

Job Name:		
System Reference:		Date:



Indoor Unit: PCA-A42KA6



Outdoor Unit: PUZ-HA42NKA

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ High-Efficiency Filter (PAC-SH90KF-E)
- ☐ iSee Sensor (PAC-SH91MK-E)
- ☐ Disconnect Switch (TAZ-MS303)

Outdoor Unit

- ☐ Air Outlet Guide (PAC-SG59SG-E [x2])
 - ☐ Wind Baffle (WB-PA3 [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	42,000 / 4,200
Heating at 47° F ²	Btu/h / W	48,000 / 4,150
Heating at 17° F ³	Btu/h / W	44,000 / 5,490

Capacity Range		Minimum	Maximum
Cooling ¹	Btu/h	19,000	42,000
Heating at 47° F ²	Btu/h	21,000	54,000
Heating at 17° F ³	Btu/h	-	48,000
Heating at 5° F ⁴	Btu/h	-	48,000

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

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

AHRI Efficiency Ratings	
EER	10.0
SEER	14.5
HSPF	10.4
COP at 47° F	3.39
COP at 17° F	2.35

Specifications are subject to change without notice.

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz
-------------------------------	----------------------------

Minimum Circuit Ampacity (MCA)		
Indoor / Outdoor	A	2.00 / 37

Indoor Unit		
Blower Motor (ECM)	F.L.A.	0.97
Blower Motor Output	W	160
SHF / Moisture Removal		0.69 / 11.7 pt./h

Outdoor Unit		
Compressor		INVERTER
Fan Motor (ECM)	F.L.A.	0.4+0.4
MOCP	A	44

Airflow Rate (Low-M1-M2-Hi)			
Indoor (Cooling)	DRY	CFM	810-885-955-1,025
	WET		740-810-885-955
Outdoor	DRY		3,320

Sound Pressure Level			
Indoor (Low-M1-M2-Hi)		dB(A)	39-41-43-45
Outdoor	Cooling		49
	Heating		51

External Dimensions		
Indoor (H x W x D)	In.(mm)	9-1/16 x 63 x 26-3/4 (230 x 1,600 x 680)
Outdoor (H x W x D)		52-11/16 x 41-5/16 x 13 + 1-3/16 (1,338 x 800 x 330 + 30)

Net Weight		
Indoor	Lbs.(kg)	84 (38)
Outdoor		287 (130)

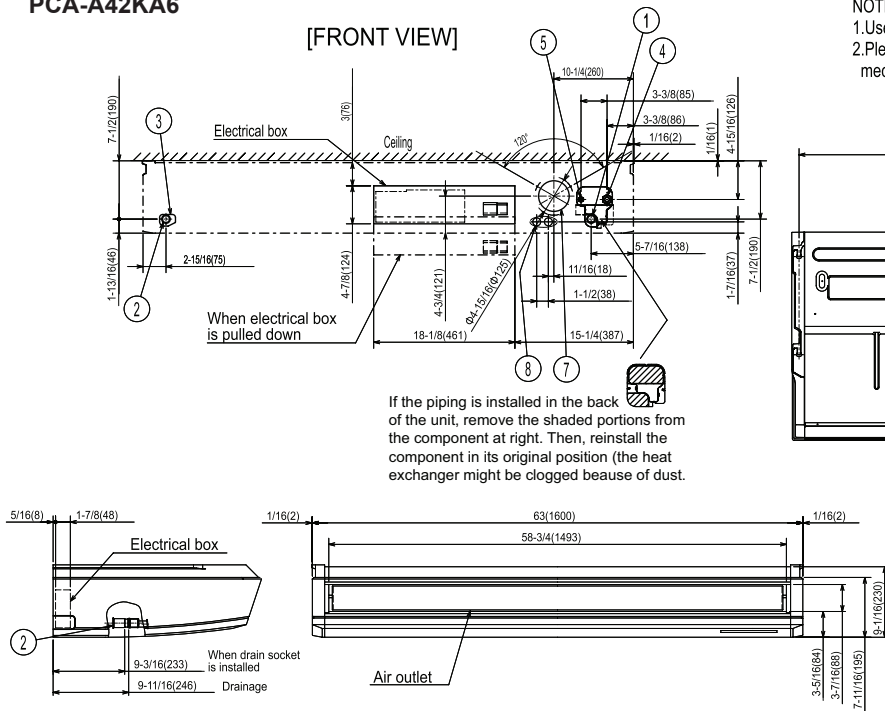
External Finish	
Indoor	Munsell No. 6.4Y 8.9/0.4
Outdoor	Munsell No. 3Y 7.8 / 1.1

