

Job Name:	
System Reference:	Date:



Indoor Unit: PEAD-A42AA5



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 (Sauermaann SI30-115/230; 115/230V)
- ☐ Filter Box & MERV 13 Filter (FBM2-3)
- ☐ 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 / 5,350

* 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	7.8
SEER	14.0

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz
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Minimum Circuit Ampacity (MCA)		
Indoor / Outdoor	A	3.5 / 25

Indoor Unit		
Blower Motor (ECM)	F.L.A.	2.8
Blower Motor Output	W	244
SHF / Moisture Removal		0.76 / 9.0 pt./h
External Static Pressure	In. WG	0.14-0.20-0.28-0.40-0.60
Drain Lift Mechanism (Included)	H: In.	27-9/16

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

Airflow Rate (Low-Mid-Hi)			
Indoor (Cooling)	DRY	CFM	1,042-1,254-1,483
	WET		953-1,165-1,412
Outdoor	DRY		1,940

Sound Pressure Level		
Indoor (Low-M1-M2-Hi)		dB(A)
Outdoor	Cooling	
		36-40-44
		48

External Dimensions		
Indoor (H x W x D)	In.(mm)	9-7/8 x 55-1/8 x 28-7/8 (250 x 1,400 x 732)
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)	95 (43)
Outdoor		247 (112)

External Finish	
Indoor	Galvanized-steel Sheet
Outdoor	Munsell No. 3Y 7.8 / 1.1

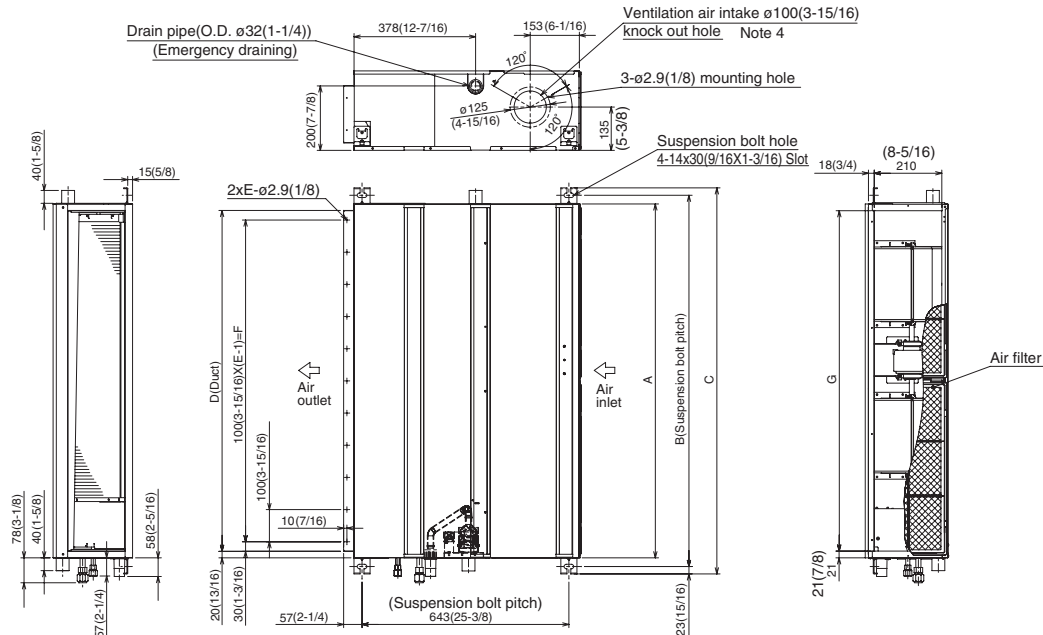
Refrigerant	R410A ; 6lbs., 10oz.
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Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	3/8 (9.52)
Gas (Low Pressure)		5/8 (15.88)
Maximum Total Refrigerant Pipe Length	Ft. (m)	225 (68)
Maximum Vertical Separation	Ft. (m)	100 (30)

DIMENSIONS: PEAD-A42AA5 & PUY-A42NHA6 (-BS)

PEAD-A42AA5

Unit: mm (inch)

