# Versati II+ Air to Water Monoblock Heat Pump – Technical Specifications

| Model | | GRS-CQ8.0Pd/NaC-K | | GRS-CQ10Pd/NaC-K | | GRS-CQ12Pd/NaC-M | | GRS-CQ14Pd/NaC-M | |
|---|---|---|---|---|---|---|---|---|---|
| | | Cooling | Heating | Cooling | Heating | Cooling | Heating | Cooling | Heating |
| Capacity[1] (floor heating) | kW | 8,60 | 8,20 | 9,80 | 9,50 | 13,60 | 13,00 | 14,50 | 14,20 |
| Power Input[1] (floor heating) | kW | 2,00 | 1,82 | 2,50 | 2,20 | 3,45 | 2,85 | 3,70 | 3,35 |
| EER[1] – COP[1] (floor heating) | W/W | 4,30 | 4,51 | 3,92 | 4,30 | 3,94 | 4,56 | 3,92 | 4,24 |
| Capacity[2] (FCU) | kW | 6,20 | 7,80 | 7,40 | 9,50 | 9,55 | 12,50 | 10,30 | 13,00 |
| Power Input[2] (FCU) | kW | 1,90 | 2,30 | 2,38 | 2,69 | 3,00 | 3,35 | 3,30 | 3,60 |
| EER[2] – COP[2] (FCU) | W/W | 3,26 | 3,39 | 3,11 | 3,53 | 3,18 | 3,73 | 3,12 | 3,61 |
| Operation Temp. Range | °C | 8~50 | -22~37 | 8~50 | -22~37 | 10~48 | -20~35 | 10~48 | -20~35 |
| Water Temperature | °C | 7~25 | 25~60 | 7~25 | 25~60 | 7~25 | 25~60 | 7~25 | 25~60 |
| Sound Pressure Level | dB(A) | 53 | 53 | 54 | 55 | 54 | 54 | 54 | 57 |
| Operating Current (max) | A | 18,10 | 16,50 | 21,00 | 18,00 | 8,90 | 8,10 | 8,90 | 8,10 |
| Power Supply | V-Ph-Hz | 230V ~ 1N – 50 Hz | | 230V ~ 1N – 50 Hz | | 380V ~ 3N – 50 Hz | | 380V ~ 3N – 50 Hz | |
| Sanitary Water Temperature | °C | -22~45 | | -22~45 | | -20~45 | | -20~45 | |
| Power Supply Cable | $mm^2$ | 3×16 | | 3×16 | | 5×6 | | 5×6 | |
| Auxiliary Electrical Heater/ Steps | kW/ No | 3+3/ 2 | | 3+3/ 2 | | 3+3/ 2 | | 3+3/ 2 | |
| Compressor Type | | 2stage Inverter Rotary | | 2stage Inverter Rotary | | 2stage Inverter Rotary | | 2stage Inverter Rotary | |
| EXV Type | | Electronic expansion valve | | Electronic expansion valve | | Electronic expansion valve | | Electronic expansion valve | |
| Water Pump | | Willo Inverter | | Willo Inverter | | Willo Inverter | | Willo Inverter | |
| Expansion Vessel | lit | 10 | | 10 | | 10 | | 10 | |
| Water Pipes | inch | 1” Male | | 1” Male | | 1” Male | | 1” Male | |
| Refrigerant Charge | | R410 – 3,50kg | | R410 – 3,50kg | | R410 – 4,00kg | | R410 – 4,00kg | |
| Unit Dimensions WxHxD/ Weight | mm/kg | 1390x890x412/ 148 | | 1390x890x412/ 148 | | 1390x1438x381/ 205 | | 1390x1438x381/ 205 | |

Notes:Capacities and power inputs are based on the following conditions:

1. Heating: Water Out 35°C, ΔT= 5°C, Outdoor Temperature 7°C DB/6°C WB
Cooling: Water Out 18°C, ΔT= 5°C, Outdoor Temperature 35°C DB/24 °C WB
2. Heating: Water Out 45°C, ΔT= 5°C, Outdoor Temperature 7°C DB/6°C WB
Cooling: Water Out 7°C, ΔT= 5°C, Outdoor Temperature 35°C DB/24°C WB