

### ■ Mr.SLIM+

| Model Name                             |                    |                            |             | PUHZ-FRP71VHA2                                        |              |                                   |
|----------------------------------------|--------------------|----------------------------|-------------|-------------------------------------------------------|--------------|-----------------------------------|
| Power supply (phase, cycle, voltage)   |                    |                            |             | 1φ, 230V, 50Hz                                        |              |                                   |
|                                        | Max. current       |                            | A           |                                                       | 19.0         |                                   |
| Breaker size                           |                    |                            | A           |                                                       | 25           |                                   |
| Outer casing                           |                    |                            |             | Galvanized plate                                      |              |                                   |
| External finish                        |                    |                            |             | Munsell 3Y 7.8/1.1                                    |              |                                   |
| Refrigerant control                    |                    |                            |             | Linear expansion valve                                |              |                                   |
| Compressor                             |                    |                            |             | Hermetic                                              |              |                                   |
|                                        | Model              |                            |             | SNB172FSHM1                                           |              |                                   |
|                                        | Motor output       |                            | kW          |                                                       | 1.6          |                                   |
|                                        | Start type         |                            |             | Inverter                                              |              |                                   |
|                                        | Protection devices |                            |             | HP switch<br>Discharge thermo<br>Comp. Surface thermo |              |                                   |
|                                        | Oil (Model)        |                            | L           |                                                       | 0.70 (FV50S) |                                   |
| Crankcase heater                       |                    |                            | W           |                                                       | -            |                                   |
| Heat exchanger                         |                    | Air                        |             | Plate fin coil                                        |              |                                   |
|                                        |                    | Water                      |             | -                                                     |              |                                   |
| Fan                                    | Fan(drive) x No.   |                            |             | Propeller fan x 1                                     |              |                                   |
|                                        | Fan motor output   |                            | kW          |                                                       | 0.086        |                                   |
|                                        | Air flow           |                            | m³/min(CFM) |                                                       | 50 (1,760)   |                                   |
| Defrost method                         |                    |                            |             | Reverse cycle                                         |              |                                   |
| Noise level (SPL)                      |                    | ATA Cooling<br>HR Cooling  |             | dB                                                    |              | 47                                |
|                                        |                    | ATA Heating<br>ATW Heating |             | dB                                                    |              | 49                                |
| Noise level (PWL)                      |                    | ATA Cooling<br>HR Cooling  |             | dB                                                    |              | 67                                |
|                                        |                    | ATA Heating<br>ATW Heating |             | dB                                                    |              | 68                                |
| Dimensions                             |                    | Width                      |             | mm(in)                                                |              | 950 (37-3/8)                      |
|                                        |                    | Depth                      |             | mm(in)                                                |              | 330+25 (13-7/8)                   |
|                                        |                    | Height                     |             | mm(in)                                                |              | 943 (37-1/8)                      |
| Weight                                 |                    |                            | kg(lbs)     |                                                       | 73 (161)     |                                   |
| Refrigerant (GWP)                      |                    |                            |             | R410A (1975)                                          |              |                                   |
|                                        |                    | Quantity                   |             | kg(lbs)                                               |              | 3.8 (8.4)                         |
| Pipe size O.D.                         |                    | ATA                        | Liquid      | mm(in)                                                |              | 9.52 (3/8)                        |
|                                        |                    |                            | Gas         | mm(in)                                                |              | 15.88 (5/8)                       |
|                                        |                    | ATW                        | Liquid      | mm(in)                                                |              | 9.52 (3/8)                        |
|                                        |                    |                            | Gas         | mm(in)                                                |              | 15.88 (5/8)                       |
| Connection method                      |                    |                            |             | Flared                                                |              |                                   |
| Between the indoor & outdoor unit      |                    | Height difference          |             | m                                                     |              | Max. 20                           |
|                                        |                    | Piping length              |             | m                                                     |              | Max. 60m total, Max. 30m for each |
| Guaranteed operating range (Outdoor)   |                    | ATA Cooling*               |             | °C                                                    |              | -15 to +46                        |
|                                        |                    | ATA Heating                |             | °C                                                    |              | -20 to +21                        |
|                                        |                    | ATW Heating                |             | °C                                                    |              | -20 to +35                        |
|                                        |                    | HR Cooling                 |             | °C                                                    |              | +15 to +46                        |
| Outlet water temp. (Max in heating)    |                    | ATW Heating                |             | °C                                                    |              | +60                               |
| Nominal return water temperature range |                    | ATW Heating                |             | °C                                                    |              | +11 to +59                        |
| Water flow rate range                  |                    |                            | L/min       |                                                       | 11.5 to 22.9 |                                   |

\* Optional air protection guide is required where ambient temperature is lower than -5°C. The temperature is 10°C when the unit is connected with Cylinder unit or Hydrobox. For more details, refer to "Cylinder unit / Hydrobox".