

SUBMITTAL DATA: PKA-A30FA & PUZ-HA30NHA
30,000 BTU/H WALL-MOUNTED HYPER HEAT-PUMP SYSTEM

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

GENERAL FEATURES

- Innovative flash technology enables high heating capacity at lower outside temperatures
- Exhibits 100% of rated heating capacity at 5°F; 90% of rated heating capacity at -4°F
- Quiet operation—both indoor and outdoor units
- Hard-wired, wall-mounted, remote controller (PAR-21MAA)
- Automatic fan speed control
- Auto restart following a power outage
- Self-check function—integrated diagnostics
- Limited warranty: five years on parts and defects and seven years on compressors

OPTIONAL ACCESSORIES
Indoor Unit

- L-shaped Connection Pipe for left-side piping connection (PAC-SC84PI-E)

Outdoor Unit

- M-NET Adapter (PAC-SF80MA-E)
- Air Outlet Guide (PAC-SG59SG-E; two pieces are required)
- Wind Baffle (WB-PA2; two pieces are required)

Cooling*

Rated Capacity 30,000 Btu/h
 Minimum Capacity 18,000 Btu/h
 SEER 14.5 Btu/h/W
 Total Input 2,730 W

Heating*

Rated Capacity 32,000 Btu/h
 Minimum Capacity 18,000 Btu/h
 HSPF (IV) 8.9 Btu/h/W
 Total Input 3,460 W

Heating at 17°F*

Rated Capacity 32,000 Btu/h
 Total Input 5,600 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.

(Heating) - 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.

Power Supply 208 / 230V, 1-Phase, 60 Hz
 Breaker Size 30 A

Voltage

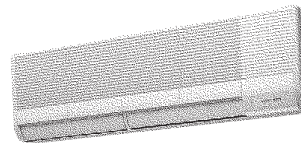
Indoor - Outdoor S1-S2 AC 208 / 230V
 Indoor - Outdoor S2-S3 DC 24V
 Indoor - Wired Remote Controller DC 12V

OPERATING RANGE

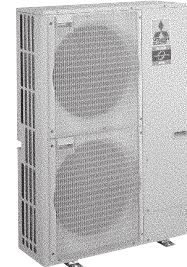
		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling	Maximum	90°F (32°C) DB, 73°F (23°C) WB	115°F (46°C) DB
	Minimum	66°F (19°C) DB, 59°F (15°C) WB	0°F** (-18°C) DB
Heating	Maximum	83°F (28°C) DB	70°F (21°C) DB, 59°F (15°C) WB
	Minimum	63°F (17°C) DB	-13°F (-25°C) DB, -13°F (-25°C) WB

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

Remote Controller: PAR-21MAA



Indoor Unit: PKA-A30FA



Outdoor Unit: PUZ-HA30NHA

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 Pressure Level (Lo - Hi) 39 - 45 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	55-1/8 / 1,400
D	9-1/4 / 235
H	13-3/8 / 340

Weight (Unit)

lbs. 53
 kg. 24
 Field Drainpipe Size I.D. 13/16" / 20 mm
 Wall-mounted Remote Controller PAR-21MAA
 (See Data Submittal Sheet)

Outdoor Unit

Compressor DC Inverter-driven Scroll
 MCA 28
 Fan Motor 0.4 + 0.4 F.L.A.
 Sound Pressure Level
 Cooling 52 dB(A)
 Heating 53 dB(A)

