

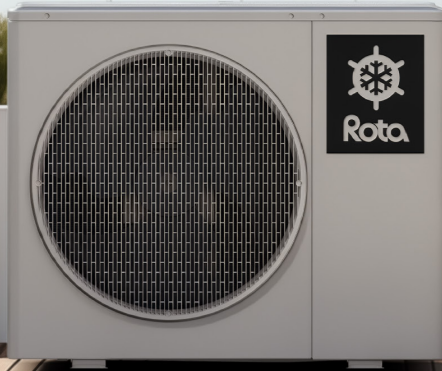
EMBRACE EARTH'S ENERGY

Heat Pump

Monoblock



Features



With daily & weekly programming and solar photovoltaic applications,

One system, year-round control



All Dc Inverter Design
Realize Energy Saving



High
Efficiency



Built-in Wifi
Module



R32
Environmental
Refrigerant



Maximum 65°C
Water Temperature



ECO ve AUTO
Mode



Wide Capacity
Range (8~16kw)



Easy Data Transfer
via USB.



Remote
Control Unit



Energy Consumption
(Calculation Value)
Display



Up to 96 kW
capacity with
6 cascades



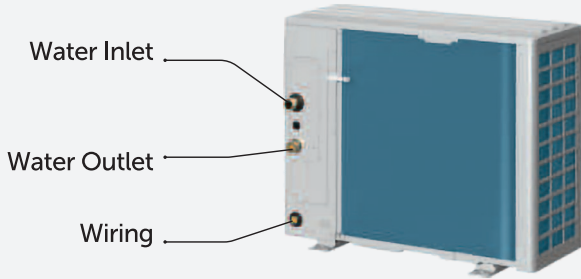
Legionella
Mode



Features

Easy Installation

Refrigerant piping is not required



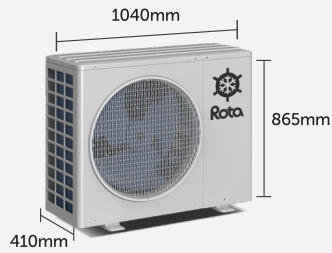
Easy Transportation

Single unit size 0.4m³



Space Saving

Small size with great power covers an area of only 0.4m²



External Electric Heater

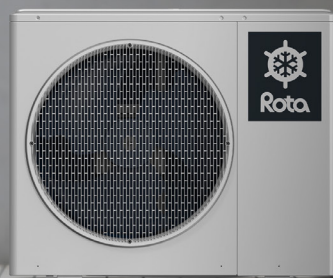


Enhance Capacity for Heating System

| | | | | | | |
|--------------|-----------|--------------|---|---|--------------|-----|
| Power Supply | (V/Ph/Hz) | 380-415/3/50 | | | 220-240/1/50 | |
| Capacity | kW | 4.5 | 6 | 9 | 3 | 4.5 |



