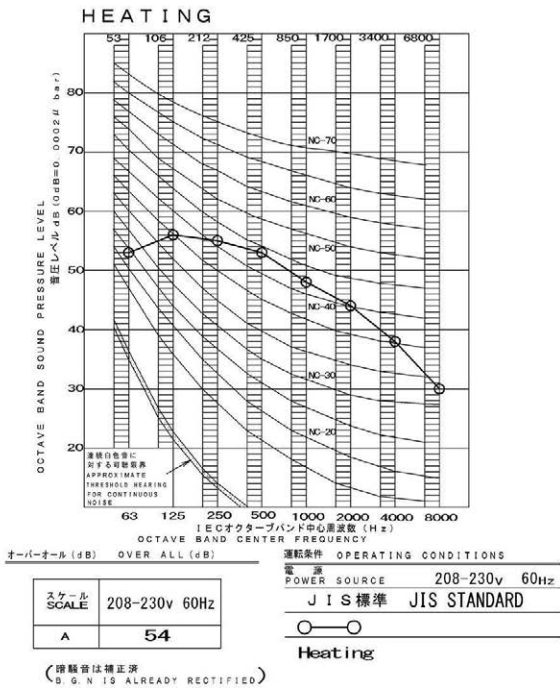
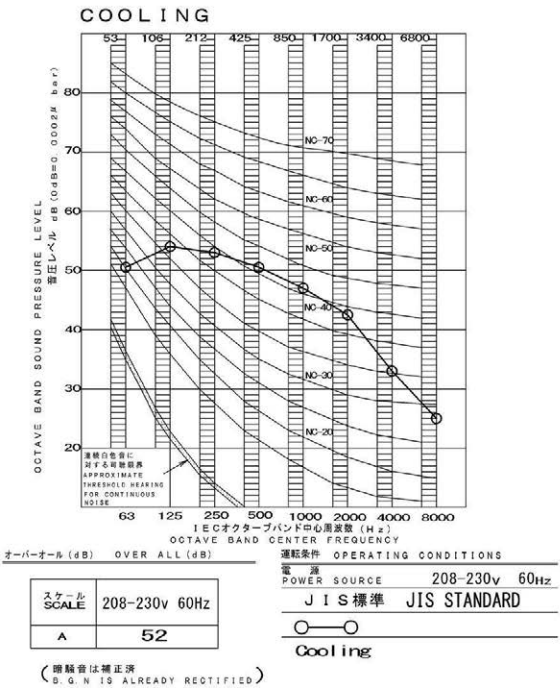
3D151901

FTXV24AVJU9



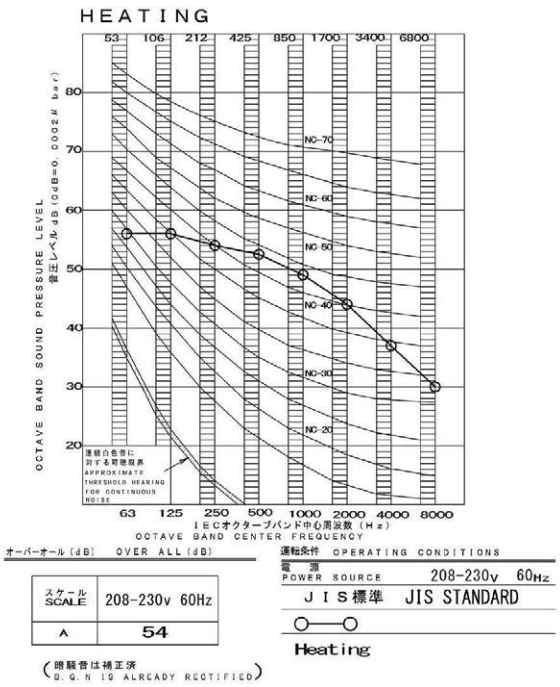
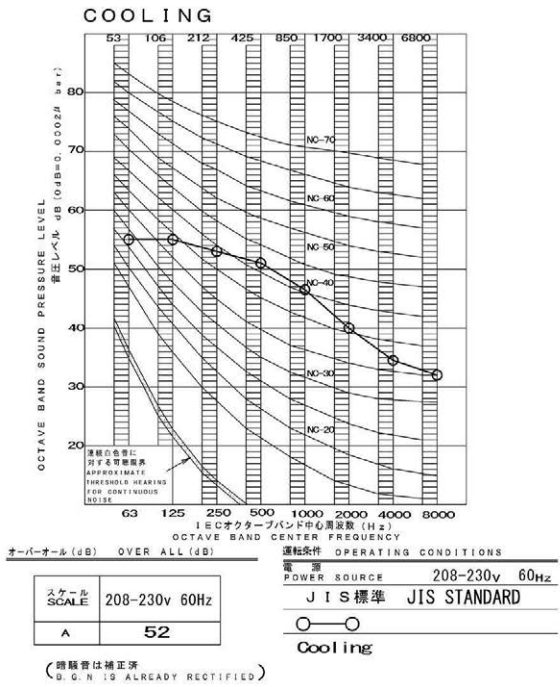
3D151902

