

SUBMITTAL DATA: PKA-A24FA & PUZ-A24NHA
24,000 Btu/h WALL-MOUNTED HEAT PUMP SYSTEM

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

GENERAL FEATURES

- Limited warranty: five years on parts and defects and seven years on compressors
- Compact side-discharge outdoor unit
- Zone control
- Hard-wired, wall-mounted remote controller (PAR-21MAA)
- Automatic fan speed control
- Quiet operation – both, indoor and outdoor units
- Auto restart following a power outage
- Self check function
- Advanced microprocessor control
- Auto changeover for cooling and heat

Cooling

Rated capacity 24,000 Btu/h
 Minimum capacity 12,000 Btu/h
 Total input 2650 W
 SEER 13.5
 Power supply 208 / 230V, 1 Phase, 60 Hz
 Breaker size 25 A

Heating

Rated capacity 28,000 Btu/h
 Minimum capacity 12,000 Btu/h
 Total input 2570 W
 HSPF (I/V) (Btu/h/W) 8.5 / 6.8

Voltage

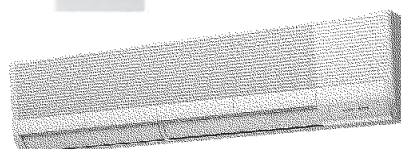
Indoor - outdoor S1-S2 AC 208/230V
 Indoor - outdoor S2-S3 DC 24V
 Indoor - remote controller DC

Indoor unit

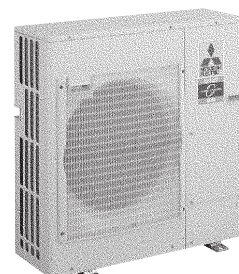
MCA 1 A
 Fan motor 0.43 F.L.A.
 Fan motor output 45 W
 Airflow (Lo-Hi) 530-705 Dry CFM
 480-635 Wet CFM
 Sound level (Lo-Hi) 39-45 dB(A)

DIMENSIONS	INCHES	MM
W	55-1/8	1400
D	9-1/4	235
H	13-3/8	340

Weight (lbs/kg) 53 / 24
 Field drain pipe size I.D. (inches/mm) 3/4 / 19.05

 Remote Controller:
PAR-21MAA


Indoor Unit: PKA-A24FA



Outdoor Unit: PUZ-A24NHA

Outdoor unit

Compressor DC inverter/twin rotary
 MCA 18
 Fan motor 0.75 F.L.A.
 Sound level 48 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

