

Job Name:	
System Reference:	Date:



Indoor Unit: PCA-A30KA6



Outdoor Unit: PUZ-HA30NHA4

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ High-Efficiency Filter (PAC-SH89KF-E)
- ☐ iSee Sensor (PAC-SH91MK-E)
- ☐ Disconnect Switch (TAZ-MS303)

Outdoor Unit

- ☐ Air Outlet Guide (PAC-SG59SG-E [x2])
- ☐ Wind Baffle (WB-PA2 [x2])*
- *Allows operation to 0° F (-18° C).
- ☐ Mounting Base (QSMS1202)
- ☐ Wall Bracket (QSWB2000M-1)

Controls

- ☐ Wireless Controller (MHK1)
- ☐ Advanced Wired Controller (PAR-31MAA)
- ☐ Simple Wired Controller (PAC-YT53CRAU)
- ☐ M-NET Adapter (PAC-SF83MA-E)
- ☐ Temperature Sensor (PAC-SE41TS)

SPECIFICATIONS:

Rated Conditions (Capacity / Input)*		
Cooling ¹	Btu/h / W	30,000 / 2,480
Heating at 47° F ²	Btu/h / W	32,000 / 2,990
Heating at 17° F ³	Btu/h / W	19,000 / 2,830

Capacity Range		Minimum	Maximum
Cooling ¹	Btu/h	18,000	30,000
Heating at 47° F ²	Btu/h	18,000	34,000
Heating at 17° F ³	Btu/h	-	32,000
Heating at 5° F ⁴	Btu/h	-	32,000

1. Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB; Outdoor: 95° F (35° C) DB / 75° F (24° C) WB*
2. 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*
3. 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*
4. Heating at 5° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 5° F (-15° C) DB / 5° F (-15° C) WB

* Rating Conditions per AHRI Standard

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

** The minimum temperature will be 23° F (-5° C) DB if optional wind baffle accessory is not installed.

AHRI Efficiency Ratings	
EER	12.1
SEER	16.1
HSPF	9.3
COP at 47° F	3.14
COP at 17° F	1.97

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz
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Minimum Circuit Ampacity (MCA)		
Indoor / Outdoor	A	1 / 25

Indoor Unit		
Blower Motor (ECM)	F.L.A.	0.54
Blower Motor Output	W	95
SHF / Moisture Removal		0.69 / 8.3 pt./h

Outdoor Unit		
Compressor		INVERTER
Fan Motor (ECM)	F.L.A.	0.4 + 0.4
MOCP	A	40

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)		dB(A)	35-37-39-41
Outdoor	Cooling		52
	Heating		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	Munsell No. 6.4Y 8.9/0.4
Outdoor	Munsell No. 3Y 7.8 / 1.1

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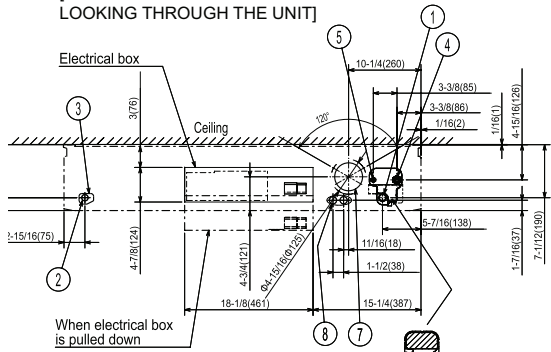
Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	5/8 (15.88)
Gas (Low Pressure)		3/8 (9.52)
Maximum Total Refrigerant Pipe Length	Ft. (m)	245 (75)
Maximum Vertical Separation	Ft. (m)	100 (30)

DIMENSIONS: PCA-A30KA6 & PUZ-HA30NHA4

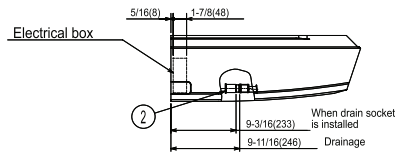
PCA-A30KA6

Unit: inch (mm)