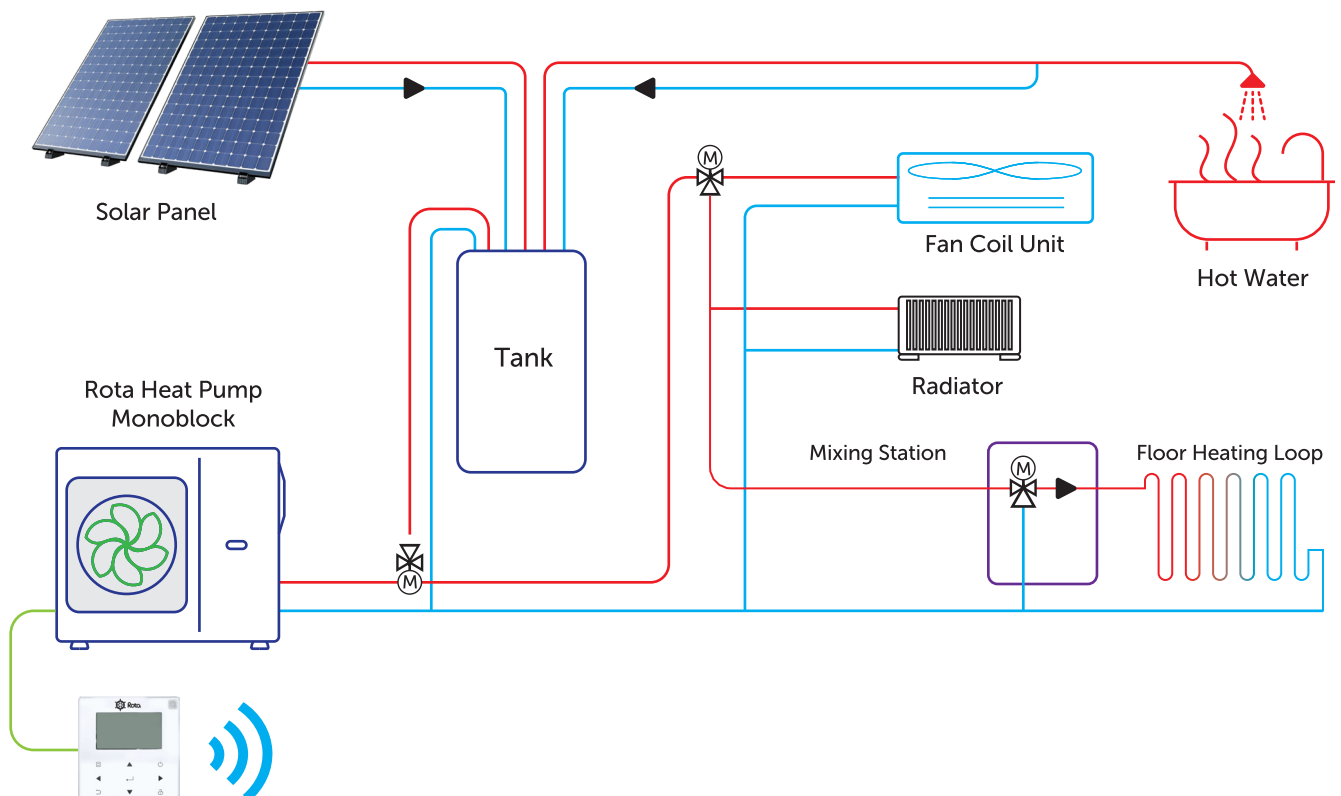
POWER YOUR HOME WITH
NATURE'S FLOW



Application

A complete, All-Year-Round Solution

- Space Cooling
- Space Heating
- Domestic Hot Water



Application

A complete, All-Year-Round Solution



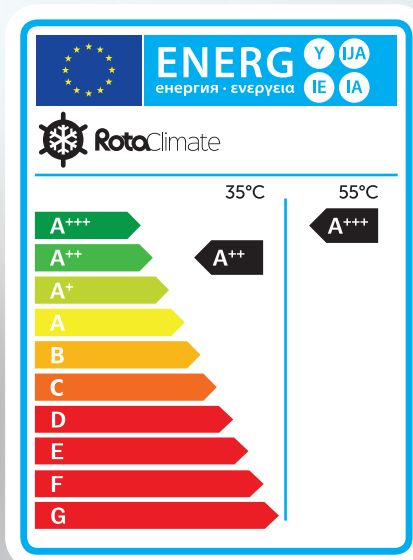
• Domestic Hot Water



• Space Heating



• Space Cooling



RotaClimate HP series offers flexibility in that its hydraulic components can be installed either indoors or outdoors. In the RotaClimate HP-Mono model, the hydronic components are integrated into the outdoor unit.

