

KHC-12RY3 / KHC-14RY3 / KHC-16RY3

Table 2-1.3: KHC-12(14,16)RY3 specifications

| kW | | | 12 | 14 | 16 | | |
|--------------------------------|----------------------|----|---------------|-----------|-----------|--|--|
| Outdoor unit model name | | | KHC-12RY3 | KHC-14RY3 | KHC-16RY3 | | |
| Power supply | | | V/Ph/Hz | | | | |
| Heating A7W35 | Capacity | kW | 12.1 | 14.5 | 15.9 | | |
| | Rated input | kW | 2.44 | 3.15 | 3.53 | | |
| | COP | | 4.95 | 4.60 | 4.50 | | |
| Heating A7W45 | Capacity | W | 12.3 | 14.1 | 16.0 | | |
| | Rated input | W | 3.32 | 3.92 | 4.57 | | |
| | COP | | 3.70 | 3.60 | 3.50 | | |
| Heating A7W55 | Capacity | W | 11.9 | 13.8 | 16.0 | | |
| | Rated input | W | 3.90 | 4.68 | 5.61 | | |
| | COP | | 3.05 | 2.95 | 2.85 | | |
| Cooling A35W18 | Capacity | W | 12.00 | 13.50 | 14.90 | | |
| | Rated input | W | 3.04 | 3.75 | 4.38 | | |
| | EER | | 3.95 | 3.60 | 3.40 | | |
| Cooling A35W7 | Capacity | W | 11.5 | 12.4 | 14.0 | | |
| | Rated input | W | 4.18 | 4.96 | 5.60 | | |
| | EER | | 2.75 | 2.50 | 2.50 | | |
| SCOP | Water outlet at 35°C | | A+++ | | | | |
| | Water outlet at 55°C | | A++ | | | | |
| Sound power Level ³ | Heating A7W35 | dB | 65 | 65 | 68 | | |
| Compressor | Type | | Twin rotary | | | | |
| Outdoor fan | Motor type | | DC fan | | | | |
| | Number of fans | | 1 | | | | |
| Air side heat exchanger | | | Finned tube | | | | |
| Refrigerant | | | R32 1.75kg | | | | |
| Unit dimension (W×H×D) | | | 1385×945×526 | | | | |
| Packing dimension (W×H×D) | | | 1465×1120×560 | | | | |
| Net/Gross weight | | | 160/188 | | | | |
| Outdoor air temperature range | Cooling | °C | -5 ~ 43 | | | | |
| | Heating | °C | -25 ~ 35 | | | | |
| | DHW | °C | -25 ~ 43 | | | | |
| Water side heat exchanger | | | Plate type | | | | |
| Water side connection | | | R5/4" | | | | |
| Water outlet temperature range | Cooling | °C | 5 ~ 30 | | | | |
| | Heating | °C | 12 ~ 65 | | | | |
| | DHW (tank) | °C | 10 ~ 60 | | | | |

Abbreviations:

DHW: Domestic hot water

Notes:

1. Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02.
2. Seasonal space heating energy efficiency class tests in average climate conditions.
3. Sound power test condition: EN12102-1