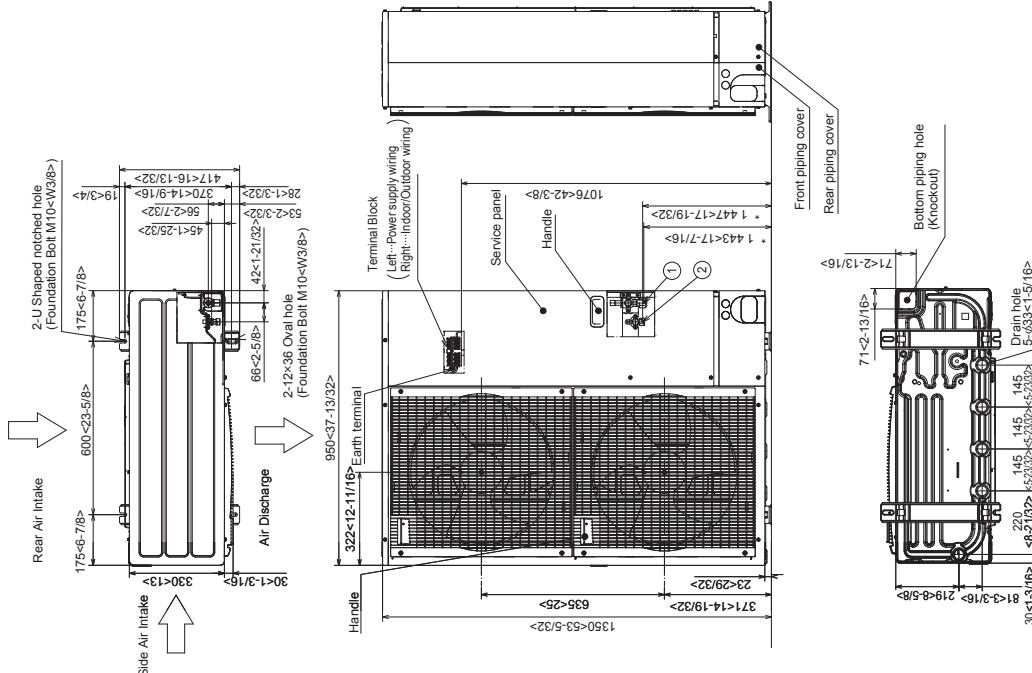


Model	A	B	C	D	E	F	G	H	J	K	L	M	N	① Gas pipe	② Liquid pipe
PEAD-A24, 30AA4	1100 (43-5/16)	1154 (45-7/16)	1200 (47-1/4)	1060 (41-3/4)	11	1000 (39-3/8)	1058 (41-11/16)	1200 (47-1/4)	49 (1-15/16)	330 (13)	4	990 (39)	10	$\phi 15.88$ (5/8)	$\phi 9.52$ (3/8)
PEAD-A36, 42AA4	1400 (55-1/8)	1454 (57-1/4)	1500 (59-1/16)	1360 (53-9/16)	14	1300 (51-3/16)	1358 (53-1/2)	1500 (59-1/16)	54 (2-3/16)	320 (12-5/8)	5	1280 (50-7/16)	12		

- NOTE 1. Use M10 screw for the Suspension bolt (field supply).
 2. Keep the service space for the maintenance at the bottom.
 3. This chart indicates for PEAD-A24-30-36-42AA4 models, which have 2 fans.
 4. In case of the inlet duct is used, remove the air filter (supplied with the unit), then install a filter (field supplied) at suction side.

PUY-A42NHA6 (-BS)

Unit: mm (inch)



NOTES:

SEACOAST PROTECTION

- External Outer Panel: Phosphate coating + Acrylic-Enamel coating
- Fan Motor Support: Epoxy resin coating (at edge face)
- Separator Assembly; Valve Bed: Epoxy resin coating (at edge face)
- Screws (used outer side): Zinc nickel coating 5 μ m + Polyvinylidene chloride coating

"Blue Fin" treatment is an anti-corrosion treatment that is applied to the condenser coil to protect it against airborne contaminants..

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