

| Technical specifications WR2 LINE    |                             |           |                             |                             |                             |
|--------------------------------------|-----------------------------|-----------|-----------------------------|-----------------------------|-----------------------------|
| MODEL                                |                             | SINGLE    | PQRY-P200YLM-A1             | PQRY-P250YLM-A1             | PQRY-P300YLM-A1             |
| HP                                   |                             |           | 8                           | 10                          | 12                          |
| Power supply                         | Phases/Voltage/Freq.        | V/Hz/n°   | 3 phase 380-400-415V 50Hz   |                             |                             |
| Cooling                              | Capacity*1                  | kW        | 22.4                        | 28.0                        | 33.5                        |
|                                      | Power input                 | kW        | 3.71                        | 4.90                        | 6.04                        |
|                                      | EER                         |           | 6.03                        | 5.71                        | 5.54                        |
|                                      | SEER                        |           | 7.91                        | 7.99                        | 7.30                        |
|                                      | Temperature operating field | Indoor WB | °C                          | 15.0~24.0                   | 15.0~24.0                   |
| Water                                |                             | °C        | 10.0~45.0                   | 10.0~45.0                   | 10.0~45.0                   |
| Heating                              | Capacity*2                  | kW        | 25.0                        | 31.5                        | 37.5                        |
|                                      | Power input                 | kW        | 3.97                        | 5.08                        | 6.25                        |
|                                      | COP                         |           | 6.29                        | 6.20                        | 6.00                        |
|                                      | SCOP                        |           | 4.90                        | 4.61                        | 4.55                        |
|                                      | Temperature operating field | Indoor DB | °C                          | 15.0~27.0                   | 15.0~27.0                   |
| Water                                |                             | °C        | 10.0~45.0                   | 10.0~45.0                   | 10.0~45.0                   |
| Sound power level*3                  |                             | dB(A)     | 46                          | 48                          | 54                          |
| Connectable indoor units             | Total capacity              |           | 50 to 150% of O.U. capacity | 50 to 150% of O.U. capacity | 50 to 150% of O.U. capacity |
|                                      | Model/Quantity              |           | P15~P250/1~20               | P15~P250/1~25               | P15~P250/1~30               |
| Ø Ref. piping                        | Liquid                      | mm        | 15.88                       | 19.05                       | 19.05                       |
|                                      | Gas                         | mm        | 19.05                       | 22.2                        | 22.2                        |
| Circulating Water                    | Flow Rate                   | m³/h      | 5.76                        | 5.76                        | 5.76                        |
|                                      | Operating volume range      |           | 3.0~7.2                     | 3.0~7.2                     | 3.0~7.2                     |
|                                      | Pressure drop               | kPa       | 24                          | 24                          | 24                          |
|                                      | Heat exchanger volume       | l         | 5.0                         | 5.0                         | 5.0                         |
| External dimensions                  |                             | mm        | 1100 x 880 x 550            | 1100 x 880 x 550            | 1100 x 880 x 550            |
| Net weight                           |                             | kg        | 172                         | 172                         | 172                         |
| Ref. Charge R410*/CO <sub>2</sub> Eq |                             | kg/Tons   | 5.0/10.44                   | 5.0/10.44                   | 5.0/10.44                   |

\*1 Nominal cooling conditions: Indoor: 27°C DB / 19°C WB. Water temperature 30°C. Piping length 7.5 m, vertical difference 0 m.

\*2 Nominal heating conditions: Indoor 20°C DB. Water temperature 20°C. Piping length 7.5 m, vertical difference 0 m.

\*3 Values measured in anechoic chamber.

\*4 GWP value of HFC R410A 2088 according to 517 / 2014.

