

SUBMITTAL DATA: PCA-A30KA7 & PUZ-HA30NHA5 30,000 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-A30KA7



Outdoor Unit: PUZ-HA30NHA5

UNIT OPTION:

Standard Model.....PUZ-HA30NHA5

ACCESSORIES:

Indoor

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

Controls

- Wireless Controller (MHK1)
- Advanced Wired Controller (PAR-33MAA)
- Simple Wired Controller (PAC-YT53CRAU)
- Thermostat Interface (PAR-US444CN)
- M-NET Adapter (PAC-SF83MA-E)

Outdoor Unit

- Rear Snow Guard (SG-1-RE)
- Side Snow Guard (SG-1-SD)
- Front Wind Deflector (x2 required) (PE-FR-24-36)

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	30,000 / 2,480
Heating at 47° F	Btu/h / W	32,000 / 2,990
Heating at 17° F	Btu/h / W	32,000 / 5,170

* 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	18,000 - 30,000
Heating at 47° F	Btu/h	18,000 - 34,000

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	12.1
SEER	16.1
HSPF IV / V	9.3 / 7.2
COP at 47° F	3.14
COP at 17° F	1.81

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz
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Minimum Circuit Ampacity (MCA) *	Breaker Size	MOCP (Outdoor)
Indoor 1 AMP	Outdoor 28 AMP	30 AMP 40 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		0.69 / 8.3 pt./h
Field Drainpipe Size O.D	in. (mm)	1-1/32 (26)

Outdoor Unit		
Compressor		DC INVERTER-driven Twin Rotary
Fan Motor (ECM)	F.L.A.	0.4 + 0.4
Fan Motor Power	W	86 + 86

Airflow Rate (Low-M1-M2-Hi)			
Indoor (Cooling)	DRY	CFM	565-600-635-705
	WET		530-565-600-670
Outdoor	DRY		3,530

Sound Pressure Level			
Indoor (Low-M1-M2-Hi)	Cooling	dB(A)	35-37-39-41
			52
			53

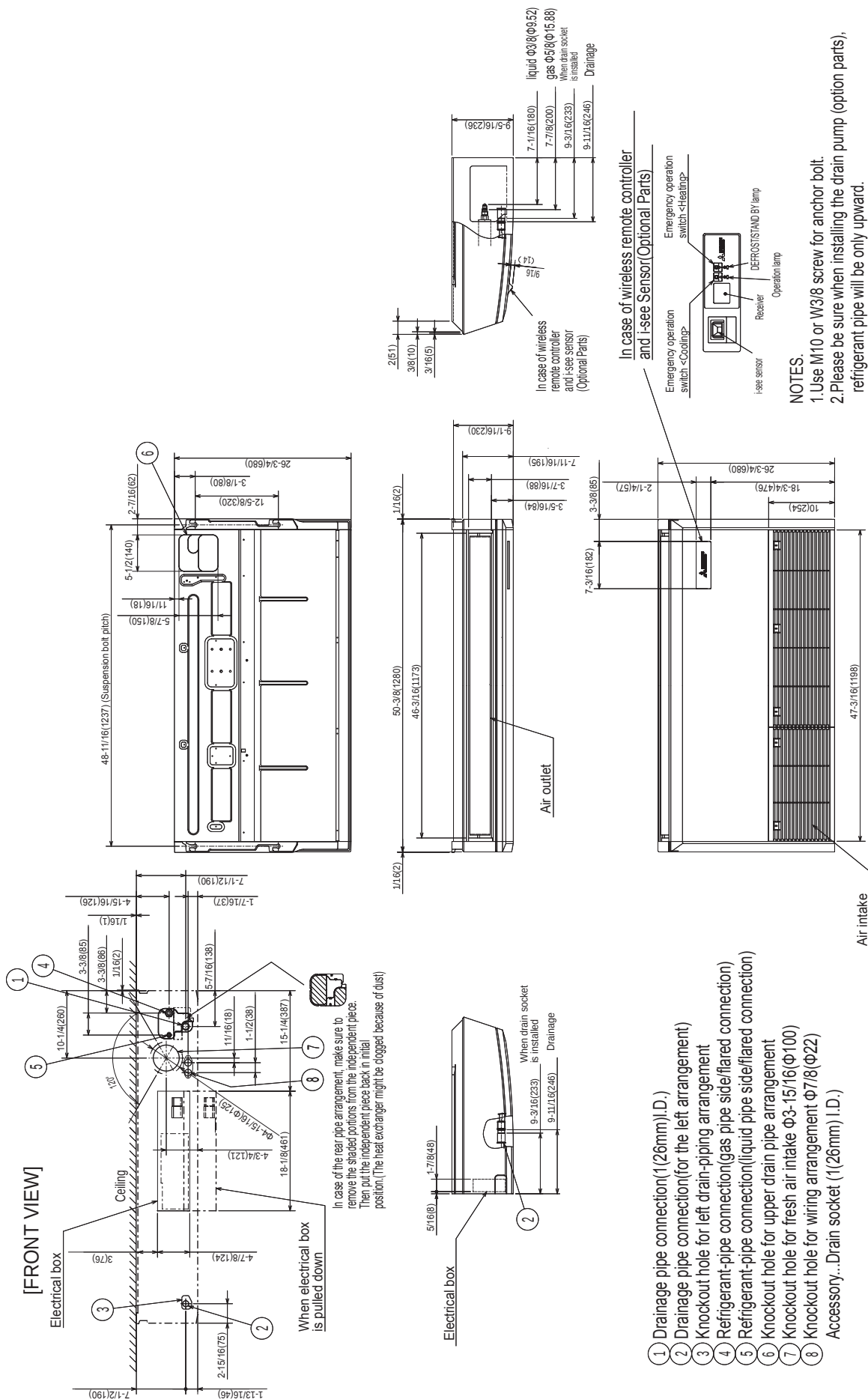
External Dimensions		
Indoor (H x W x D)	In.(mm)	9-1/16 x 50-3/8 x 26-3/4 (230 x 1,280 x 680)
Outdoor (H x W x D)		53-1/8 x 37-3/8 x 13 + 1-3/16 (1,350 x 950 x 330 + 30)

