

SUBMITTAL DATA: PCA-A24KA7 & PUZ-HA24NHA

24,000 BTU/H CEILING-SUSPENDED HEAT PUMP SYSTEM

Job Name:	Engineer:
Purchaser:	Application:
Submitted To:	For: ☐ Reference ☐ Approval ☐ Construction
Submitted By:	Location:
System Designation:	Schedule No.:



Indoor Unit: PCA-A24KA7



Outdoor Unit: PUZ-HA24NHA

ACCESSORIES:

Indoor

- Remote Controller Kit with i-See Sensor (PAR-SA92MW-E)
- Drain Pump (PAC-SH84DM-E)
- External Heater Adaptor (PAC-SE56RA-E)

Optional Controls

- Wireless Controller (MHK1)
- Advanced Wired Controller (PAR-40MAA)
- Simple Wired Controller (PAC-YT53CRAU)
- Thermostat Interface (PAR-US444CN)
- M-NET Adapter (PAC-SJ95MA-E)

Outdoor Unit

- Rear Snow Guard (PRE-24-30)
- Side Snow Guard (PSD-24-30)
- Front Wind Deflector (PFR-24-30)

Note: Mitsubishi Electric (MESCA) supports the use of only MESCA supplied and approved Snow Guard / Wind Deflectors / Windscreens and accessories for proper functioning of the unit(s). Use of non-MESCA supported Snow Guard / Wind Deflectors / Windscreens and accessories will affect warranty coverage.

SPECIFICATIONS:

Rated Conditions (Capacity / Input)*		
Cooling	Btu/h / W	23,000 / 1,840
Heating at 47° F (Max.)	Btu/h / W	26,000 / 2,050
Heating at 17° F (Max.)	Btu/h / W	26,000 / 3,750

* Rating Conditions per AHRI Standard:

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
 Heating at 17° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB

Capacity Range		
Cooling	Btu/h	10,000 - 24,000
Heating at 47° F	Btu/h	10,000 - 28,000

Operating Range		
Cooling	0° F** to 115° F (-18° C to 46° C) DB	
Heating	-13° F to 70° F (-25° C to 21° C) DB	

** Windscreens required for cooling operation below 23°F (-5°C)

AHRI Efficiency Rating	
EER	12.5
SEER	18.5
HSPF IV / V	10.8 / NA
COP at 47° F (Rated)	3.72
COP at 17° F (Max.)	2.03
COP at 5° F (Max.)	1.90

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz
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Minimum Circuit Ampacity (MCA) *	ODU Breaker Size	MOCP (Outdoor)
Indoor 1 AMP	Outdoor 19 AMP	25 AMP
		26 AMP

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

Indoor Unit		
Fan Motor (ECM)	F.L.A.	0.54
Fan Motor Output	W	95
SHF / Moisture Removal		0.73 / 5.6 pt./h
Field Drainpipe Size O.D	in. (mm)	1-1/32 (26)

Outdoor Unit		
Compressor		SCROLL
Fan Motor (ECM)	F.L.A.	0.4
Fan Motor Output	W	86

Airflow Rate (Low-M1-M2-Hi)			
Indoor (Cooling)	DRY	CFM	530-565-600-670
	WET		495-530-565-635
Outdoor	DRY		1,940

Sound Pressure Level			
Indoor (Low-M1-M2-Hi)	Cooling	dB(A)	33-35-37-40
			52
			53

