

Job Name:

System Reference:

Date:



GENERAL FEATURES

- Dual Set Point: The controller can be used to program two different set points. The unit will automatically adjust between the set points for optimum comfort.
- Condensate Lift Mechanism: A built-in condensate lift mechanism removes water that is collected during operation and reduces the need for an additional pump to remove condensate water.
- Hydronic Coil: Water-based indoor unit
- Air-vent: Built-in manual air vent to released release pressure and maintain optimal performance

| SPECIFICATIONS                                                                                                                                                                                                                                               |                             |                                                           | SYSTEM                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------|------------------------------------------------------|
| UNIT TYPE                                                                                                                                                                                                                                                    |                             |                                                           | PEFY-WL12NMSU-A                                      |
| Cooling Capacity (Nominal) <sup>1</sup>                                                                                                                                                                                                                      | Cooling Capacity (Nominal)  | Btu/h                                                     | 12000                                                |
| Heating Capacity (Nominal) <sup>1</sup>                                                                                                                                                                                                                      | Heating Capacity (Nominal)  | Btu/h                                                     | 13500                                                |
| Electrical                                                                                                                                                                                                                                                   | Voltage, Phase, Frequency   | V AC / V AC , ø , Hz                                      | 208 / 230 , 1 , 60                                   |
|                                                                                                                                                                                                                                                              | Power Consumption Cooling   |                                                           | 0.06                                                 |
|                                                                                                                                                                                                                                                              | Power Consumption Heating   |                                                           | 0.06                                                 |
|                                                                                                                                                                                                                                                              | Current Cooling             |                                                           | 0.67/0.63                                            |
|                                                                                                                                                                                                                                                              | Current Heating             |                                                           | 0.62/0.58                                            |
|                                                                                                                                                                                                                                                              | MCA                         | A                                                         | 1.17                                                 |
|                                                                                                                                                                                                                                                              | MOCP                        | A                                                         | 15                                                   |
| Indoor Unit                                                                                                                                                                                                                                                  | External Finish Color       |                                                           | Galvanized Steel                                     |
|                                                                                                                                                                                                                                                              | Unit Dimensions (W x D x H) | inch x inch x inch [ mm x mm x mm ]                       | 31-1/8 x 27-9/16 x 7-7/8 [ 790 x 700 x 200 ]         |
|                                                                                                                                                                                                                                                              | Unit Weight                 | lbs [ kg ]                                                | 43 [ 19.50 ]                                         |
|                                                                                                                                                                                                                                                              | Heat Exchanger              |                                                           | Cross fin (Aluminum fin and Copper Tube)             |
|                                                                                                                                                                                                                                                              | Dual Barrier Coating on HEX |                                                           | No                                                   |
| Refrigerant                                                                                                                                                                                                                                                  | Dual Barrier Coating on Fan |                                                           | No                                                   |
|                                                                                                                                                                                                                                                              | Type                        |                                                           | Water                                                |
| Fan                                                                                                                                                                                                                                                          | Motor Type                  |                                                           | DC Motor                                             |
|                                                                                                                                                                                                                                                              | Motor Output                | W                                                         | 96                                                   |
|                                                                                                                                                                                                                                                              | External Static Pressure    | in.WG , in.WG , in.WG , in.WG Factory set to in.WG in. WG | 0.02 , 0.06 , 0.14 , 0.20 Factory set to 0.06 in. WG |
|                                                                                                                                                                                                                                                              | Airflow Rate                | CFM                                                       | 212 , 282 , 371                                      |
| Sound Pressure Level (Measured in anechoic room)                                                                                                                                                                                                             | Cooling                     | dB (A)                                                    | 23 , 28 , 34                                         |
|                                                                                                                                                                                                                                                              | Heating                     | dB (A)                                                    | 23 , 28 , 34                                         |
| Piping                                                                                                                                                                                                                                                       | Drain Pipe Size O.D.        | inch [ mm ]                                               | 1 1/4 [ 32 ]                                         |
| Notes                                                                                                                                                                                                                                                        |                             |                                                           |                                                      |
| <sup>1</sup> Cooling / Heating capacity indicated at operation under the following conditions: Cooling   Indoor: 81° F (27° C) DB / 68° F (19° C) WB; Outdoor 95° F (35° C) DB Heating   Indoor: 68° F (20° C) DB; Outdoor 45° F (7° C) DB / 43° F (6° C) WB |                             |                                                           |                                                      |