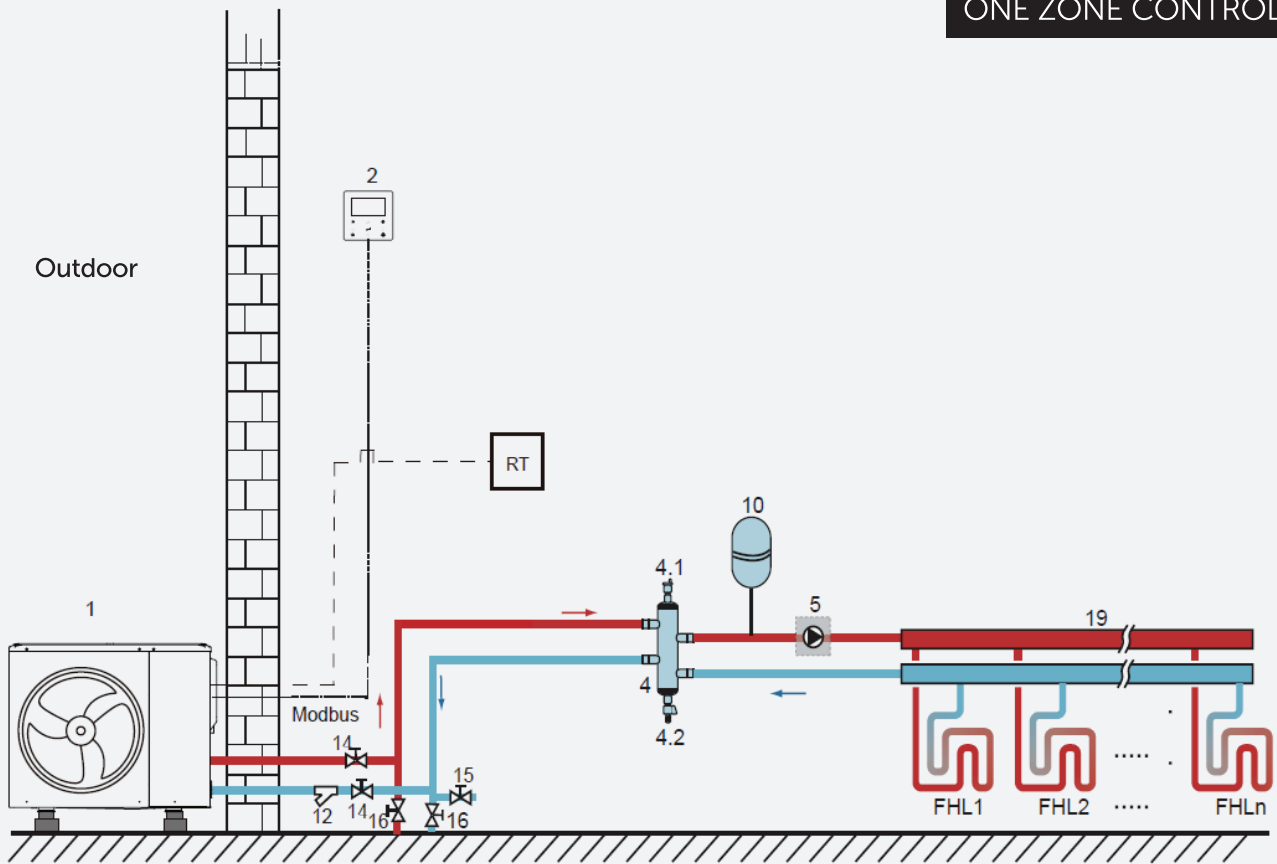
This provides the advantage of easy and practical installation, offering more flexibility and alternative solutions in mounting.

It has an A+++ class in energy efficiency and makes a significant contribution to reducing environmental impacts.

