

SUBMITTAL DATA: PKA-A18HAL & PUY-A18NHA3

18,000 BTU/H WALL-MOUNTED AIR-CONDITIONING SYSTEM

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

GENERAL FEATURES

- Wall-mounted indoor unit for residential and commercial applications
- Shiny-white-exterior plastic; compact design
- Quiet operation—both indoor and outdoor units
- Wireless remote controller is included
- Self-check function—integrated diagnostics
- Limited warranty: five years on parts and defects and seven years on compressors

OPTIONAL ACCESSORIES
Indoor Unit

- Remote Temperature Sensor (PAC-SE41TS-E)

Outdoor Unit

- M-NET Adapter (PAC-SF81MA-E)
- Air Outlet Guide (PAC-SG58SG-E)
- Wind Baffle (WB-PA1)

Cooling*

Rated Capacity 18,000 Btu/h
Minimum Capacity 8,000 Btu/h
SEER 15.3 Btu/h/W
Total Input 2,240 W

* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB / 67°F (19°C) WB.
Outdoor: 95°F (35°C) DB / 75°F (24°C) WB.

Electrical Requirements

Power Supply 208 / 230V, 1-Phase, 60 Hz
Breaker Size 15 A

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
Indoor - Outdoor S2-S3 DC 24V
Wireless Remote Controller DC

OPERATING RANGE

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling	Maximum	95°F (35°C) DB, 71°F (22°C) WB	115°F (46°C) DB
	Minimum	67°F (19°C) DB, 57°F (14°C) WB	0°F** (-18°C) DB

** With optional wind baffle accessory installed. If not installed, the minimum temperature will be 23°F (-5°C) DB.



Indoor Unit: PKA-A18HAL

Wireless Remote
Controller


Outdoor Unit: PUY-A18NHA3

Indoor Unit

MCA 1 A
Fan Motor 0.33 F.L.A.
Fan Motor Output 30 W
Airflow (Lo - Mid - Hi) 320 - 370 - 425 Dry CFM
290 - 335 - 380 Wet CFM
Air Filter Polypropylene Honeycomb
Sound Pressure Level (Lo - Mid - Hi) 36 - 40 - 43 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	35-3/8 / 898
D	9-13/16 / 249
H	11-5/8 / 295

Weight 29 lbs. / 13 kg
External Finish Munsell No. 1.0Y 9.2 / 0.2
Field Drainpipe Size O.D. 5/8" / 16 mm
Remote Controller Wireless

Outdoor Unit

Compressor DC Inverter-driven Twin Rotary
MCA 13 A
Fan Motor 0.35 F.L.A.
Sound Pressure Level
Cooling 46 dB(A)

