

Job Name: \_\_\_\_\_

System Reference: \_\_\_\_\_ Date: \_\_\_\_\_



Indoor Unit: PVA-A42AA4



Outdoor Unit: PUZ-HA42NKA

### ACCESSORIES:

#### Indoor Unit

- Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- Condensate Pump (Sauermann SI30-115/230; 115/230V)
- Relay Kit (CN24RELAY-KIT-CM3)
- Fan Speed Indication Adapter (PAC-735)
- Humidifier Control Relay (PAC-740)

#### 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	Btu/h / W	42,000 / 4,270
Heating at 47° F	Btu/h / W	48,000 / 4,010
Heating at 17° F	Btu/h / W	42,500 / 5,000

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

Capacity Range		
Cooling	Btu/h	19,000 - 42,000
Heating at 47° F	Btu/h	18,000 - 54,000

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	9.8
SEER	15.3
HSPF	11.0
COP at 47° F	3.24
COP at 17° F	2.49

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

Minimum Circuit Ampacity (MCA)		
Indoor / Outdoor	A	5.63 / 37

Indoor Unit		
Blower Motor (ECM)	F.L.A.	4.5
Blower Motor Output	W	430
SHF / Moisture Removal		0.76 / 9.0 pt./h

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

Airflow Rate			
Indoor (Lo-Mid-Hi)	Cooling	DRY: CFM	1,040-1,262-1,485
	Heating		1,040-1,262-1,485
Outdoor			3,320

Sound Pressure Level			
Indoor (Lo-Mid-Hi)	Cooling	dB(A)	36-40-44
	Heating		36-40-44
Outdoor	Cooling		49
	Heating		51

External Dimensions		
Indoor (H x W x D)	In.(mm)	59-1/2 x 25 x 21-5/8 (1,511 x 635 x 548)
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)

External Finish	
Indoor	High-gloss polyester powder coated
Outdoor	Munsell No. 3Y 7.8 / 1.1

Net Weight		
Indoor	Lbs.(kg)	172 (78)
Outdoor		287 (130)

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)