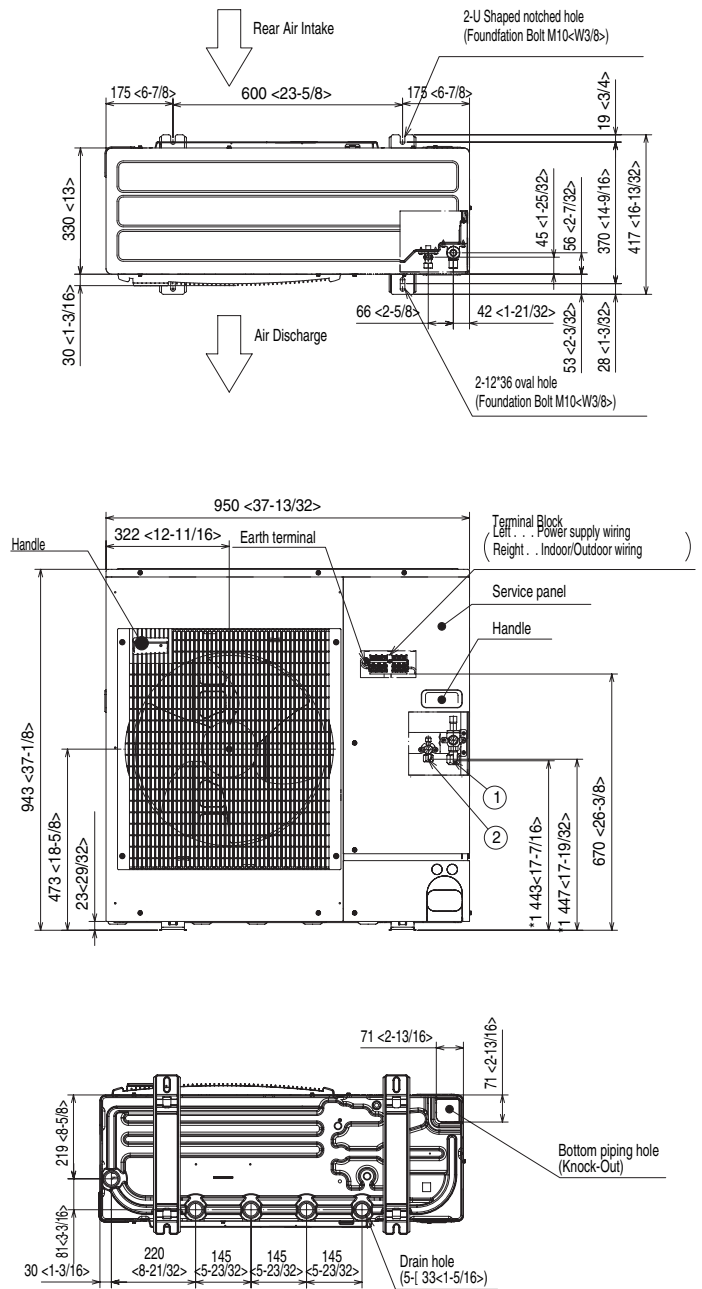
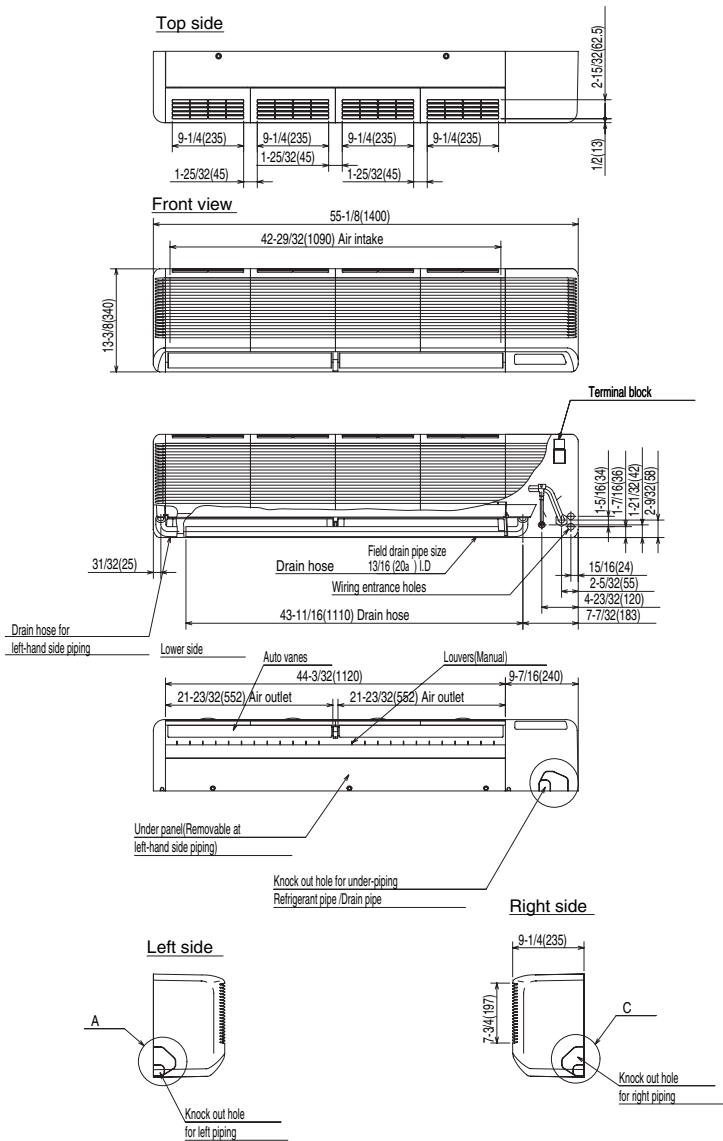
		Indoor intake air temp.	Outdoor intake air temp.
Cooling	Maximum	D.B. 95°F, W.B. 71°F	D.B. 115°F
	Minimum	D.B. 67°F, W.B. 57°F	D.B. 0°F *
Heating	Maximum	D.B. 80°F, W.B. 67°F	D.B. 70°F, W.B. 59°F
	Minimum	D.B. 70°F, W.B. 60°F	D.B. 12°F, W.B. 10°F

* With wind baffle installed. If not installed, the minimum rated temperature is 23°FDB.



Notes:

DIMENSIONS: PKA-A24FA & PUZ-A24NHA



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
Specifications are subject to change without notice.