

SUBMITTAL DATA: PLA-A18BA4 18,000 BTU/H CEILING CASSETTE INDOOR UNIT FOR MXZ-B MULTI-ZONE HEAT-PUMP SYSTEMS

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

GENERAL FEATURES

- Built-in drain life mechanism for condensate removal; lifts to 33-7/16"
- Wide air flow pattern for better air distribution
- Auto wave airflow in heating mode—unit independently cycles through horizontal and vertical positions for more even heat distribution
- Independent vane adjustment
- Automatic fan speed control
- Self-check function—integrate diagnostics
- Advanced microprocessor control
- Limited warranty: five years on parts and defects and seven years on compressors

OPTIONAL ACCESSORIES
Indoor Unit

- ☐ Multi-function Casement (PAC-SH53TM)
- ☐ Air Outlet Shutter Plates (PAC-SH51SP)
- ☐ High-efficiency (MERV 10) Filter (PAC-SH59KF)

Controller Options

- ☐ Wireless Remote Controller Kit (MHK1) with Remote Controller (MRCH1), Wireless Receiver (MIFH1), and cable (MRC1)*
- ☐ Portable Controller (MCCH1; for use with Wireless Remote Controller Kit MHK1)*
- ☐ Setback down to 50°F when used with MRCH1 Remote Controller
- ☐ Outdoor Air Sensor (MOS1; for use with Remote Controller (MRCH1), Wireless Remote Controller Kit (MHK1) and Portable Controller (MCCH1)*

*See Submittal for information on each option.

- ☐ Wall-mounted Wired Remote Controller (PAR-21MAA)
- ☐ M-NET Adapter (PAC-SF81MA)
- ☐ CN51 Connector for Multiple Remote Controller Adapters/Duct Fan Controller (PAC-725AD)
- ☐ CN24 Relay Kit (CN24RELAY-KIT-CM)
- ☐ CN32 Connector for Remote On/Off (PAC-715AD)
- ☐ Remote Temperature Sensor (PAC-SE41TS)
- ☐ Remote Operation Adapter - Display and On/Off (PAC-SF40RM)
- ☐ Hand-held Wireless Remote Controller (PAR-FL32MA-E; req. PAR-FA32MA-E)
- ☐ Wireless Signal Receiver Module (PAR-FA32MA-E)
- ☐ i-see Sensor Corner Panel (PAC-SA1ME)
- ☐ Lockdown Bracket for Hand-held Controller (RCMKP1CB)
- ☐ Control/Service Tool (PAC-SK52ST)

Cooling Capacity* 18,000 Btu/h

Heating Capacity at 47°F* 19,000 Btu/h

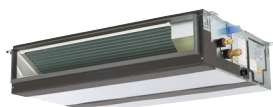
* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB, 67°F (19°C) WB; Outdoor: 95°F (35°C) DB, 75°F (24°C) WB.

(Heating at 47°F) - Indoor: 70°F (21°C) DB, 60°F (16°C) WB; Outdoor: 47°F (8°C) DB, 43°F (6°C) WB.

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



MSZ-GE



SEZ and PEAD-A24AA4



MSZ-FE



MFZ-KA



PCA-A24KA4



SLZ and PLA-A12,18,24BA4



Indoor Unit: PLA-A18BA4

Electrical Requirements

Power Supply 208 / 230V, 1-Phase, 60 Hz
MCA 1 A

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
Indoor - Outdoor S2-S3 DC 24V

Fan Motor. 0.51 F.L.A

Airflow (Lo - M1 - M2 - Hi) 420 - 490 - 570 - 640 Dry CFM
390 - 460 - 530 - 600 Wet CFM

Sound Level (Lo - M1 - M2 - Hi) 28 - 29 - 31 - 32 dB(A)

DIMENSIONS	UNIT INCHES / MM	PANEL INCHES / MM
W	33-1/16 / 840	37-3/8 / 950
D	33-1/16 / 840	37-3/8 / 950
H	10-3/16 / 258	1-3/8 / 35

Weight (Unit/Grille)

lbs. 49 / 13

kg. 22 / 6

External Finish Munsell No. 6.4Y 8.8 / 0.4

Field Drainpipe Size O.D. 1-1/4" / 32 mm

Refrigerant Type R410A

Refrigerant Pipe Size O.D.