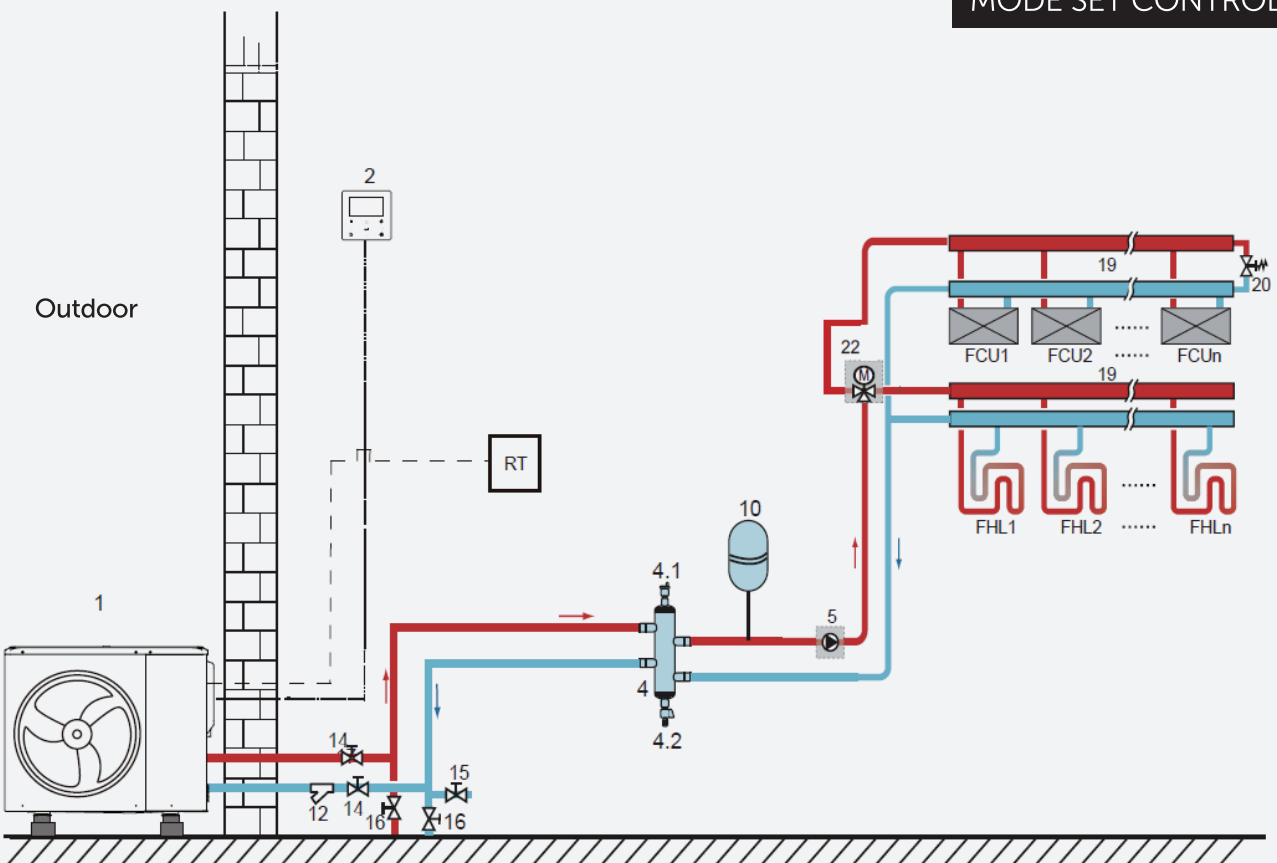
Application

Control Chart

ONE ZONE CONTROL



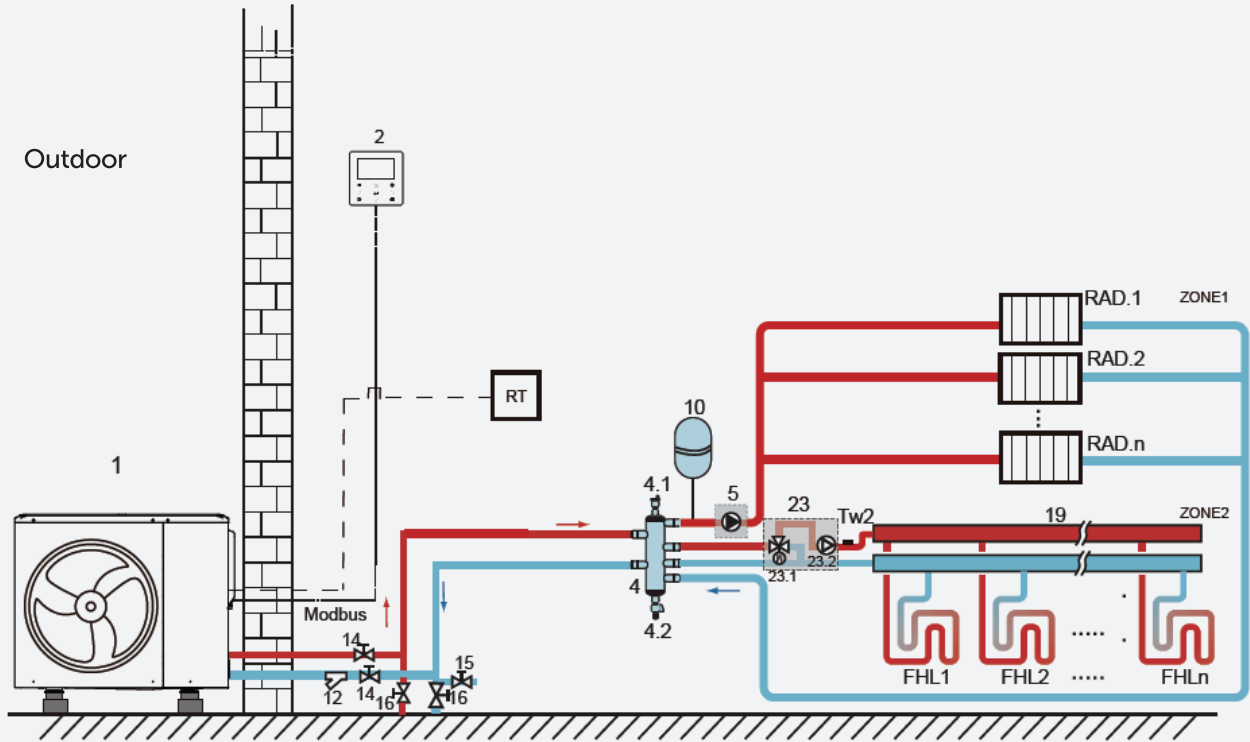
MODE SET CONTROL



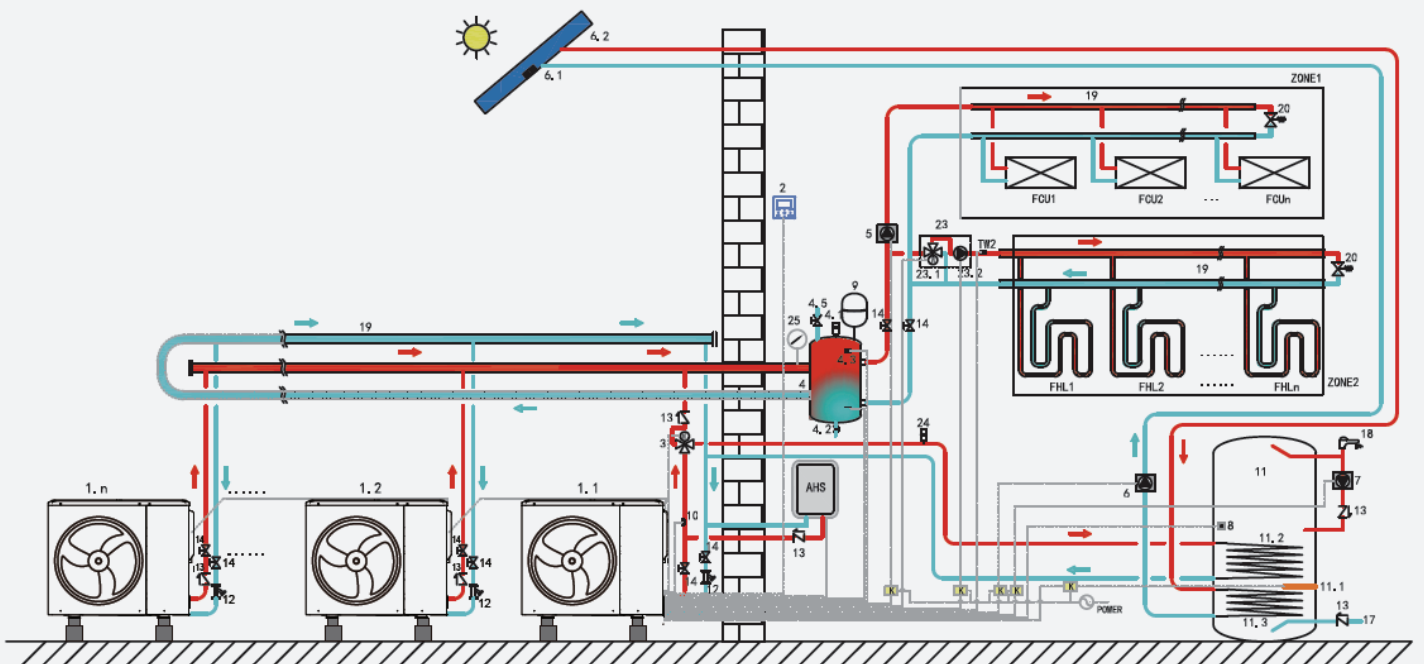
Application

Control Chart

DOUBLE ZONE CONTROL



CASCADE SYSTEM





Heat Pump Monoblock

| MODEL | | | ROTA HP-MB 8 | ROTA HP-MB 10 | ROTA HP-MB 12 | ROTA HP-MB 16 |
|--|--------------------------|------|----------------------------|----------------|----------------|----------------|
| Power supply(V/Ph/Hz) | | | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 |
| Heating A7W35 | Capacity | W | 8400 | 10000 | 12200 | 16000 |
| | Rated input | W | 1663 | 2128 | 2490 | 3556 |
| | COP | | 5,05 | 4,70 | 4,90 | 4,50 |
| Heating A7W45 | Capacity | W | 8500 | 10200 | 12500 | 16200 |
| | Rated input | W | 2237 | 2795 | 3378 | 4696 |
| | COP | | 3,80 | 3,65 | 3,70 | 3,45 |
| Heating A7W55 | Capacity | W | 8200 | 9400 | 12000 | 16000 |
| | Rated input | W | 2603 | 3032 | 4000 | 5614 |
| | COP | | 3,15 | 3,10 | 3,00 | 2,85 |
| Heating A2W35 | Capacity | W | 7100 | 8200 | 12300 | 14500 |
| | Rated input | W | 1797 | 2158 | 3417 | 4462 |
| | COP | | 3,95 | 3,80 | 3,60 | 3,25 |
| Heating A2W45 | Capacity | W | 7500 | 8500 | 12000 | 14300 |
| | Rated input | W | 2459 | 2881 | 4138 | 5296 |
| | COP | | 3,05 | 2,95 | 2,90 | 2,70 |