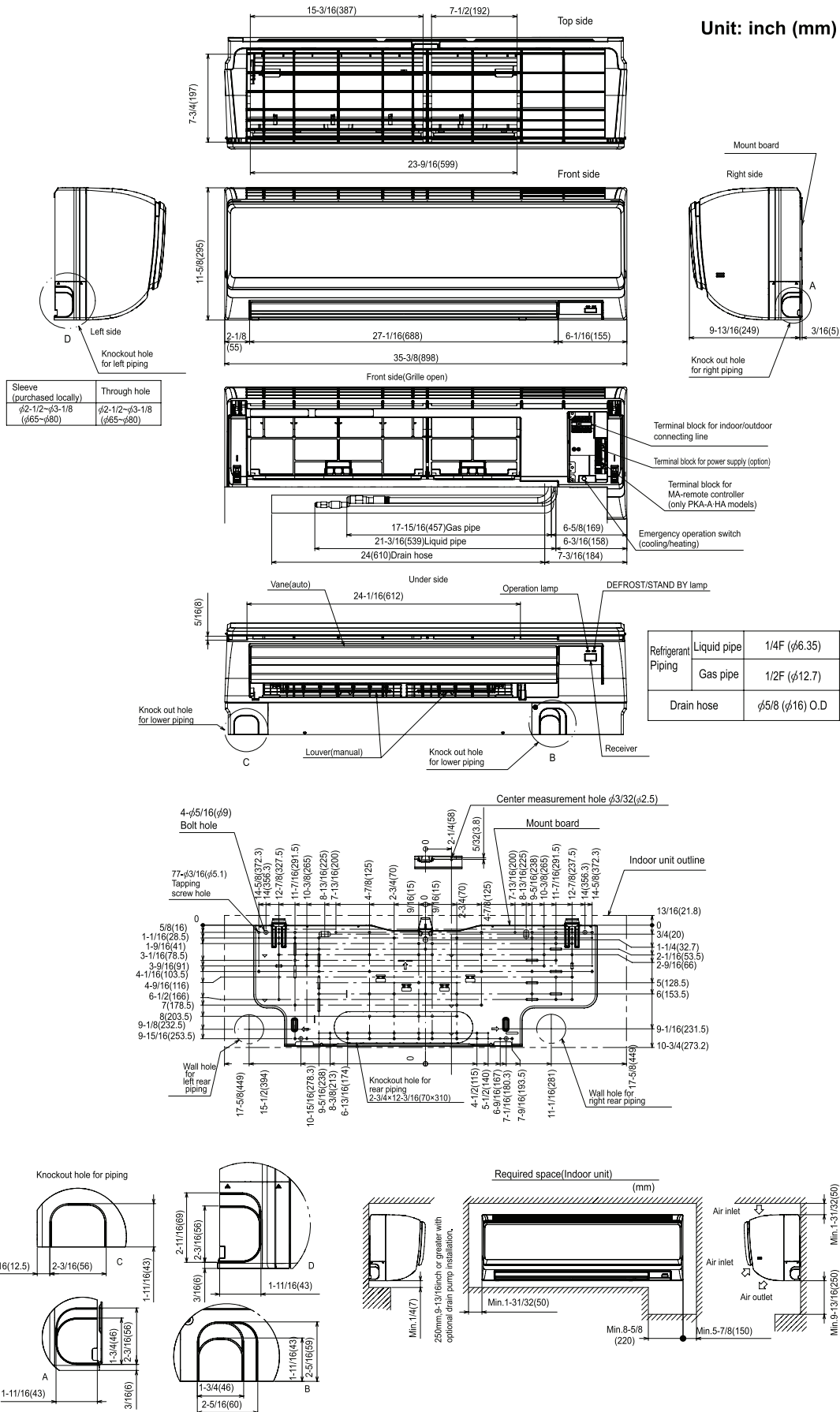
DIMENSIONS	INCHES / MM
W	31-1/2 / 800
D	13 + 7/8 / 330 + 23
H	23-5/8 / 600

Weight 97 lbs. / 44 kg
External Finish Munsell No. 3Y 7.8 / 1.1
Refrigerant Type R410A
Refrigerant Pipe Size O.D.
Gas Side 1/2" / 12.7 mm
Liquid Side 1/4" / 6.35 mm
Max. Refrigerant Pipe Length 100' / 30 m
Max. Refrigerant Pipe Height Difference 100' / 30 m
Connection Method Flared


