

Job Name:	
System Reference:	Date:



Indoor Unit: PCA-A42KA6



Outdoor Unit: PUY-A42NHA6 (-BS)

UNIT OPTION:

- Standard Model.....PUY-A42NHA6
- Seacoast (BS) Model.....PUY-A42NHA6-BS

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

- Wind Baffle (WB-PA2 [x2])*
- *Allows operation to 0° F (-18° C).
- Air Outlet Guide (PAC-SG59SG-E [x2])
- 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	Btu/h / W	42,000 / 4,110

* Rating Conditions per AHRI Standard:
 Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB
 Cooling | Outdoor: 95° F (35° C) DB / 75° F (24° C) WB

Capacity Range		
Cooling	Btu/h	18,000 - 42,000

Operating Range	
Cooling	0° F** to 115° F (-18° C to 46° C) DB

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

AHRI Efficiency Ratings	
EER	10.2
SEER	15.8

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz
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Minimum Circuit Ampacity (MCA)		
Indoor / Outdoor	A	2 / 25

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		DC INVERTER-driven Twin Rotary
Fan Motor (ECM)	F.L.A.	0.75
MOCP	A	40

Airflow Rate (Low-M1-M2-Hi)			
Indoor (Cooling)	DRY	CFM	810-885-955-1,055
	WET		740-810-885-955
Outdoor	DRY		1,940

Sound Pressure Level			
Indoor (Low-M1-M2-Hi)		dB(A)	39-41-43-45
Outdoor	Cooling		
			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)		53-1/8 x 37-3/8 x 13 + 1-3/16 (1,350 x 950 x 330 + 30)

Net Weight		
Indoor	Lbs.(kg)	84 (38)
Outdoor		247 (112)

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

Refrigerant	R410A ; 6lbs., 10oz.
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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)	225 (68)
Maximum Vertical Separation	Ft. (m)	100 (30)