| Heating A2W55 | Capacity | W | 7600 | 8400 | 12000 | 13500 |
| | Rated input | W | 2815 | 3170 | 5106 | 5870 |
| | COP | | 2,70 | 2,65 | 2,35 | 2,30 |
| Heating A-7W35 | Capacity | W | 7100 | 8000 | 11600 | 13500 |
| | Rated input | W | 2254 | 2667 | 4070 | 5000 |
| | COP | | 3,15 | 3,00 | 2,85 | 2,70 |
| Heating A-7W45 | Capacity | W | 6800 | 7400 | 11500 | 13500 |
| | Rated input | W | 2720 | 3083 | 4792 | 6000 |
| | COP | | 2,50 | 2,40 | 2,40 | 2,25 |
| Heating A-7W55 | Capacity | W | 6600 | 7200 | 10800 | 12800 |
| | Rated input | W | 3143 | 3512 | 5143 | 6244 |
| | COP | | 2,10 | 2,05 | 2,10 | 2,05 |
| Cooling A35W18 | Capacity | W | 8300 | 10000 | 12200 | 15400 |
| | Rated input | W | 1711 | 2326 | 2652 | 3667 |
| | EER | | 4,85 | 4,30 | 4,60 | 4,20 |
| Cooling A35W7 | Capacity | W | 7400 | 9000 | 11600 | 14000 |
| | Rated input | W | 2349 | 3103 | 3742 | 4828 |
| | EER | | 3,15 | 2,90 | 3,10 | 2,90 |
| Seasonal space heating energy efficiency class | Water outlet at | 35°C | A+++ | A+++ | A+++ | A+++ |
| | Water outlet at | 55°C | A++ | A++ | A++ | A++ |
| SCOP | Warmer climate | 35°C | 6,94 | 7,05 | 6,63 | 6,46 |
| | | 55°C | 4,74 | 4,91 | 4,55 | 4,72 |
| | Average climate | 35°C | 5,18 | 5,12 | 5,08 | 4,84 |
| | | 55°C | 3,67 | 3,71 | 3,62 | 3,59 |
| | Colder climate | 35°C | 4,44 | 4,44 | 4,30 | 4,35 |
