

# PKZ-HRP SERIES



## Indoor Unit



PKA-RP100KAL

## Outdoor Unit



PUHZ-HRP100VHA2  
PUHZ-HRP100YHA2



Remote Controller



\*optional



| Type                                 |                             |                  |              | Inverter Heat Pump                          |           |                        |   |
|--------------------------------------|-----------------------------|------------------|--------------|---------------------------------------------|-----------|------------------------|---|
| Indoor Unit                          |                             |                  |              | PKA-RP100KAL                                |           |                        |   |
| Outdoor Unit                         |                             |                  |              | PUHZ-HRP100VHA2                             |           | PUHZ-HRP100YHA2        |   |
| Power Supply                         | Source                      |                  |              | Outdoor power supply                        |           |                        |   |
|                                      | Outdoor (V/Phase/Hz)        |                  |              | VHA:230 / Single / 50, YHA:400 / Three / 50 |           |                        |   |
|                                      | Indoor (V/Phase/Hz)         |                  |              | —                                           |           |                        |   |
| Cooling                              | Capacity                    | Rated            | kW           | 10.0                                        |           | 10.0                   |   |
|                                      |                             | Min - Max        | kW           | 4.9 - 11.4                                  |           | 4.9 - 11.4             |   |
|                                      | Total Input                 | Rated            | kW           | 2.930                                       |           | 2.930                  |   |
|                                      | EER                         |                  |              | 3.41                                        |           | 3.41                   |   |
|                                      |                             | EEL Rank         |              |                                             | A         |                        | A |
| Heating                              | Capacity                    | Rated            | kW           | 11.2                                        |           | 11.2                   |   |
|                                      |                             | Min - Max        | kW           | 4.5 - 14.0                                  |           | 4.5 - 14.0             |   |
|                                      | Total Input                 | Rated            | kW           | 3.100                                       |           | 3.100                  |   |
|                                      | COP                         |                  |              | 3.61                                        |           | 3.61                   |   |
|                                      |                             | EEL Rank         |              |                                             | A         |                        | A |
| Operating Current (max)              |                             |                  |              | 35.6                                        |           | 13.6                   |   |
| Indoor Unit                          | Input                       | Rated            | kW           | 0.080                                       |           | 0.080                  |   |
|                                      | Operating Current (max)     |                  | A            | 0.57                                        |           | 0.57                   |   |
|                                      | Dimensions                  | H x W x D        | mm           | 365 - 1170 - 295                            |           | 365 - 1170 - 295       |   |
|                                      | Weight                      |                  | kg           | 21                                          |           | 21                     |   |
|                                      | Air Volume [Lo-Mid-Mid-Hi]  |                  | m³/min       | 20.0 - 23.0 - 26.0                          |           | 20.0 - 23.0 - 26.0     |   |
|                                      | External Static Pressure    |                  | Pa           | —                                           |           | —                      |   |
|                                      | Sound Level [Lo-Mid-Mid-Hi] |                  | dB(A)        | 41 - 45 - 49                                |           | 41 - 45 - 49           |   |
|                                      | Breaker Size                |                  | A            | —                                           |           | —                      |   |
|                                      |                             |                  |              |                                             |           |                        |   |
| Outdoor Unit                         | Dimensions                  | H x W x D        | mm           | 1350 - 950 - 330 (+30)                      |           | 1350 - 950 - 330 (+30) |   |
|                                      | Weight                      |                  | kg           | 120                                         |           | 134                    |   |
|                                      | Air Volume                  | Cooling          | Rated m³/min | 100.0                                       |           | 100.0                  |   |
|                                      |                             | Heating          | Rated m³/min | 100.0                                       |           | 100.0                  |   |
|                                      | Sound Level                 | Cooling - Silent | Rated dB(A)  | 51 - 48                                     |           | 51 - 48                |   |
|                                      |                             | Heating          | Rated dB(A)  | 52                                          |           | 52                     |   |
|                                      | Operating Current (max)     |                  | A            | 35.0                                        |           | 13.0                   |   |
|                                      | Breaker Size                |                  | A            | 40                                          |           | 16                     |   |
|                                      |                             |                  |              |                                             |           |                        |   |
| Ext. Piping                          | Diameter                    | Liquid / Gas     | mm           | 9.52 / 15.88                                |           | 9.52 / 15.88           |   |
|                                      | Max. Length                 | Out-In           | m            | 75                                          |           | 75                     |   |
|                                      | Max. Height                 | Out-In           | m            | 30                                          |           | 30                     |   |
| Guaranteed Operating Range [Outdoor] | Cooling*                    | °C               | -5 ~ +46     |                                             | -5 ~ +46  |                        |   |
|                                      | Heating                     | °C               | -25 ~ +21    |                                             | -25 ~ +21 |                        |   |

\* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15°C is possible.