DIMENSIONS	INCHES / MM
W	37-3/8 / 950
D	13 + 1-3/16 / 330 + 30
H	53-1/8 / 1,350

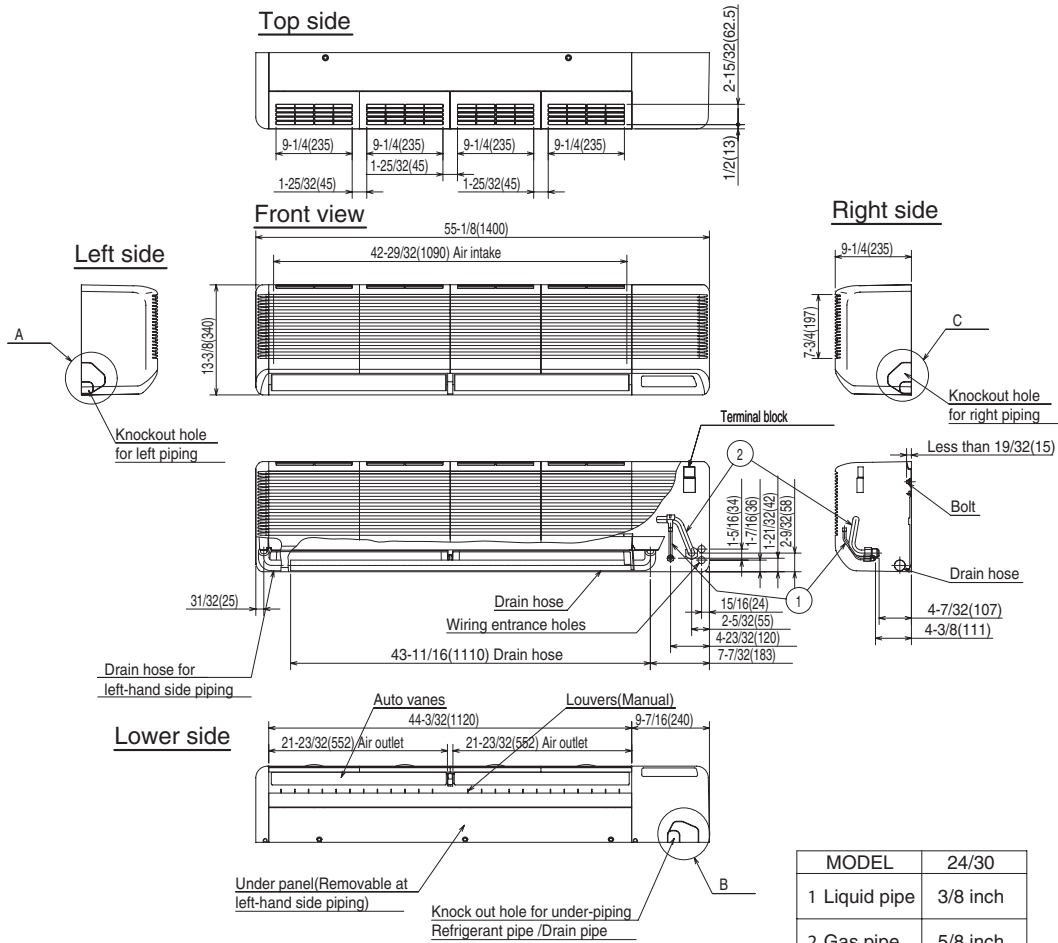
Weight 267 lbs. / 121 kg
 Refrigerant Type R410A
 Refrigerant Pipe Size O.D.

Gas Side 5/8" / 15.88 mm
 Liquid Side 3/8" / 9.52 mm
 Max. Refrigerant Pipe Length 245' / 75 m
 Max. Refrigerant Pipe Height Difference 100' / 30 m
 Connection Method Flared


INVERTER

DIMENSIONS: PKA-A30FA

Unit: inch(mm)

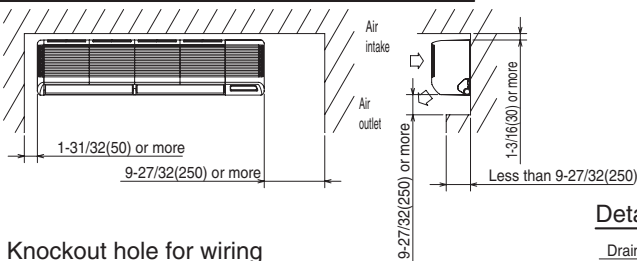


MODEL	24/30
1 Liquid pipe	3/8 inch
2 Gas pipe	5/8 inch

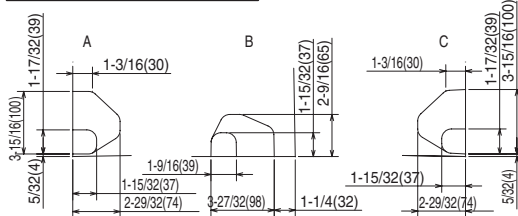
Sleeve*1	Through hole
ø3-17/32 (ø90)	ø3-17/32~ø3-15/16 (ø90~ø100)

*1 Sleeves are available on the market.