Refrigerant	R410A ; 13lbs. 4oz.
-------------	---------------------

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

DIMENSIONS: PCA-A42KA6 & PUZ-HA42NKA

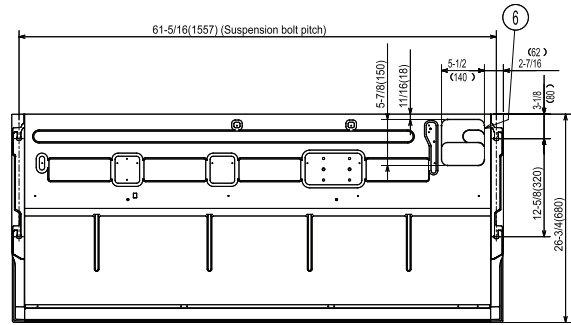
PCA-A42KA6



NOTES.

1. Use M10 or W3/8 screw for anchor bolt.
2. Please be sure when installing the drain lift up mechanism (option parts), refrigerant pipe will be only upward.

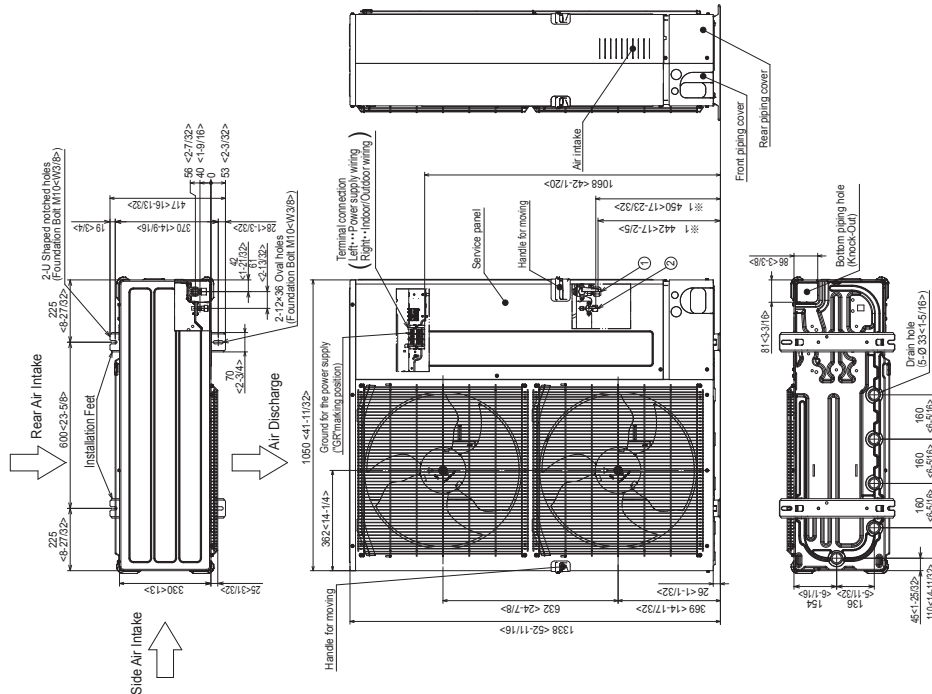
Unit: inch (mm)



- ① Drainage pipe connection (1/26mm) 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 $\Phi 3-15/16$ ($\Phi 100$)
 - ⑧ Knockout hole for wiring arrangement $\Phi 7/8$ ($\Phi 22$)
- Accessory...Drain socket (1/26mm) I.D.)

PUZ-HA42NKA

Unit: mm<inch>



MITSUBISHI ELECTRIC

COOLING & HEATING

1340 Satellite Boulevard, Suwanee, GA 30024
Toll Free: 800-433-4822 www.mehvac.com