9.3 Outdoor unit
2MXM18AVJU9



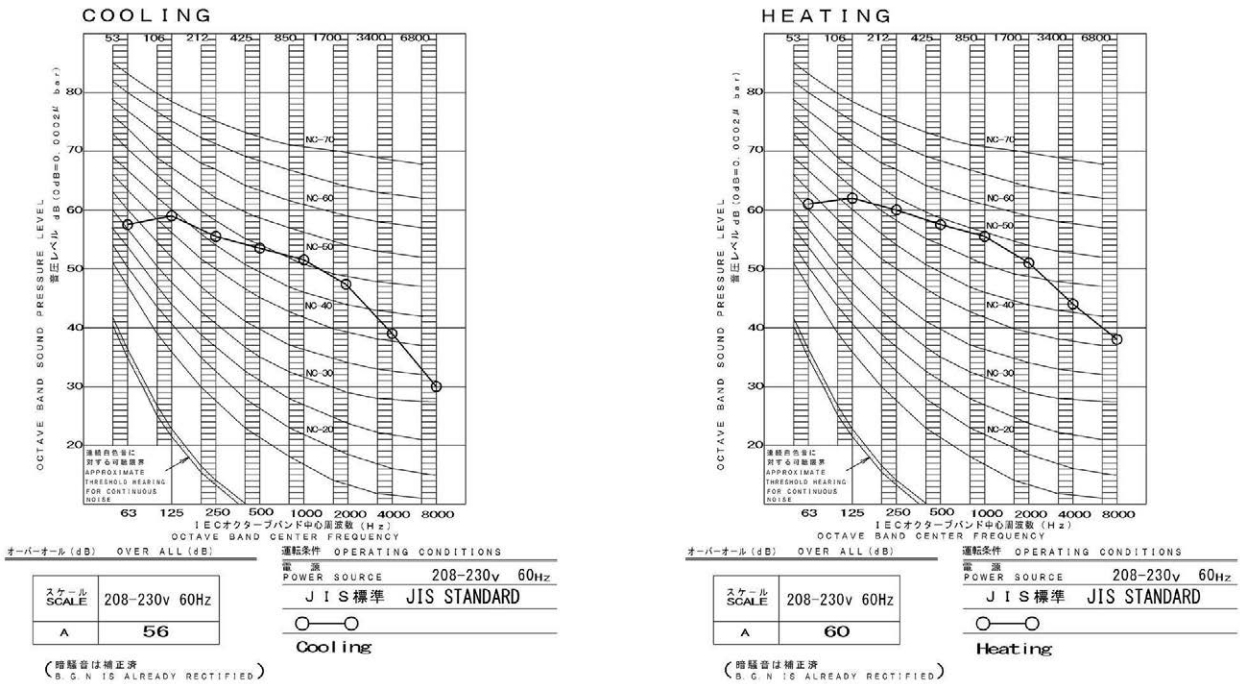
3D151393

3MXM24AVJU9, 2MXT18AVJU9, 2MXTH18AVJU9



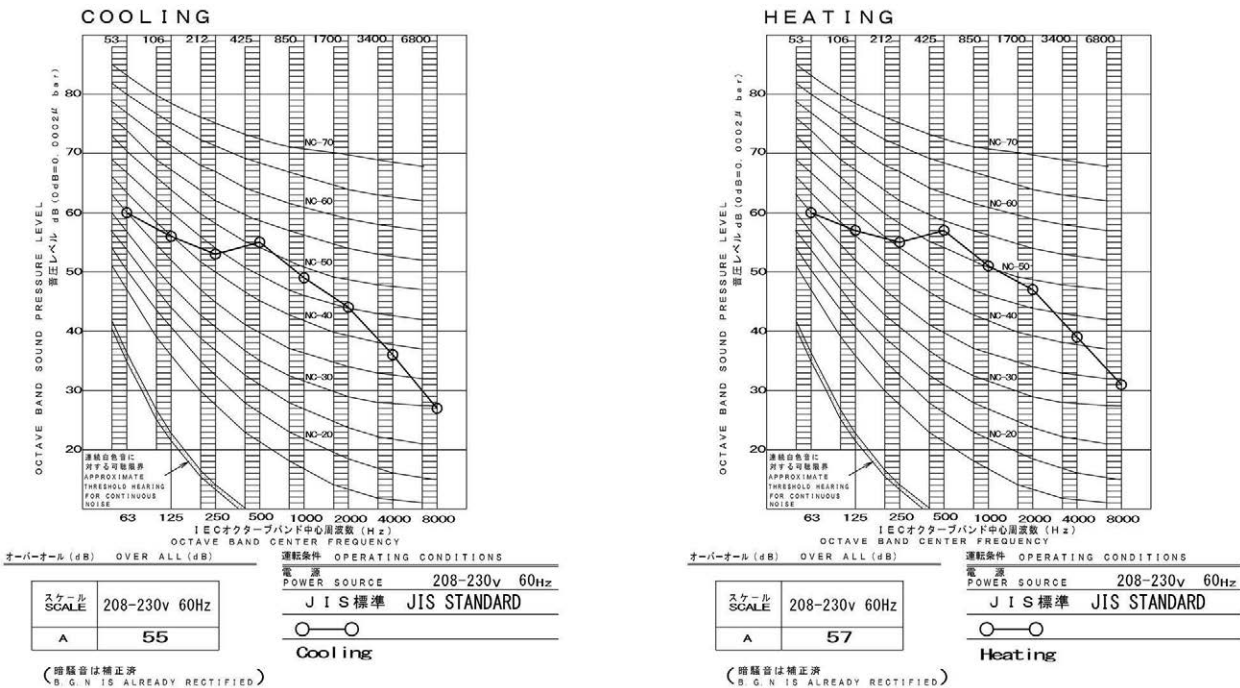
3D151394

4MXM36AVJU9



3D151395

5MXM48AVJU9, 3MXT24AVJU9, 4MXT36AVJU9, 5MXT40AVJU9, 3MXTH24AVJU9, 4MXTH36AVJU9, 5MXTH40AVJU9



3D158362

10. Electric Characteristics

Model		Power Supply				Fan/compressor
		Hz - Volts	Voltage Range	MCA	MOP	Inverter drive input
MXM Series	2MXM18AVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	15.6	20.0	13.7
	3MXM24AVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	19.9	25.0	17.4
	4MXM36AVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	24.1	25.0	20.8
	5MXM48AVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	38.1	40.0	31.6
MXT Series	2MXT18AVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	18.7	20.0	14.2
	3MXT24AVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	33.6	35.0	27.4
	4MXT36AVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	37.5	40.0	31.0
	5MXT40AVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	37.9	40.0	31.4
MXTH Series	2MXTH18AVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	19.6	20.0	14.2
	3MXTH24AVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	34.4	35.0	27.4
	4MXTH36AVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	38.3	40.0	31.0
	5MXTH40AVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	38.6	40.0	31.4

C: 3D151489

C: 3D157875

Symbols:

MCA	: Min. circuit ampacity	(A)
MOP	: Max. overcurrent protective device	(A)

Notes:

1. Inverter drive input is the current value specified in Annex 101.DVA.
2. Maximum allowable voltage variation between phases is 2%.
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker.
5. Be sure to install a ground leak detector.

(This unit uses an inverter, which means that an earth leak detector capable of handling high harmonics must be used in order to prevent malfunctioning of the ground leak detector.)