MITSUBISHI ELECTRIC
Heating and Cooling

M-SERIES

SUBMITTAL DATA: PEAD-A36AA(7)(8)

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.:	

ACCESSORIES:

Indoor Unit

☐ External Heating Adaptor (PAC-YU25HT)

Controls

☐ Wireless Controller (MHK2)
☐ Advanced Wired Controller (PAR-40MAA)
☐ Simple Wired Controller (PAC-YT53CRAU)
☐ Thermostat Interface (PAC-US444CN)

SPECIFICATIONS:

Rated Capacity*		
Cooling[1]	Btu/h / W	36,000
Heating at 47° F[2]	Btu/h / W	38,000

Rating Conditions per AHRI Standard:
[1] Cooling | Indoor: 80° F(27° C)DB / 67° F(19° C)WB; Outdoor: 95° F(35° C)DB / 75° F(24° C)WB
[2] 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 MXZ Technical and Service Manual.

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

Electrical Power Requirements		208 / 230V, 1-Phase, 60 Hz
Minimum Circuit Ampacity (MCA) *	A	3.30

*All electrical work shall comply with National (CEC) and local codes and regulations.

Blower Motor (ECM)	F.L.A.	2.64
Blower Motor Output	W	244
Field Drainpipe Size O.D.	In.(mm)	1-1/4 (32)

Airflow Rate (Quiet - Lo - Med - Hi)		
DRY	CFM	847-1024-1201

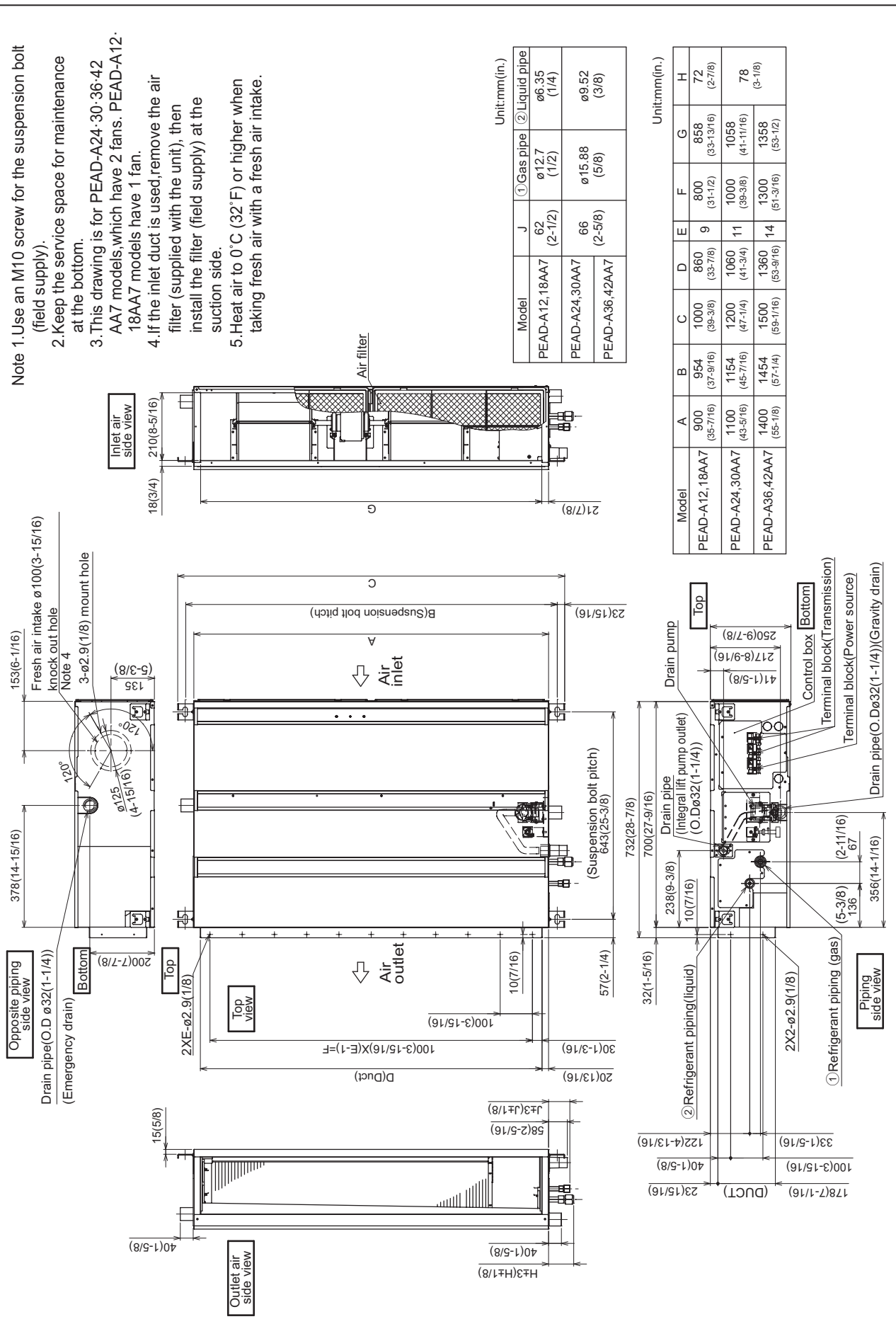
Sound Pressure Level		
(Lo - Med - Hi)	dB(A)	33-38-42

