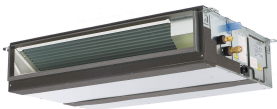


SUBMITTAL DATA: PEAD-A18AA7

18,000 BTU/H HORIZONTAL-DUCTED INDOOR UNIT FOR MXZ MULTI-ZONE HEAT PUMP SYSTEM

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
System Designation:	Schedule No.:	



SPECIFICATIONS:

Rated Capacity*		
Cooling ¹	Btu/h / W	18,000
Heating at 47° F ²	Btu/h / W	21,600

NOTES: *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C (80°F), W.B. 19.4°C (67°F) Outdoor : D.B. 35°C (95°F), W.B. 23.9°C (75°F)
(heating)-Indoor : D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) Outdoor : D.B. 8.3°C (47°F), W.B. 6.1°C (43°F)
*2.Rating conditions(heating)-Indoor : D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) Outdoor : D.B. -8.3°C (17°F), W.B. -9.4°C (15°F)

For data on specific indoor units (all ducted, all non-ducted, and both ducted and non-ducted) combinations, see the MXZ Technical and Service Manual.

Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

ACCESSORIES:

External Fan/Heater Control Adapter (PAC-YU25HT-G)
Cable connector of Remote Sensor (PAC-SA88HA-EP)*
*Allows control of several units with multiple remote control display

Optimal Controls

Wireless Controller (MHK1)
Wired Remote Controller (PAR-40MAA)
Simple MA Remote Controller (PAC-YT53CRAU-J)
Thermostat Interface (PAC-US444CN-1)
System Control Interface (MAC-334IF-E)
Wireless Remote (PAR-FL32MA-E) (Requires PAR-FA32A-E)
Remote Temperature Sensor (PAC-SE41TS-E)

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz	
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Minimum Circuit Ampacity (MCA) *	A	1.69
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Blower Motor (ECM)	F.L.A.	1.35
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Blower Motor Output	W	85
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Moisture Removal	pt/h	3.2
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Field Drainpipe Size O.D.	In.(mm)	1-1/4 (31.75)
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Airflow Rate (Lo - Med - Hi)		
DRY	CFM	424-512-600
WET		382-461-540

Sound Pressure Level (Lo - Med - Hi)		
Cooling	dB(A)	30-33-37

External Dimensions (H x W x D)	In.(mm)	9-7/8 x 35-7/16 x 28-7/8 (251 x 900 x 733)
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Net Weight	Lbs.(kg)	62 (28.1)
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External Finish	Galvanized-steel Sheets	
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Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		1/2 (12.7)

DIMENSIONS: PEAD-A18AA7

- Note 1. Use an M10 screw for the suspension bolt (field supply).
2. Keep the service space for maintenance at the bottom.
3. This drawing is for PEAD-A24-30-36-42 AA7 models, which have 2 fans. PEAD-A09-12-15-18AA7 models have 1 fan.
4. If the inlet duct is used, remove the air filter (supplied with the unit), then install the filter (field supply) at the suction side.
5. Heat air to 0°C (32°F) or higher when taking fresh air with a fresh air intake.

Model	Unit:mm(in.)		
	J	① Gas pipe	② Liquid pipe
PEAD-A09AA7	62 (2-1/2)	ø9.52 (3/8)	ø6.35 (1/4)
PEAD-A12.15, 18AA7	62 (2-1/2)	ø12.7 (1/2)	ø6.35 (1/4)
PEAD-A24.30AA7	66 (2-5/8)	ø15.88 (5/8)	ø9.52 (3/8)
PEAD-A36.42AA7			

Model	A	B	C	E	F	G	H
PEAD-A09.12	900	954	1000	860	800	858	72
15.18AA7	(39-716)	(37-916)	(39-38)	(33-78)	(31-12)	(33-136)	(2-718)
PEAD-A24.30AA7	1100	1154	1200	1060	1000	1058	78
	(43-516)	(45-716)	(47-14)	(41-34)	(39-38)	(41-1116)	(3-118)
PEAD-A36.42AA7	1400	1454	1500	1360	1300	1358	78
	(55-18)	(57-116)	(59-116)	(53-916)	(51-316)	(53-112)	(3-118)

