

Job Name: _____

System Reference: _____ Date: _____



Indoor Unit: PVA-A42AA4



Outdoor Unit: PUZ-HA42NKA

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 + 1049)

Net Weight

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

Sound Pressure Level

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

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

Indoor Unit

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

Outdoor Unit

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

Refrigerant Piping

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)

Refrigerant

Refrigerant	R410A ; 13lbs. 4oz.
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Connection Method

Connection Method	Flared
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AHRI Efficiency Ratings

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

ACCESSORIES:

- Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- Condensate Pump (Sauermann SI30-115/230; 115/230V)
- Wind Baffle (One Piece)* (WB-PA2)
- Air Outlet Guide (One Piece)* (PAC-SG59SG)
- *PUY(Z) requires two outlet guides or wind baffles for installation.
- Wireless Wall-mounted Remote Controller Kit (MHK1)
- Outdoor Air Sensor (MCCH1)
- Wired Wall-mounted Controller (PAR-31MAA)**
- Simple MA Remote Controller (PAC-YT53CRAU)**
- **See Submittal for information on each option.

SPECIFICATIONS:

Rated Capacity*		
Cooling	Btu/h	42,000
Heating at 47° F	Btu/h	54,000
Heating at 17° F	Btu/h	42,400

* 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

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.

Capacity Range

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

Rated Total Input

Cooling	W	4,270
Heating at 47° F	W	4,010
Heating at 17° F	W	5,000

Electrical Power Requirements

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

Indoor	A	5.63
Outdoor		37

External Finish

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