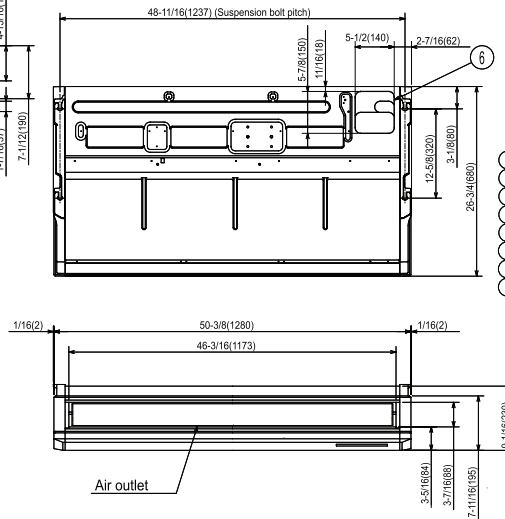
[FRONT VIEW
LOOKING THROUGH THE UNIT]



If the piping is installed in the back of the unit, remove the shaded portions from the component at right. Then, reinstall the component in its original position (the heat exchanger might be clogged because of dust).

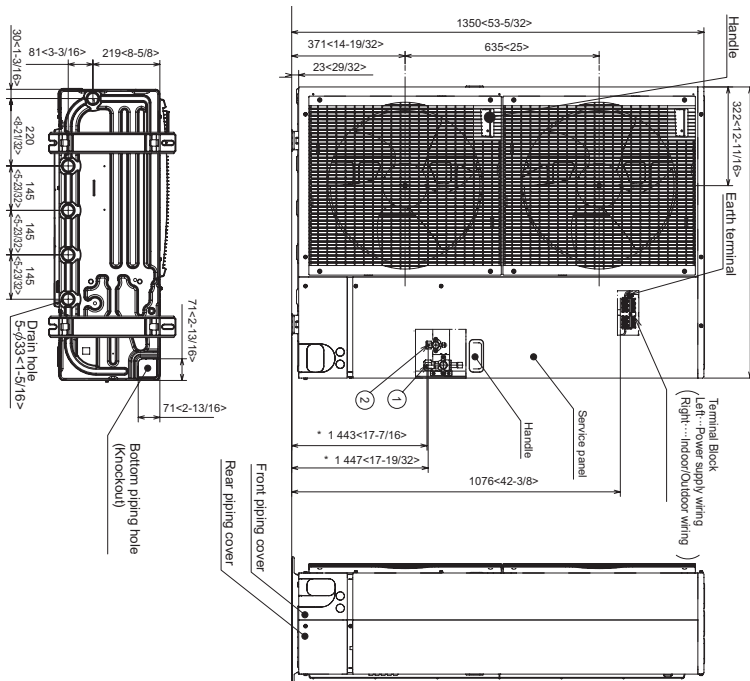


[BACK VIEW]

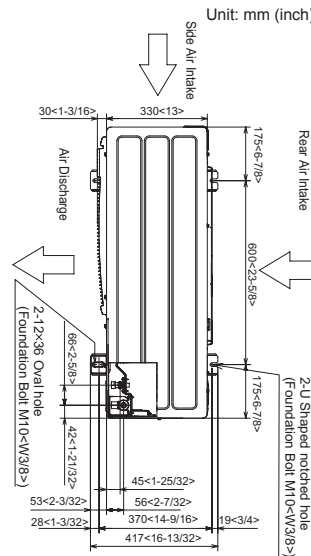


- ① Drainage pipe connection(*126mm I.D.)
 - ② Drainage pipe connection (for the left arrangement)
 - ③ Knockout hole for left drain-piping arrangement
 - ④ Refrigerant-pipe connection (gas pipe side/flared connection)
 - ⑤ Refrigerant-pipe connection (liquid pipe side/flared connection)
 - ⑥ Knockout hole for upper drain pipe arrangement
 - ⑦ Knockout hole for ventilation air intake Φ3-15/16 (Φ100)
 - ⑧ Knockout hole for wiring arrangement Φ7/8 (Φ22)
- Accessory...Drain socket (*126mm I.D.)

PUZ-HA30NHA4



Unit: mm (inch)



COOLING & HEATING

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