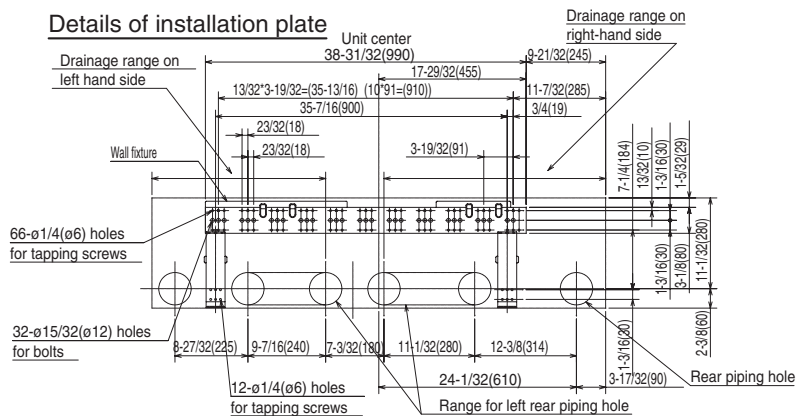
Service space required around indoor unit



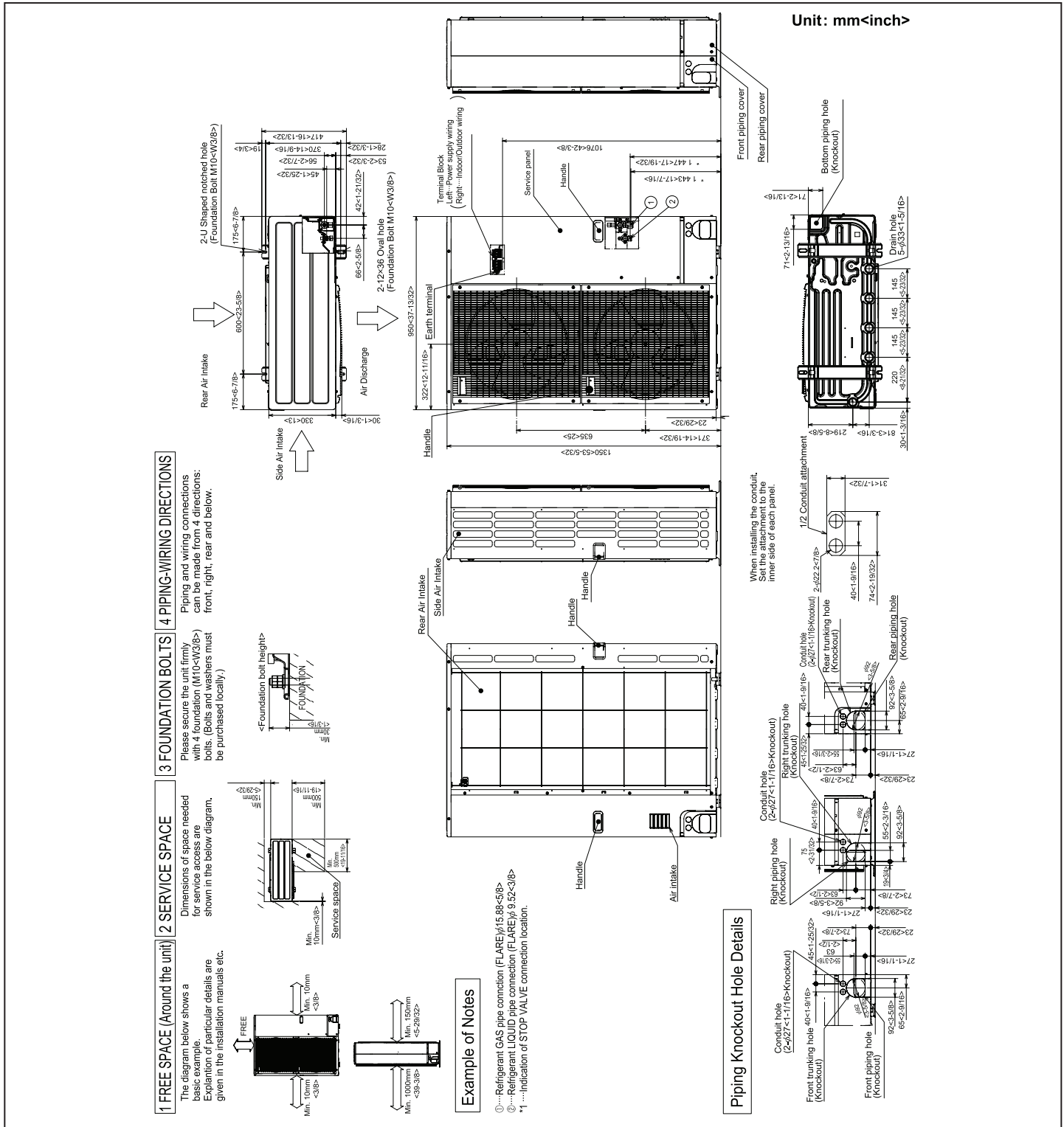
Knockout hole for wiring



Details of installation plate



DIMENSIONS: PUZ-HA30NHA



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Specifications are subject to change without notice.