| | | 55°C | 3,02 | 3,14 | 3,23 | 3,18 |
| Water outlet at 7°C | | 5,19 | 5,08 | 5,07 | 5,11 | |
| SEER | Water outlet at 18°C | | 8,09 | 8,31 | 7,79 | 7,49 |
| Sound power level2 | Heating A7W35 | dB | 63 | 65 | 70 | 72 |
| | Heating max | dB | 66 | 68 | 74 | 74 |
| | Heating sllince mode 1 | dB | 61 | 63 | 66 | 67 |
| | Heating sllince mode 2 | dB | 58 | 60 | 64 | 64 |
| | Cooling A35W18 | dB | 63 | 65 | 69 | 71 |
| | Cooling max | dB | 66 | 68 | 74 | 74 |
| | Cooling sllince mode1 | dB | 61 | 63 | 66 | 67 |
| | Cooling sllince mode2 | dB | 58 | 60 | 63 | 64 |
| Compressor | Type | | DC twin rotary | DC twin rotary | DC twin rotary | DC twin rotary |
| | Type | | DC motor | DC motor | DC motor | DC motor |
| Fan | Number | | 1 | 1 | 1 | 1 |
| | Air flow | m3/h | 4500 | 4500 | 5200 | 5200 |
| Air side heat exchanger | Type | | Fin coil | Fin coil | Fin coil | Fin coil |
| Throttle | Type | | Electronic expansion valve | | | |
| | Type | | R32 | R32 | R32 | R32 |
| Refrigerant | Charged volume | kg | 1,25 | 1,25 | 1,80 | 1,80 |
| Water side heat exchanger | Type | | Plakalı | Plakalı | Plakalı | Plakalı |
| | Rated water flow | m3/h | 1,44 | 1,72 | 2,10 | 2,75 |
| Water flow range | m3/h | | 0.40-1.65 | 0.40-2.10 | 0.70-2.50 | 0.70-3.00 |
| Water pump | Type | | DC | DC | DC | DC |