| Technical specifications WR2 LINE    |                             |           |                             |                  |                  |                  |                  |                  |
|--------------------------------------|-----------------------------|-----------|-----------------------------|------------------|------------------|------------------|------------------|------------------|
| MODEL                                |                             | SINGLE    | PQRY-P350YLM-A1             | PQRY-P400YLM-A1  | PQRY-P450YLM-A1  | PQRY-P500YLM-A1  | PQRY-P550YLM-A1  | PQRY-P600YLM-A1  |
| HP                                   |                             |           | 14                          | 16               | 18               | 20               | 22               | 24               |
| Power supply                         | Phases/Voltage/Freq.        | V/Hz/n°   | 3 phase 380-400-415V 50Hz   |                  |                  |                  |                  |                  |
| Cooling                              | Capacity*1                  | kW        | 40.0                        | 45.0             | 50.0             | 56.0             | 63.0             | 69.0             |
|                                      | Power input                 | kW        | 7.14                        | 8.03             | 9.29             | 11.17            | 12.54            | 14.49            |
|                                      | EER                         |           | 5.60                        | 5.60             | 5.38             | 5.01             | 5.02             | 4.76             |
|                                      | SEER                        |           | 7.34                        | 7.31             | 6.56             | 6.25             | 6.84             | 6.84             |
|                                      | Temperature operating field | Indoor WB | °C                          | 15.0~24.0        | 15.0~24.0        | 15.0~24.0        | 15.0~24.0        | 15.0~24.0        |
| Water                                |                             | °C        | 10.0~45.0                   | 10.0~45.0        | 10.0~45.0        | 10.0~45.0        | 10.0~45.0        | 10.0~45.0        |
| Heating                              | Capacity*2                  | kW        | 45.0                        | 50.0             | 56.0             | 63.0             | 69.0             | 76.5             |
|                                      | Power input                 | kW        | 7.53                        | 8.37             | 9.79             | 11.43            | 12.27            | 14.51            |
|                                      | COP                         |           | 5.97                        | 5.97             | 5.72             | 5.51             | 5.62             | 5.27             |
|                                      | SCOP                        |           | 4.29                        | 4.25             | 4.17             | 4.04             | 3.77             | 3.51             |
|                                      | Temperature operating field | Indoor DB | °C                          | 15.0~27.0        | 15.0~27.0        | 15.0~27.0        | 15.0~27.0        | 15.0~27.0        |
| Water                                |                             | °C        | 10.0~45.0                   | 10.0~45.0        | 10.0~45.0        | 10.0~45.0        | 10.0~45.0        | 10.0~45.0        |
| Sound power level*3                  |                             | dB(A)     | 52                          | 52               | 54               | 54               | 56.5             | 56.5             |
| Connectable indoor units             | Total capacity              |           | 50 to 150% of O.U. capacity |                  |                  |                  |                  |                  |
|                                      | Model/Quantity              |           | P15~P250/1~35               | P15~P250/1~40    | P15~P250/1~45    | P15~P250/1~50    | P15~P250/2~50    | P15~P250/2~50    |
| Ø Ref. piping                        | Liquid                      | mm        | 22.2                        | 22.2             | 22.2             | 22.2             | 22.2             | 22.2             |
|                                      | Gas                         | mm        | 28.58                       | 28.58            | 28.58            | 28.58            | 28.58            | 34.93            |
| Circulating Water                    | Flow Rate                   | m³/h      | 7.20                        | 7.20             | 7.20             | 7.20             | 11.52            | 11.52            |
|                                      | Operating volume range      |           | 4.5~11.6                    | 4.5~11.6         | 4.5~11.6         | 4.5~11.6         | 6.0~14.4         | 6.0~14.4         |
|                                      | Pressure drop               | kPa       | 44                          | 44               | 44               | 44               | 45               | 45               |
|                                      | Heat exchanger volume       | l         | 5                           | 5                | 5                | 5                | 10               | 10               |
| External dimensions                  |                             | mm        | 1450 x 880 x 550            | 1450 x 880 x 550 | 1450 x 880 x 550 | 1450 x 880 x 550 | 1450 x 880 x 550 | 1450 x 880 x 550 |
| Net weight                           |                             | kg        | 216                         | 216              | 216              | 216              | 246              | 246              |
| Ref. Charge R410*/CO <sub>2</sub> Eq |                             | kg/Tons   | 6.0/12.53                   | 6.0/12.53        | 6.0/12.53        | 6.0/12.53        | 11.7/24.43       | 11.7/24.43       |

\*1 Nominal cooling conditions: Indoor: 27°C DB / 19°C WB. Water temperature 30°C. Piping length 7.5 m, vertical difference 0 m.

\*2 Nominal heating conditions: Indoor 20°C DB. Water temperature 20°C. Piping length 7.5 m, vertical difference 0 m.

\*3 Values measured in anechoic chamber.

\*4 GWP value of HFC R410A 2088 according to 517 / 2014