

SUBMITTAL DATA: PCA-A24GA & PUZ-A24NHA
24,000 BTU/H CEILING-SUSPENDED HEAT-PUMP SYSTEM

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

GENERAL FEATURES

- Limited warranty: one year on parts and defects and six years on compressor
- Compact outdoor unit
- R410A refrigerant
- Zone control
- Automatic fan speed control
- Quiet operation – both, indoor and outdoor units
- Auto restart following a power outage
- Self check function
- Advanced microprocessor controls
- Auto changeover for cooling and heat
- Hard-wired, wall-mounted controller (PAR-21MAA)

Cooling

Rated capacity 24,000 Btu/h
 Minimum capacity 12,000 Btu/h
 Total input 2500 W
 SEER 13.4
 Power supply 208 / 230V, 1 Phase, 60 Hz
 Breaker size 25 A

Heating

Rated capacity 26,000 Btu/h
 Minimum capacity 12,000 Btu/h
 Total input 2570 W
 HSPF (IV/V) (Btu/h/W) 8.5 / 6.8

Voltage

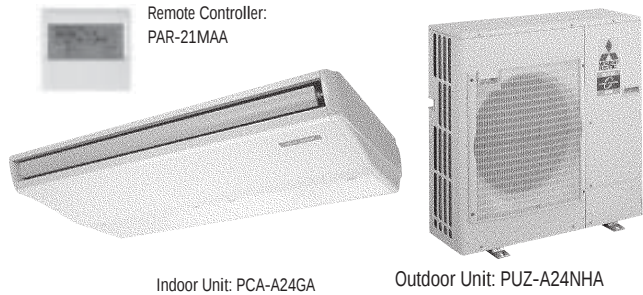
Indoor - outdoor S1-S2 AC 208/230V
 Indoor - outdoor S2-S3 DC 24V
 Indoor - remote controller DC

Indoor unit

MCA 1 A
 Fan motor 0.53 F.L.A.
 Fan motor output 70 W
 Airflow (Lo-M1-M2-Hi) 495-530-565-635 Dry CFM
 445-480-510-570 Wet CFM
 Sound (level) (Lo-M1-M2-Hi) 37-39-41-43 dB(A)

DIMENSIONS	INCHES	MM
W	51-9/16	1310
D	26-3/4	680
H	8-9/32	210

Weight (lbs/Kg) 75 / 34
 Field drain pipe size I.D. (inches/mm) 1 / 25.4


Outdoor unit

Compressor DC inverter/twin rotary
 MCA 18
 Fan motor 0.75 F.L.A.
 Sound level (heating/cooling) 48 / 50 dB(A)

DIMENSIONS	INCHES	MM
W	37-3/8	950
D	13 + 1-3/16	330 + 30
H	37-1/8	943

Weight (lbs/Kg) 165 / 75
 Refrigerant type R410A
 Refrigerant pipe size O.D. (inches/mm)
 gas side 5/8 / 15.88
 liquid side 3/8 / 9.52
 Max. refrigerant pipe length (ft/m) 165 / 50
 Max. refrigerant pipe height difference (ft/m) 100 / 30
 Connection method flared

NOTES :

*1. Rating conditions (cooling)-indoor : D.B. 80°F, W.B. 67°F
 outdoor : D.B. 95°F, W.B. 75°F.

*2. Rating conditions (heating)-indoor : D.B. 70°F, W.B. 60°F outdoor : D.B. 17°F, W.B. 15°F.

Operating range

		Indoor intake air temp.	Outdoor intake air temp.
Cooling	Maximum	D.B. 95°F, W.B. 71°F	D.B. 115°F
	Minimum	D.B. 67°F, W.B. 57°F	D.B. 0°F *
Heating	Maximum	D.B. 80°F, W.B. 67°F	D.B. 70°F, W.B. 59°F
	Minimum	D.B. 70°F, W.B. 60°F	D.B. 12°F, W.B. 10°F

