



| Power supply               | 220-240V/1Ph/50Hz          |      |      |
|----------------------------|----------------------------|------|------|
| Heating performances       | A+7°C; W30/35°C            |      |      |
|                            | Heating capacity           | kW   | 6,00 |
|                            | COP (>4.5)                 |      | 4,45 |
|                            | A+2°C; W30/35°C            |      |      |
|                            | Heating capacity           | kW   | 5,70 |
|                            | COP (>3.5)                 |      | 3,25 |
|                            | A-7°C; W30/35°C            |      |      |
|                            | Heating capacity           | kW   | 5,80 |
|                            | COP (>2.7)                 |      | 2,72 |
|                            | A+7°C; W40/45°C            |      |      |
|                            | Heating capacity           | kW   | 6,00 |
|                            | COP (>3.6)                 |      | 3,45 |
|                            | A+7°C; W47/55°C            |      |      |
|                            | Heating capacity           | kW   | 5,80 |
|                            | COP (>2.9)                 |      | 2,70 |
|                            | A+2°C; W47/55°C            |      |      |
|                            | Heating capacity           | kW   | 6,00 |
|                            | COP                        |      | 2,12 |
|                            | A-7°C; W47/55°C            |      |      |
|                            | Heating capacity           | kW   | 5,00 |
|                            | COP                        |      | 1,74 |
|                            | A+7°C; W35°C (ErP-average) |      |      |
|                            | Prated-NET                 |      | 6,05 |
|                            | SCOP-NET                   |      | 4,75 |
| ηs 30/35-NET               | %                          | 187% |      |
| Efficiency class 30/35     |                            | A+++ |      |
| A+7°C; W55°C (ErP-average) |                            |      |      |
| Prated-NET                 |                            | 5,59 |      |
| SCOP-NET                   |                            | 3,25 |      |
| ηs 47/55-NET               | %                          | 127% |      |
| Efficiency class 47/55     |                            | A++  |      |
| Cooling performances       | A+35°C; W23/18°C           |      |      |
|                            | Cooling capacity           | kW   | 5,50 |
|                            | EER (>3.8)                 |      | 4,00 |
|                            | SEER                       |      | 6,39 |
|                            | ηs 23/18                   |      | 253% |
|                            | A+35°C; W12/7°C            |      |      |
|                            | Cooling capacity           | kW   | 5,00 |
|                            | EER (>3.1)                 |      | 2,75 |
|                            | SEER                       |      | 4,51 |
|                            | ηs 12/7                    |      | 177% |

| Physical data                  |                                                              |                                                              |               |
|--------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|---------------|
| Sound levels                   | Standard unit                                                |                                                              |               |
|                                | Sound power level [2]                                        | dB(A)                                                        | 64            |
|                                | Sound pressure level [3]                                     | dB(A)                                                        | 53            |
| Current                        | Max.                                                         | A                                                            | 16+13.6       |
| Dimensions                     | Length                                                       | mm                                                           | 1335          |
|                                | Width                                                        | mm                                                           | 475           |
|                                | Height                                                       | mm                                                           | 875           |
|                                | Package                                                      | mm                                                           | 1420*535*1045 |
| Weight (1)                     | Standard unit                                                | kg                                                           | 109           |
|                                | Package                                                      | kg                                                           | 125           |
| Compressors                    | Compressor type                                              | DC Twin-rotary                                               |               |
|                                | Copressor qty                                                | 1                                                            |               |
| Refrigerant                    | Type                                                         | R32                                                          |               |
|                                | Charge [1]                                                   | kg                                                           | 1,1           |
| Condenser                      | Copper                                                       | Hydrophilic aluminum foil                                    |               |
|                                | Fin type                                                     | Hydrophilic aluminum foil                                    |               |
| Fans                           | Fan type                                                     | Axial type                                                   |               |
|                                | Fan quantity                                                 |                                                              | 1             |
|                                | Rated total air flow                                         | m³/h                                                         | 3600          |
|                                | Rated speed                                                  | rpm                                                          | 730           |
| Evaporator                     | Type                                                         | Brazeed plate heat exchanger                                 |               |
|                                | Water volume                                                 | L                                                            | 0,62          |
| Hydraulic module               |                                                              | Circulator, relief valve, paddle flow switch, expansion tank |               |
|                                | Circulator                                                   | Centrifugal pump (variable speed)                            |               |
|                                | Expansion tank volume                                        | L                                                            | 5             |
|                                | Auxiliary electrical heater                                  | kW                                                           | 3             |
|                                | Max. water-side operating pressure with hydraulic module [4] | kPa                                                          | 90            |
| Water connections              | Inlet diameter (MPT GAS)                                     | inch                                                         | 1             |
|                                | Outlet diameter (MPT GAS)                                    | inch                                                         | 1             |
| Ambient temperature range      | Cooling                                                      | °C                                                           | -5-50         |
|                                | Heating                                                      | °C                                                           | -25-43        |
|                                | DHW                                                          | °C                                                           | -25-43        |
| Water outlet temperature range | Cooling                                                      | °C                                                           | 5-25          |
|                                | Heating                                                      | °C                                                           | 25-62         |
|                                | DHW                                                          | °C                                                           | 40-62         |

1. Values are guidelines only. Refer to the unit nameplate.
2. Declared dualnumber noise emission values in accordance with ISO 4871 (with an associated uncertainty of +/-2dB(A)). Measured in accordance with ISO 9614-1.
3. Declared dualnumber noise emission values in accordance with EN12102-1 (with an associated uncertainty of +/-2dB(A)). For information, calculated from the sound power level Lw(A).
4. Min. water-side operating pressure with variable speed hydraulic module is 40 kPa.