Net Weight		
Indoor	Lbs.(kg)	71 (32)
Outdoor		265 (120)

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

Refrigerant	R410A ; 12lbs., 2oz. (5.5kg)
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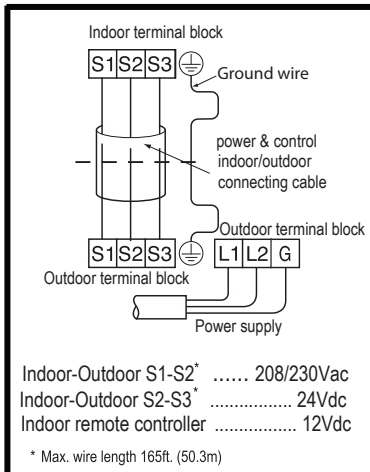
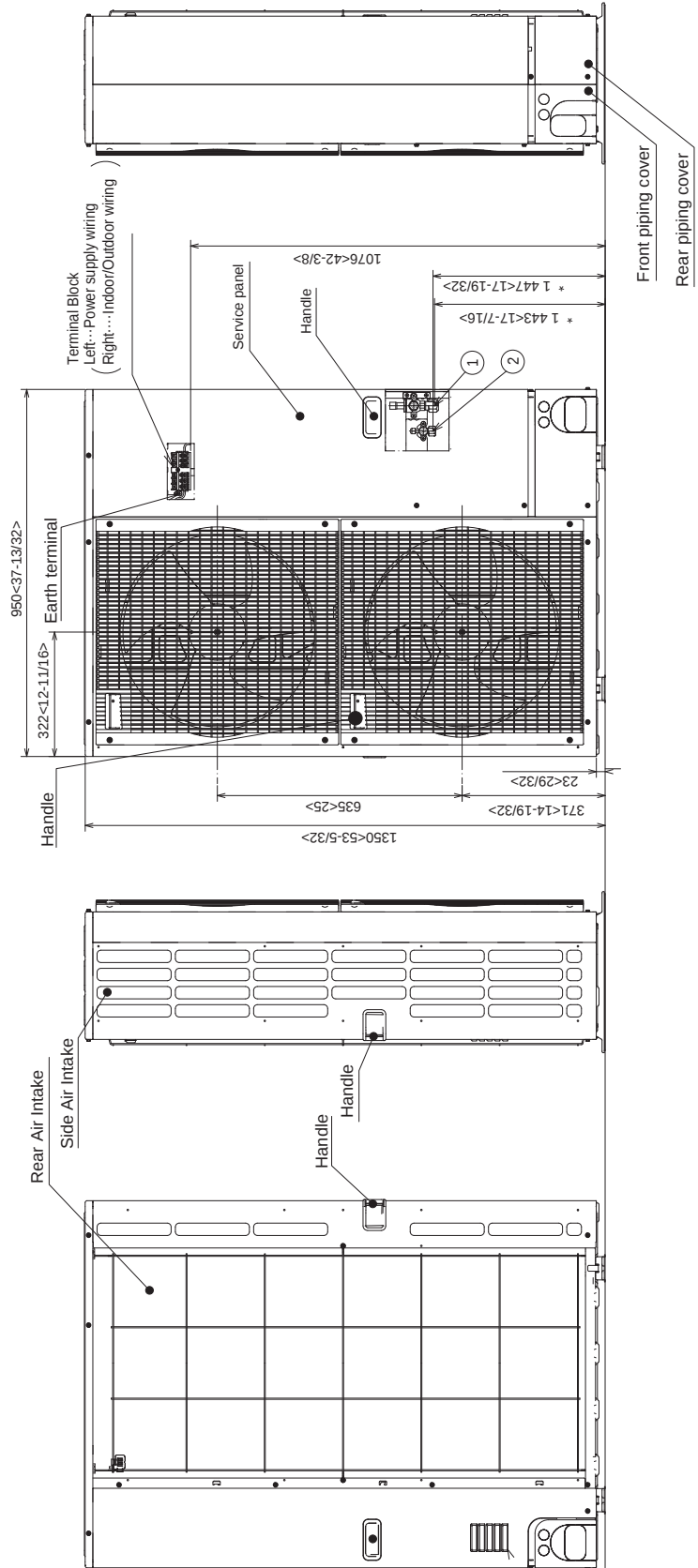
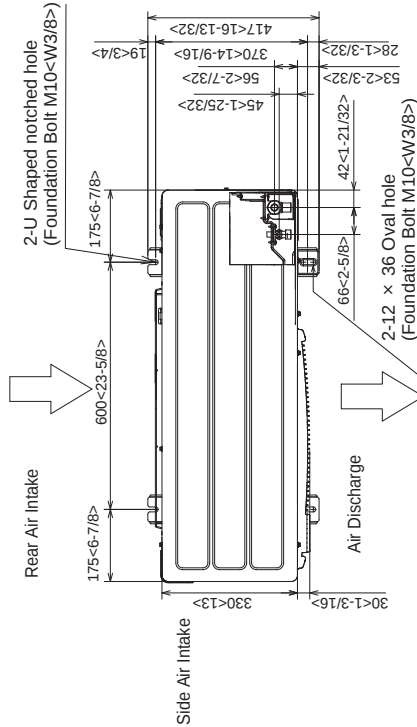
Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	3/8 (9.52)
Gas (Low Pressure)		5/8 (15.88)
Maximum Total Refrigerant Pipe Length	Ft. (m)	245 (75)
Maximum Vertical Separation	Ft. (m)	100 (30)



Form # SB PCA-A30KA7 PUZ-HA30NHA5 201803

DIMENSIONS: PUZ-HA30NHA5

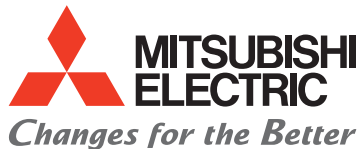
Unit: mm (in.)



Example of Notes

- ①...Refrigerant GAS pipe connection (FLARE)/15.88<5/8>
- ②...Refrigerant LIQUID pipe connection (FLARE)/9.52<3/8>
- *1 ...Indication of STOP VALVE connection location.

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