## INDOOR UNIT ACCESSORIES: PEFY-WL12NMSU-A

|                            |                                                                                                                     |                                            |
|----------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Condensate                 | Sauermann Condensate Pump 120-230V up to 60k BTU/h                                                                  | <input type="checkbox"/> SI30-230          |
|                            | Blue Diamond (MaxiBlue Advanced) Mini Condensate Pump w/ Reservoir & Sensor (110V) up to 48,000 BTU/H [recommended] | <input type="checkbox"/> X87-711           |
|                            | Drain Pan Level Sensor/Control                                                                                      | <input type="checkbox"/> SS610E            |
|                            | Blue Diamond MegaBlue Condensate Pump with Reservoir Sensor 115-230V up to 170k BTU/h                               | <input type="checkbox"/> X87-835           |
|                            | Blue Diamond MaxiBlue Condensate Pump with Reservoir Sensor 115-230V up to 48k BTU/h                                | <input type="checkbox"/> X88-721           |
|                            | Blue Diamond Alarm Extension Cable—6.5 Ft.                                                                          | <input type="checkbox"/> C13-192           |
|                            | Blue Diamond MultiTank collection tank for use with MegaBlue                                                        | <input type="checkbox"/> C21-014           |
|                            | Blue Diamond Sensor Extension Cable 15 Ft                                                                           | <input type="checkbox"/> C13-103           |
| Control Interface          | Deluxe Wired MA Remote Controller                                                                                   | <input type="checkbox"/> PAR-41MAAU        |
| Disconnect Switch          | (30A/600V/UL) [fits 2" X 4" utility box] - White                                                                    | <input type="checkbox"/> TAZ-MS303W        |
| Filter Box                 | Filter Box with MERV 8 Filter                                                                                       | <input type="checkbox"/> FBL1-1            |
| HBC Controller             | Hybrid VRF Main BC 8 Port                                                                                           | <input type="checkbox"/> CMB-WP108NU-AA    |
|                            | Hybrid VRF Sub BC 16 Port                                                                                           | <input type="checkbox"/> CMB-WP1016NU-AB   |
|                            | Hybrid VRF Main BC 16 Port                                                                                          | <input type="checkbox"/> CMB-WP1016NU-AA   |
|                            | Hybrid VRF Sub BC 8 Port                                                                                            | <input type="checkbox"/> CMB-WP108NU-AB    |
| HVRF Accessories           | 25mm Isoflow Multi, 25m Coil w/ 1" Titan                                                                            | <input type="checkbox"/> 13630061001-REH   |
|                            | 25mm x 25mm x 25mm SDR11 Tee(Bag QTY 10)                                                                            | <input type="checkbox"/> 15012471001-REH   |
|                            | RAUTOOL A-Light2 Kombi Tool KIT                                                                                     | <input type="checkbox"/> 11094491001-REH   |
|                            | Compact Discal AAV w/ Hydroscopic Cap and Drain Plug                                                                | <input type="checkbox"/> KIT3-NA10884-CAL  |
|                            | 25mm SDR11 x 3/4" MPT Fitting(Bag QTY 10)                                                                           | <input type="checkbox"/> 15012461001-REH   |
|                            | 25mm x 25mm x 25mm SDR11 Tee(Bag QTY 10)                                                                            | <input type="checkbox"/> 11690561001-REH   |
|                            | 25mm SDR11 x 3/4" FPT Fitting (Bag QTY 1)                                                                           | <input type="checkbox"/> 15012451001-REH   |
|                            | Drain Valve w/ Brass NPT T-Fitting                                                                                  | <input type="checkbox"/> KIT4-NA10885-CAL  |
|                            | (2x) Isolation Ball Valve and (2x) 22mm Compression Fitting                                                         | <input type="checkbox"/> KIT2-NA10883-CAL  |
|                            | 40mm SDR11 Coupling (Bag QTY 5)                                                                                     | <input type="checkbox"/> 11690151001-REH   |
|                            | 40mm PVDF SDR11 Sleeve (Box QTY 25)                                                                                 | <input type="checkbox"/> 11803291001-REH   |
|                            | 25mm SDR11 Coupling (Bag QTY 10)                                                                                    | <input type="checkbox"/> 11690101001-REH   |
|                            | 40mm x 40mm x 25mm SDR11 Tee (Bag QTY 1)                                                                            | <input type="checkbox"/> 11690691001-REH   |
|                            | 40mm SDR11 x 3/4" MPT Fitting (Box QTY 1)                                                                           | <input type="checkbox"/> 15012481001-REH   |
|                            | 40mm SDR11 Elbow (Box QTY 1)                                                                                        | <input type="checkbox"/> 11691301001-REH   |
|                            | 25mm SDR11 Elbow (Bag QTY 10)                                                                                       | <input type="checkbox"/> 11691261001-REH   |
|                            | Copper Press Tailpieces (3/4")                                                                                      | <input type="checkbox"/> KIT5-NA10881-CAL  |
|                            | 40mm Isoflow Multi, 5m Stick w/ 1.5" Titan                                                                          | <input type="checkbox"/> 13630071001-REH   |
|                            | 25mm PVDF SDR11 Sleeve (Box QTY 50)                                                                                 | <input type="checkbox"/> 11803271001-REH   |
| N/A                        |                                                                                                                     | <input type="checkbox"/> Unknown           |
| Terminal Signal Adapter    | Backup Heat Relay Kit                                                                                               | <input type="checkbox"/> CN24RELAY-KIT-CM3 |
|                            | 3-Pin Wiring Harness                                                                                                | <input type="checkbox"/> PAC-715AD         |
|                            | 5-Pin Wiring Harness                                                                                                | <input type="checkbox"/> PAC-725AD         |
| Wired Remote Controller    | Simple MA Remote Controller                                                                                         | <input type="checkbox"/> PAC-YT53CRAU-J    |
|                            | Touch MA Remote Controller                                                                                          | <input type="checkbox"/> PAR-CT01MAU-SB    |
|                            | Smart ME Remote Controller                                                                                          | <input type="checkbox"/> PAR-U01MEDU-K     |
| Wireless Remote Controller | Wireless MA Handheld Remote Controller (requires PAR-FA32MA-E)                                                      | <input type="checkbox"/> PAR-FL32MA-E      |
|                            | Wireless Remote Controller                                                                                          | <input type="checkbox"/> PAR-SL101A-E      |
| Notes                      |                                                                                                                     |                                            |

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