Job Name:

System Reference: Date:

GENERAL FEATURES:

- Dual set point functionality
- Hydronic heat exchanger transfers energy from refrigerant to water
- Can be used to transfer waste heat from cooling operation to water, resulting in large energy savings
- Generates non-potable water up to 160° F for use in a variety of applications
- Applications include radiant heating, hot water preheating, melting snow, reheating air, warming pools,and more
- Includes R134A compressor circuit for boosting water temperature
- Connectable with CITY MULTI® R2, H2i® R2 and WR2 systems
- Y-strainer included

Controllers	PAR-W21MAA	
Operating Inlet Water Temperature Range		
Heating	50° F to 160° F (10° C to 71° C)	
External Finish	Galvanized-steel Sheet	
External Dimensions		
Height	In.(mm)	31-1/2 (800)
Width	In.(mm)	17- 23/32 (450)
Depth	In.(mm)	11-13/16 (300)
Net Weight	Lbs.(kg)	131 (59)
Refrigerant for PWFY-P36NMU-E-BU Internal Compressor		
Type	R134A	
Charge	2 lbs. 7 oz. (1.1 kg)	
Oil	NEO22	
Design Pressure	PSI (MPa)	601 (4.15)
Refrigerant for CITY MULTI System		
Type	R410A	
Design Pressure	PSI (MPa)	601 (4.15)
Circulating Water		
Operation Volume Range	GPM (L/min)	2.6-9.4 (10-36)
Design Pressure	PSI (MPa)	145 (1)
Refrigerant Piping Diameter (Brazed)		
Liquid (High Pressure)	In.(mm)	3/8 (9.52)
Gas (Low Pressure)	In.(mm)	5/8 (15.88)
Water Piping Dimensions		
Inlet	In.(mm)	3/4 (27.2) FPT
Outlet	In.(mm)	3/4 (27.2) FPT
Drain Pipe Dimension	In.(mm)	O.D. 1-1/4 (32)
Sound Data	dB(A)	44

GENERAL FEATURES:

Capacity*		
Heating	BTUH	39,900

R2-Series:
Heating | Outdoor: 47° F (8.3° C) DB / 43° F (6.1° C) WB
Inlet Water Temperature: 149° F (65° C)
Water Flow Rate: 9.4 GPM

WR2-Series:
Circulating Water Temperature: 70° F (21.1° C)
Inlet Water Temperature: 149° F (65° C)
Water Flow Rate: 9.4 GPM

* Not compatible with:
PURY/PQRY-T/YGMU or PUHY/PQHY-T/YGMU units

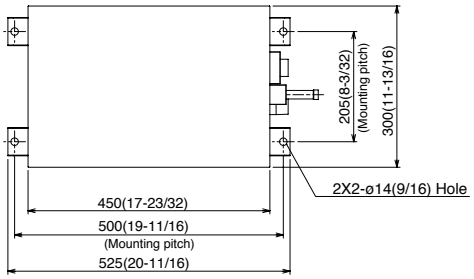
Electrical		
Electrical Power Requirements	1-phase, 208 / 230V, 60Hz	
Minimum Circuit Ampacity (MCA)	A	25
Maximum Fuse Size	A	25
R.L.A.	A	12.30 / 11.12

Design notes:

The unit is not designed for outside installation
Please don't use the steel material for the water piping material
Always make water circulate or add the brine to the circulation water when ambient temperature becomes 32° F (0° C) or less
Always make water circulate or pull out the circulation water completely when not using it
Do not use groundwater and well water
Install unit in an environment where the wet bulb temperature will not exceed 92° F (32° C)
The water circuit must use closed circuit - please do not use for drinking water

Specifications are subject to change without notice.

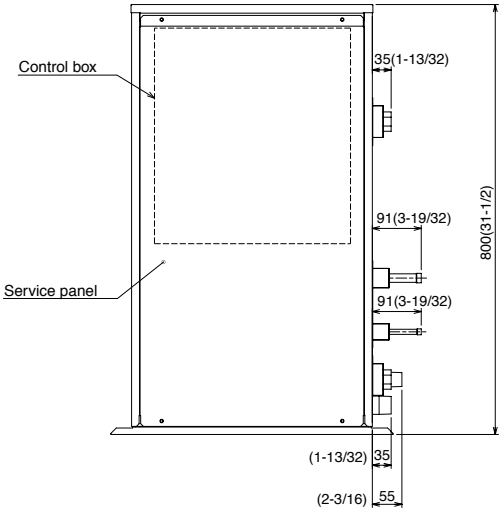
PWFY-P36NMU-E-BU – DIMENSIONS



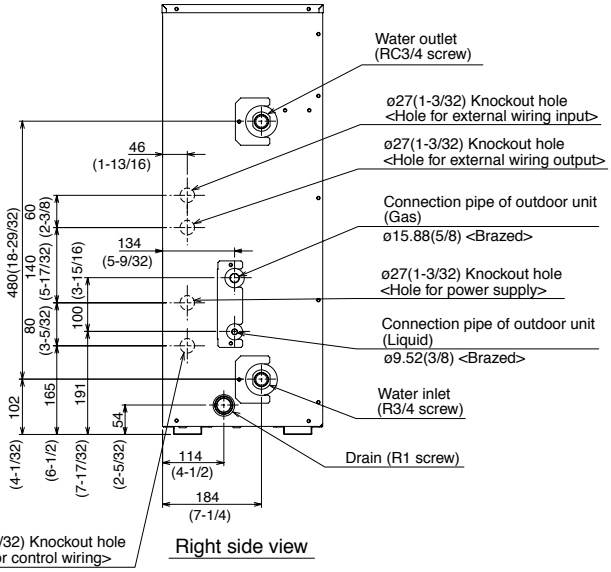
Top view

<Accessories>
- Y-type strainer (RC3/4) ····· 1pc.
- Heat Insulation material ····· 1pc.
- Connector set ····· 2set
- Washer ····· 2pcs.

Note 1. Ensure no water or debris can enter the unit through any gaps around wiring or piping.
2. Ensure adequate service space is right around the unit, according to Fig A.
3. Please always make water circulate or add the brine to the circulation water when the ambient temperature becomes 0degC(32° F)or less.
4. The unit is not designed for outside installations.
5. Install the unit in an environment where the wet bulb Temp. will not exceed 32degC(90° F)
6. The water circuit must use the closed circuit.
7. Please don't use the steel material for the water piping material.
8. Connect the strainer which is put as accessory to water inlet pipe.



Front view



Right side view

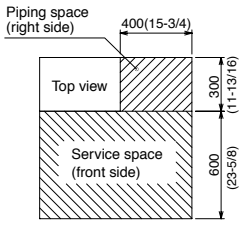


Fig. A

<Unit:mm(in)>

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