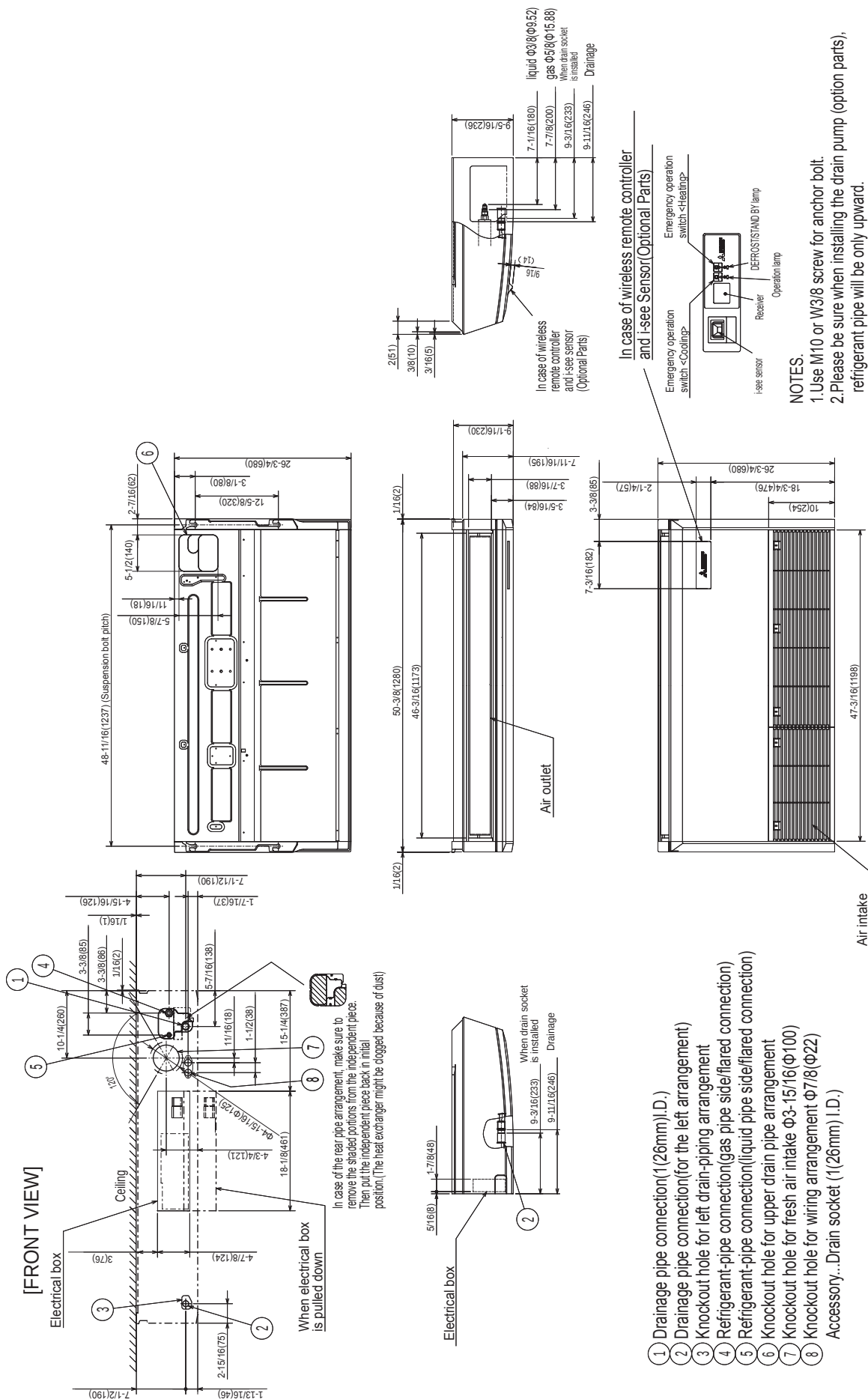
External Dimensions		
Indoor (H x W x D)	In.(mm)	9-1/16 x 50-3/8 x 26-3/4 (230 x 1,280 x 680)
Outdoor (H x W x D)		37-1/8 x 37-13/32 x 13 + 1-3/16 (943 x 950 x 330 + 30)

Net Weight		
Indoor	Lbs.(kg)	71 (32)
Outdoor		188 (85)

External Finish	
Indoor	White Munsel No. 6.4Y 8.9/0.4
Outdoor	Ivory Munsel No. 3Y 7.8 / 1.1

