

Job Name:

Schedule Reference:

Date:



GENERAL FEATURES

- Dual set point functionality
- **Heats water to 113° F (45° C)**
 - Hydronic heat exchanger transfers energy from refrigerant to water
 - Can be used to recover waste heat from cooling operation to water, resulting in large energy savings
 - Applications include radiant heating, melting snow, reheating air, preheating hot water and many other uses
- **Cools water to 41° F (5° C)**
 - Can be used for precooling outside air, cooling pool water, misting stations, process cooling, drinking water and more
- Unit is not suitable for direct potable water flow
- Connectable with CITY MULTI R2, Y, H2i, WR2 and WY systems
- Y-strainer included

* Cooling | Outdoor: 95° F (35° C) DB
Inlet Water Temperature: 74° F (23° C)
Water Flow Rate: 9.25 GPM

Heating | Outdoor: 47° F (8° C) DB / 43° F (6° C) WB
Inlet Water Temperature: 86° F (30° C)
Water Flow Rate: 9.25 GPM

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

SPECIFICATIONS

Capacity*

Cooling.....72,000 Btu/h
Heating.....79,800 Btu/h

Power

Power Source.....208 / 230V, 1-phase, 60Hz

Power Consumption.....0.015 kW

Current.....0.072 / 0.065 A

Minimum Circuit Ampacity (MCA).....0.09 A

Maximum Fuse Size.....15 A

Controllers.....PAR-W21MAA

Operating Inlet Water Temp. Range

Cooling.....50° F to 95° F (10° C to 35° C)
Heating.....50° F to 105° F (10° C to 41° C)

Leaving Water Temp. Range

Cooling.....41° F to 86° F (5° C to 30° C)
Heating.....86° F to 113° F (30° C to 45° C)

External Finish.....Galvanized-steel Sheet

External Dimensions

Inches.....31-1/2 H x 17-3/4 W x 11-13/16 D
mm.....800 H x 450 W x 300 D

Net Weight.....84 lbs. / 38 kg

Refrigerant

Type.....R410A
Design Pressure.....4.15 MPa / 601 psi

Circulating Water

Operation Volume Range.....7.9-18.9 GPM / 30-72 L/m
Design Pressure.....1 MPa / 145 psi

Refrigerant Piping Dimensions

Liquid (High Pressure).....3/8" / 9.52 mm
Gas (Low Pressure).....3/4" / 19.05 mm

Water Piping Dimensions

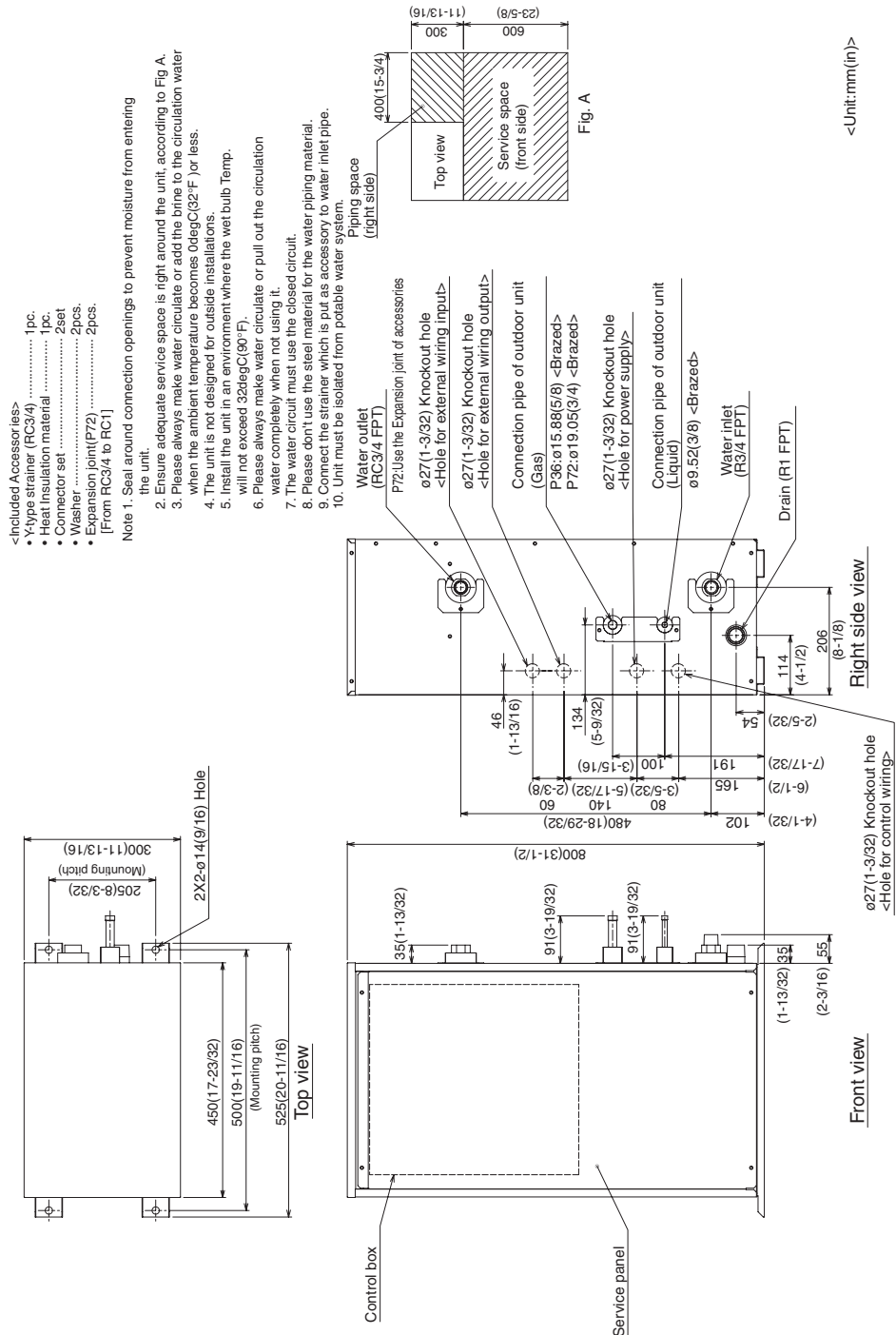
Inlet.....1" / 34.0 mm FPT
Outlet.....1" / 34.0 mm FPT

Drainpipe Dimension.....O.D. 1-1/4" / 32 mm

Sound Pressure Level.....29 dB(A)

Notes:

Model: PWFY-P72NMU-E-AU – DIMENSIONS



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