INVERTER

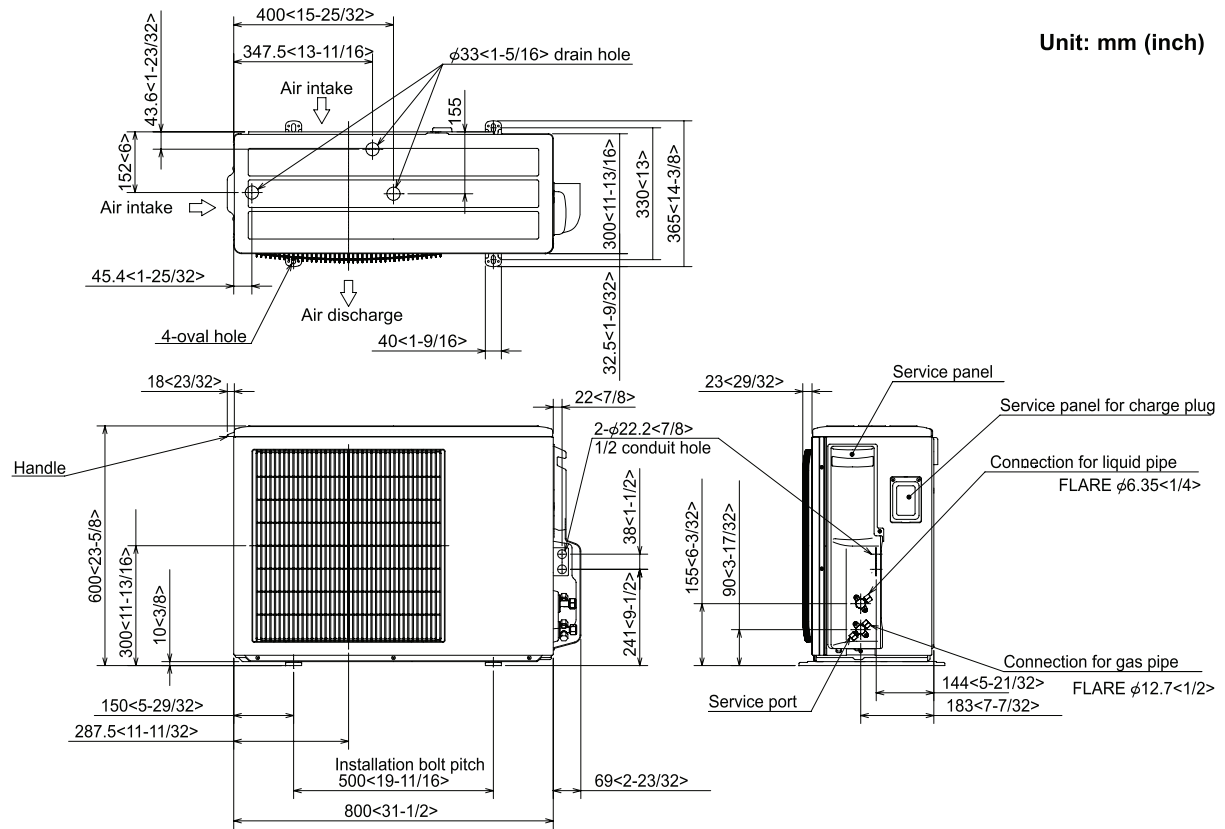
DIMENSIONS: PKA-A18HAL

Unit: inch (mm)

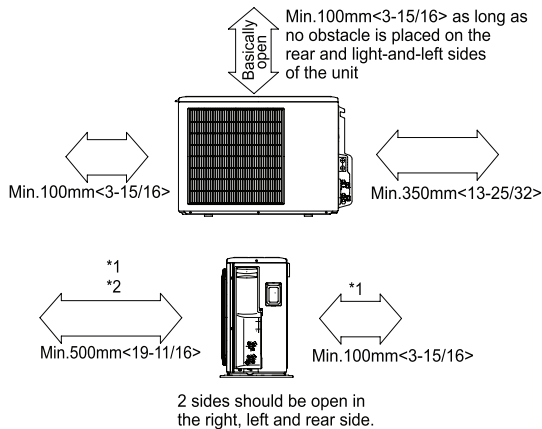


DIMENSIONS: PUY-A18NHA3

Unit: mm (inch)

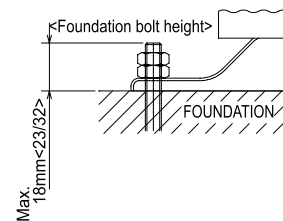


Clearance space around the outdoor unit



FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation M10<W3/8> bolts. (Bolts, washers and nut must be purchased locally.)



PIPING-WIRING DIRECTION

Piping and wiring connection can be made from the rear direction only.

Minimum installation space for outdoor unit

- *1 In the place where short cycle tends to occur, cooling and heating capacity and power consumption might get lowered 10%. Air outlet guide (optional) will help them improve.
- *2 If air discharges to the wall, the surface might get stained.



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Specifications are subject to change without notice.