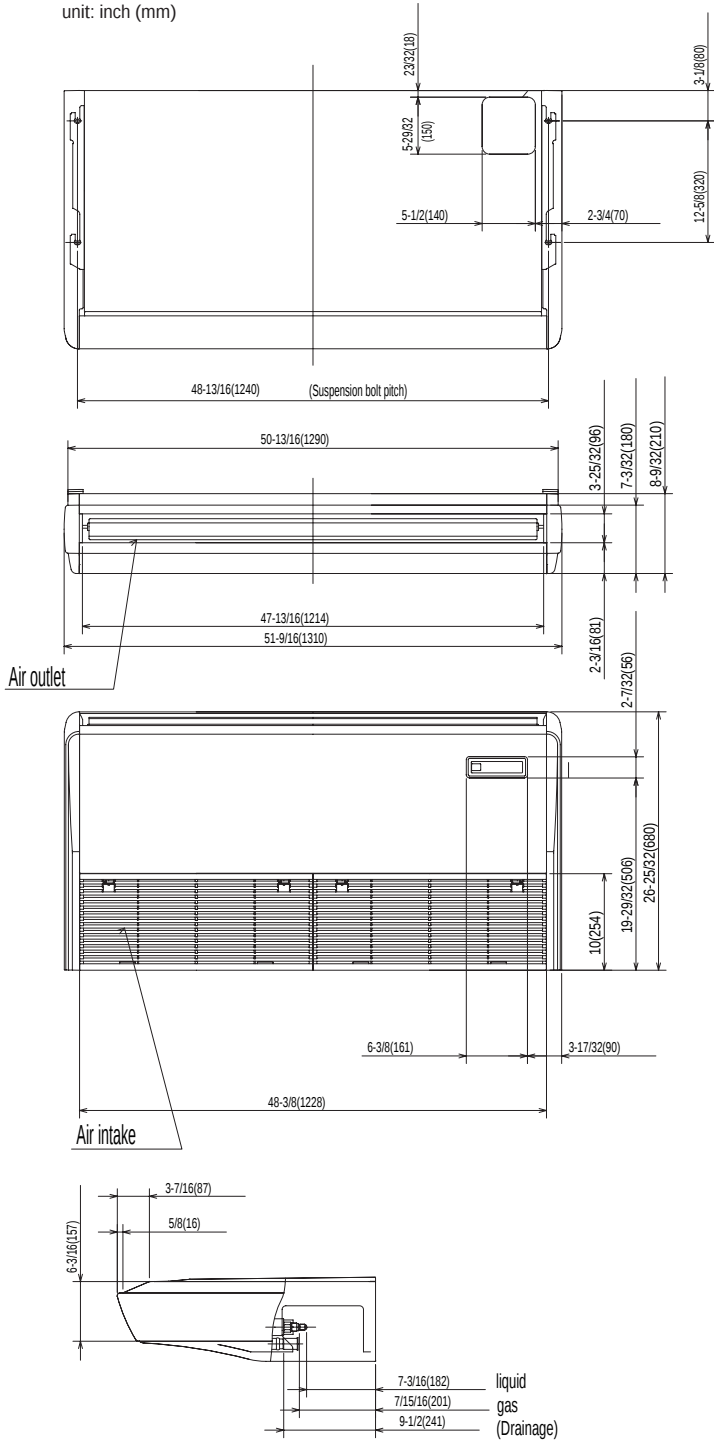
* With wind baffle installed. If not installed, the minimum rated ten



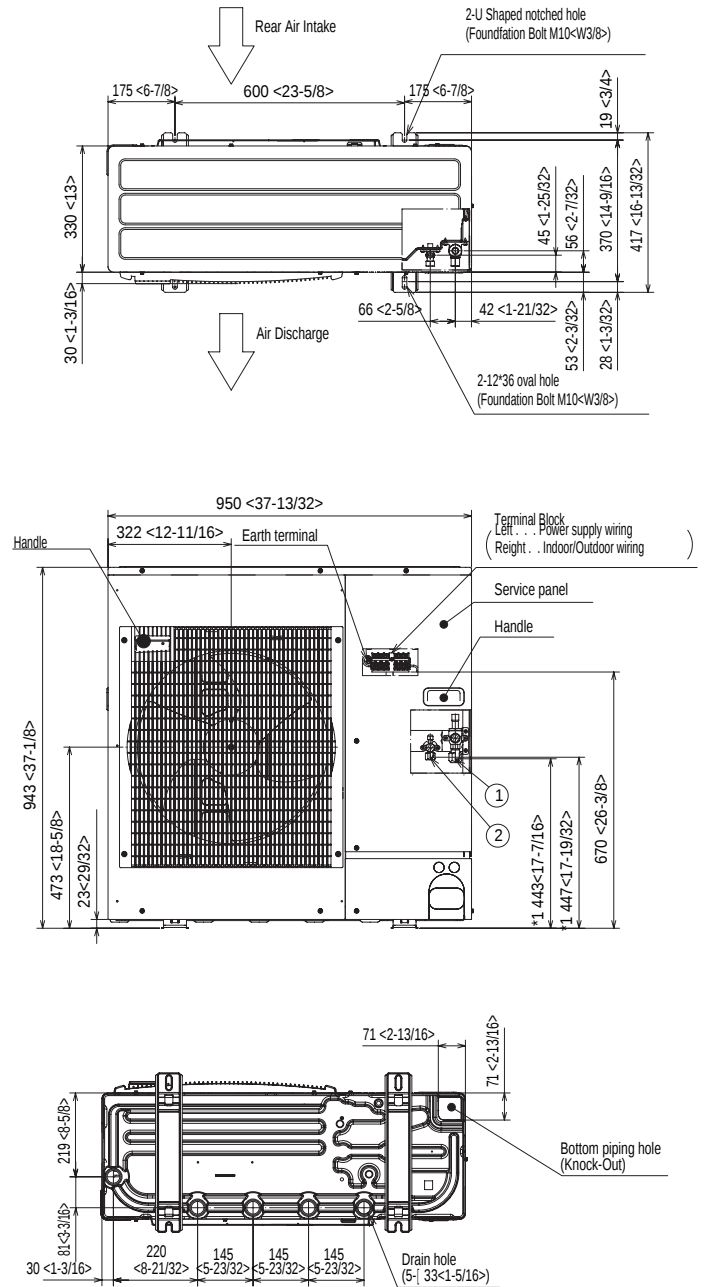

Notes:

DIMENSIONS: PCA-A24GA & PUZ-A24NHA

unit: inch (mm)



unit: mm <inches>



HVAC Advanced Products Division
Mitsubishi Electric & Electronics USA, Inc.

3400 Lawrenceville Suwanee Rd
Suwanee, GA 30024
Tele: 678-376-2900 • Fax: 800-889-9904
Toll Free: 800-433-4822 (#3)
www.mehvac.com