



### Key Technologies

|            |  |  |  |  |  |  |  |  |
|------------|--|--|--|--|--|--|--|--|
|            |  |  |  |  |  |  |  |  |
| Offset -4° |  |  |  |  |  |  |  |  |

### Technical specifications

| MODEL                            |                            | PEFY-P15VMS1-E  | PEFY-P20VMS1-E | PEFY-P25VMS1-E | PEFY-P32VMS1-E | PEFY-P40VMS1-E          | PEFY-P50VMS1-E | PEFY-P63VMS1-E      |               |
|----------------------------------|----------------------------|---|----------------|----------------|----------------|-------------------------|----------------|---------------------|---------------|
| Power                            |                            | A single-phase, 220-240V 50Hz / a 1 fase, 220-240V 60Hz |                |                |                |                         |                |                     |               |
| Capacity in cooling mode*1       | kW                         | 1.7   | 2.2            | 2.8            | 3.6            | 4.5                     | 5.6            | 7.1                 |               |
|                                  | Btu/h                      | 5800  | 7500           | 9600           | 12300          | 15400                   | 19100          | 24200               |               |
| Capacity in heating mode*1       | kW                         | 1.9   | 2.5            | 3.2            | 4.0            | 5.0                     | 6.3            | 8.0                 |               |
|                                  | Btu/h                      | 6500  | 8500           | 10900          | 13600          | 17100                   | 21500          | 27300               |               |
| Power consumption                | Cooling kW                 | 0.05 [0.03]   | 0.05 [0.03]    | 0.06 [0.04]    | 0.07 [0.05]    | 0.07 [0.05]             | 0.09 [0.07]    | 0.09 [0.07]         |               |
|                                  | Heating kW                 | 0.03 [0.03]   | 0.03 [0.03]    | 0.04 [0.04]    | 0.05 [0.05]    | 0.05 [0.05]             | 0.07 [0.07]    | 0.07 [0.07]         |               |
| Current                          | Cooling A                  | 0.42 [0.31]   | 0.47 [0.36]    | 0.50 [0.39]    | 0.50 [0.39]    | 0.56 [0.45]             | 0.67 [0.56]    | 0.72 [0.61]         |               |
|                                  | Heating A                  | 0.31 [0.31]   | 0.36 [0.36]    | 0.39 [0.39]    | 0.39 [0.39]    | 0.45 [0.45]             | 0.56 [0.56]    | 0.61 [0.61]         |               |
| External finish                  |                            | Galvanised  |                |                |                |                         |                |                     |               |
| Dimensions HxLxW                 | mm                         | 200x790x700   | 200x790x700    | 200x790x700    | 200x790x700    | 200x990x700             | 200x990x700    | 200x1190x700        |               |
| Net weight                       | kg                         | 19 [18]   | 19 [18]        | 19 [18]        | 20 [19]        | 24 [23]                 | 24 [23]        | 28 [27]             |               |
| Heat exchanger                   |                            | Cross fins (sheet aluminium fins and copper piping)     |                |                |                |                         |                |                     |               |
| Fan                              | Type x Quantity            | Ventilatore Sirocco x 2                                 |                |                |                | Ventilatore Sirocco x 3 |                | Ventil. Sirocco x 4 |               |
|                                  | Air flow (low-medium-high) | m³/min  | 5-6-7          | 5.5-6.5-8      | 5.5-7-9        | 6-8-10                  | 8-9.5-11       | 9.5-11-13           | 12-14-16.5    |
|                                  | Static external press      | Pa  | 5-15-35-50     | 5-15-35-50     | 5-15-35-50     | 5-15-35-50              | 5-15-35-50     | 5-15-35-50          | 5-15-35-50    |
| Motor                            | Type                       | Brushless DC motor                                      |                |                |                |                         |                |                     |               |
|                                  | Power output               | kW  | 0.096          | 0.096          | 0.096          | 0.096                   | 0.096          | 0.096               | 0.096         |
| Air filter                       |                            | Polypropylene honeycomb fabric (washable)               |                |                |                |                         |                |                     |               |
| Refrigerant pipe diameter        | Gas (swaged)               | mm  | ø12.7 brazed   | ø12.7 brazed   | ø12.7 brazed   | ø12.7 brazed            | ø12.7 brazed   | ø12.7 brazed        | ø15.88 brazed |
|                                  | Liquid (swaged)            | mm  | ø6.35 brazed   | ø6.35 brazed   | ø6.35 brazed   | ø6.35 brazed            | ø6.35 brazed   | ø6.35 brazed        | ø9.52 brazed  |
| Local drain pipe diameter        |                            |   | O.D. 32        | O.D. 32        | O.D. 32        | O.D. 32                 | O.D. 32        | O.D. 32             | O.D. 32       |
| Sound pressure (low-medium-high) |                            | dB(A)   | 22-24-28       | 23-25-29       | 24-26-30       | 24-27-32                | 28-30-33       | 30-32-35            | 30-33-36      |

\*1 For heating/cooling capacity, the maximum value with the unit operating in the following conditions is given.  
 Cooling: indoor 27°C DB/19°C WB, outdoor 35°C DB.  
 Heating: indoor 20°C DB (68°F DB), outdoor 7°C DB (45°F DB/43°F WB). Pipe length: 7.5 m (24-9/16 feet).  
 Height difference: 0 m (0 feet).

\*2 Static external pressure is set to 15 Pa by default.

\*3 [ ] in case of PEFY-P15-63VMS1-E.