| | Maximum pump head | m | 9 | 9 | 9 | 9 |
| | Volume | L | 5 | 5 | 5 | 5 |
| Expansion vessel | Maximum working pressure | bar | 8 | 8 | 8 | 8 |
| Safety valve | MPa | | 0.3 | 0.3 | 0.3 | 0.3 |
| Flow switch | m3/h | | 0.36 | 0.36 | 0.6 | 0.6 |
| Water side connection | | | G1"BSP | G1"BSP | G5/4"BSP | G5/4"BSP |
| Unit dimension (W×H×D) | mm | | 865×1040×410 | 865×1040×410 | 865×1040×410 | 865×1040×410 |
| Packing dimension (W×H×D) | mm | | 970×1190×560 | 970×1190×560 | 970×1190×560 | 970×1190×560 |
| Net weight | kg | | 87 | 87 | 106 | 106 |
| Gross weight | kg | | 103 | 103 | 122 | 122 |
| Ambient temperature range | Cooling | °C | -5~43 | -5~43 | -5~43 | -5~43 |
| | Heating | °C | -25~35 | -25~35 | -25~35 | -25~35 |
| | DHW | °C | -25~43 | -25~43 | -25~43 | -25~43 |
| Water setting temperature range | Cooling | °C | 5~25 | 5~25 | 5~25 | 5~25 |
| | Heating | °C | 25~65 | 25~65 | 25~65 | 25~65 |
| | DHW | °C | 20~60 | 20~60 | 20~60 | 20~60 |

The manufacturer reserves the right to make changes to product specifications without prior notice. Our company is not responsible for typographical errors in the catalog. Energy values may vary by region.

06/2025

1.The above data test reference standard EN14511; EN14825; EN50564; EN12102; (EU) No:811/2013; (EU)No:813/2013; OJ 2014/C 207/02.
2.Sound power test condition; EN12102-1