Refrigerant	R410A ; 7lbs., 11oz. (3.5kg)
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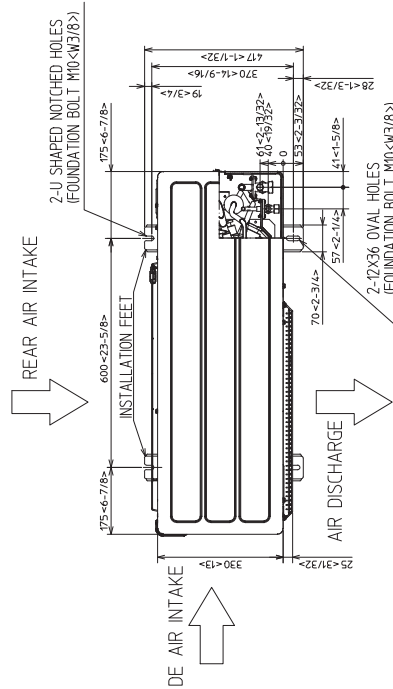
Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	3/8 (9.52)
Gas (Low Pressure)		5/8 (15.88)
Maximum Total Refrigerant Pipe Length	Ft. (m)	165 (50)
Maximum Vertical Separation	Ft. (m)	100 (30)



Form # SB_PCA-A24KA7_PUZ-HA24NHA_201912a

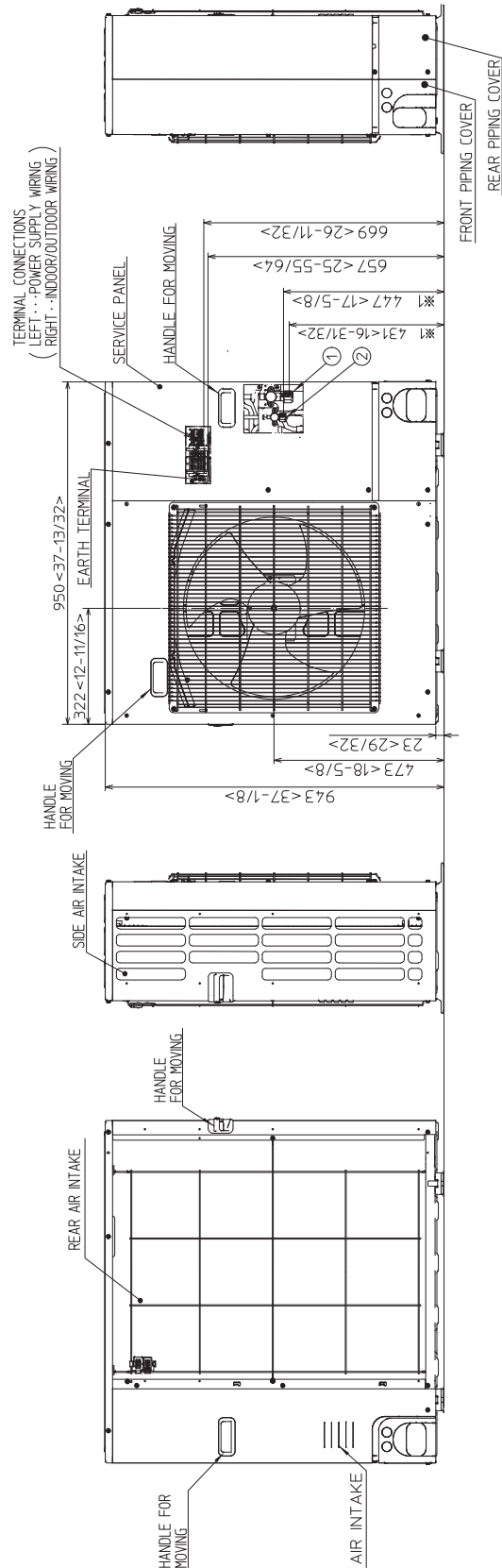
DIMENSIONS: PUZ-HA24NHA

Unit: mm (in.)



EXAMPLE OF NOTES

- ① ... REFRIGERANT GAS PIPE CONNECTION (FLARE) Ø15.88 (5/8")
- ② ... REFRIGERANT LIQUID PIPE CONNECTION (FLARE) Ø 9.52 (3/8")
- ※1 ... INDICATION OF STOP VALVE CONNECTION LOCATION



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