External Dimensions (H x W x D)	In.(mm)	9-7/8 x 55-1/8 x 28-7/8 (250 x 1400 x 732)
Net Weight	Lbs.(kg)	86 (39)
External Finish		Galvanized-steel Sheet

Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	3/8 (9.52)
Gas (Low Pressure)		5/8 (15.88)

Specifications are subject to change without notice.

DIMENSIONS: PEAD-A36AA(7)(8)



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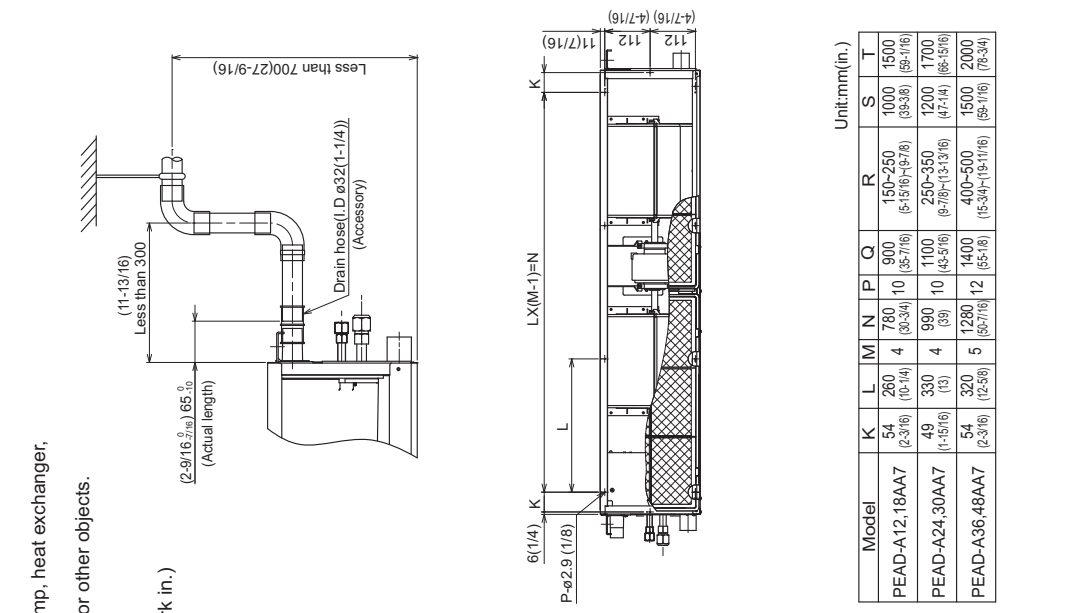

Unit:mm(in.)

Model	K	L	M	N	P	Q	R	S	T
PEAD-A12,18AA7	54 (2-3/16)	260 (10-1/4)	4	780 (30-3/4)	10	900 (35-7/16)	150~250 (5-15/16)~(9-7/8)	1000 (39-3/8)	1500 (59-1/16)
PEAD-A24,30AA7	49 (1-15/16)	330 (13)	4	990 (39)	10	1100 (43-9/16)	250~350 (9-7/8)~(13-13/16)	1200 (47-1/4)	1700 (66-15/16)
PEAD-A36,48AA7	54 (2-3/16)	320 (12-5/8)	5	1280 (50-7/16)	12	1400 (55-1/8)	400~500 (15-3/4)~(19-11/16)	1500 (59-1/16)	2000 (78-3/4)

Unit: mm (in.)

[Maintenance access space]
Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and control box in one of the following ways.
Select an installation site for the indoor unit so that it's maintenance access space will not be obstructed by beams or other objects.

(1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)
- Create access door 1 and 2 (450x450mm each) as shown in Fig.2.
  (Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)

(2) When a space of less than 300mm is available below the unit between the unit and the ceiling.
(At least 20mm of space should be left below the unit as shown in Fig.3.)
- Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.
  or
- Create access door 4 below the control box and the unit as shown in Fig.5.