Gas Side 1/2" / 12.7 mm

Liquid Side 1/4" / 6.35 mm

Connection Method Flared

MXZ-B SERIES HEAT-PUMP OUTDOOR UNITS


MULTI-ZONE OUTDOOR UNIT

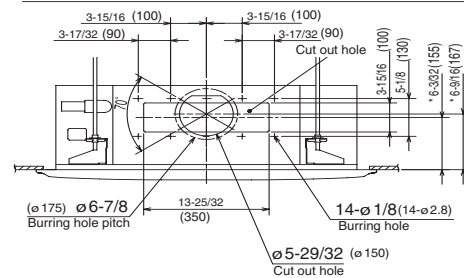
MXZ-B MULTI-ZONE SYSTEMS CAN INCLUDE:

- Ducted Indoor Units:
SEZ-KD09,12,15,18NA, PEAD-A24AA4
 - Nonducted Indoor Units:
**MSZ-GE06,09,12,15,18,24NA,
MSZ-FE09,12,18NA, MFZ-KA09,12,18NA,
PCA-A24KA4, SLZ-KA09,12,15NA, and
PLA-A12,18,24BA4**
 - A combination of both Ducted and Nonducted Indoor Units
- Refer to the separate submittal forms for the MSZ-GE, MSZ-FE, MFZ-KA, SEZ-KD, SLZ-KA, PEAD, PCA, PLA Indoor Units, and MXZ Outdoor Units.

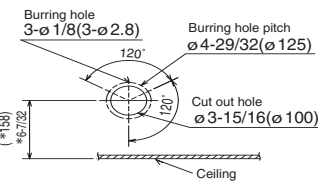
DIMENSIONS: PLA-A18BA4

Unit : inch(mm)

Detail connecting of branch duct (nominal 6" round or nominal 4 x 14" rectangular)



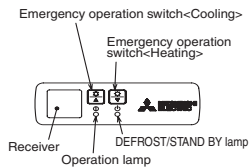
Detail drawing of ventilation air intake connection



In case of standard grille



In case of wireless remote controller



- Note1. Use 1-1/4 in. O.D. (32) PVC TUBE.
 Drain lift mechanism is included.
 2. Suspension bolt, use M10 or W3/8. (Field supplied)
 3. Electrical box may be removed for service purposes. Make sure to slack the electrical wire little bit for control/power wires connection.
 4. The height of the indoor unit is adjustable with the grille attached.
 5. For the installation of the optional high efficiency filter, the optional multi-functional casement is required.
 1) Add 5-5/16 (135mm) to the dimensions marked with an * in the figures
 2) The optional high efficiency filter required optional multi-functional casement.
 6. When installing the branch ducts, be sure to insulate adequately. Otherwise condensation may occur.
 7. As for necessary installation/service space, please refer to the bottom left figure.

Models	①	②	A	B	C	D
PLA-A12BA4 PLA-A18BA4	Refrigerant pipe ...ø 6.35mm Flared connection ...1/4	Refrigerant pipe ...ø 12.7mm Flared connection ...1/2	9-1/2 (241)	10-3/16 (258)	3-5/32 (80)	2-29/32 (74)
PLA-A24BA4 PLA-A30BA4 PLA-A36BA4 PLA-A42BA4	Refrigerant pipe ...ø 9.52mm Flared connection ...3/8	Refrigerant pipe ...ø 15.88mm Flared connection ...5/8	11-1/16 (281)	11-3/4 (298)	3-11/32 (85)	3-1/32 (77)



Intertek



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