



# AIR-TO-WATER MONOBLOC SYSTEM VERSATI IV



## THE ENERGY-EFFICIENT SOLUTION FOR WATER HEATING

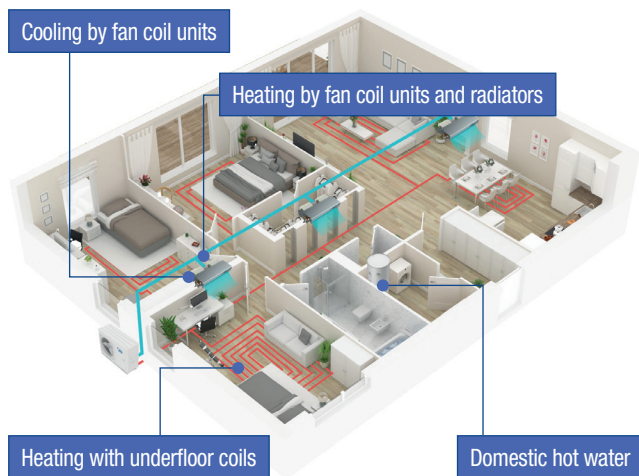
The **Versati IV** monobloc water-heating heat pump is an all-in-one solution, making installation quick and easy.

### HEATING FOR OUR CANADIAN CLIMATE

Incorporating Inverter technology and **GREE's** patented dual-stage Inverter compressor, the **Versati IV** air-to-water monobloc heat pump can produce heat at outdoor ambient temperatures as low as -25°C.

### VERSATILE APPLICATIONS

The **Versati IV** is a totally flexible, high-efficiency system offering versatile applications for air conditioning, heating and domestic hot water production.



### FEATURES AND BENEFITS:



HOLIDAY MODE



CURRENT LIMIT



FAST HOT WATER



FLOOR PROTECTION MODE



WATER SYSTEM COMMISSIONING



SELF-DIAGNOSIS



EMERGENCY MODE



WIRED CONTROLLER



WIFI CONTROL



INCLUDED FUNCTION



OPTIONAL FUNCTION



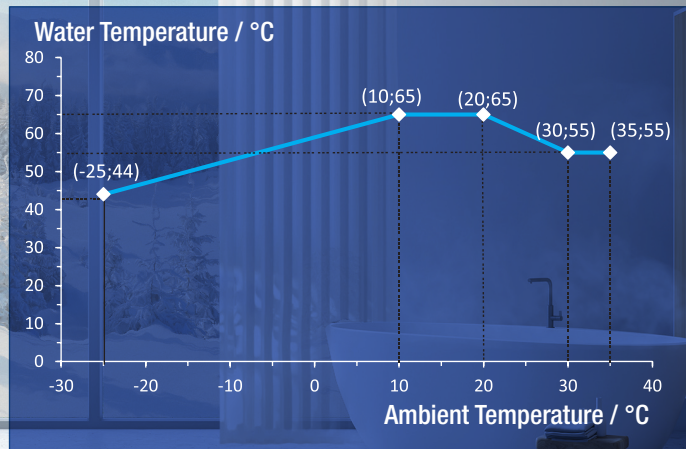
Versati IV condensing unit



Wired controller

- Side discharge condenser
- Quiet design
- Outlet water temperature up to 65 °C (150 °F)
- Heating at outdoor ambient temperature: -25 °C (-13°F)
- 5.8 kW electric auxiliary heater included
- Internal circulation pump included
- Wired controller included
- Emergency mode
- Dual-stage Inverter compressor
- Heavy gauge steel cabinet

### AMBIENT TEMPERATURE AND UPPER LIMIT OF OUTGOING WATER TEMPERATURE



**Note:** Ambient and water temperatures must be appropriate for the actual application.

| <b>VERSATI IV</b>                     |         | <b>Condensing Unit:</b> |                             | <b>GRS-CQ16PD/NHG3-D</b> |  |
|---------------------------------------|---------|-------------------------|-----------------------------|--------------------------|--|
| Power Supply                          |         | V/Hz/Ph                 | 208-230 / 60 / 1            |                          |  |
| <b>SYSTEM PERFORMANCE</b>             |         |                         |                             |                          |  |
| Capacity                              | Cooling | BTU/hr                  | 45726 (17915 – 47773)       |                          |  |
|                                       | Heating | BTU/hr                  | 54598 (23204 – 64835)       |                          |  |
| EER                                   |         | BTU/W*hr                | Up to 11.8                  |                          |  |
| COP                                   |         | W/W                     | Up to 4.4                   |                          |  |
| <b>CONDENSING UNIT SPECIFICATIONS</b> |         |                         |                             |                          |  |
| Ambient Temperature                   | Cooling | C° (F°)                 | -15 to 48 °C (5 to 118 °F)  |                          |  |
|                                       | Heating | C° (F°)                 | -25 to 35 °C (-13 to 95 °F) |                          |  |
| Sound Power Level                     |         | dB(A)                   | 60                          |                          |  |
| Rated Input Current: Compressor       |         | A                       | 28                          |                          |  |
| Rated Input Current: Fan              |         | A                       | 1.7                         |                          |  |
| Rated Input Current: Pump             |         | A                       | 0.9                         |                          |  |
| Fan Power Input                       |         | W                       | 150                         |                          |  |
| Fan Rotation Speed                    |         | RPM                     | 100 to 900                  |                          |  |
| Maximum Overcurrent Protection (MOP)  |         | A                       | 60                          |                          |  |
| Minimum Circuit Ampacity (MCA)        |         | A                       | 37                          |                          |  |
| Maximum Allowable Pressure            |         | MPa (PSIG)              | 4.8 (696)                   |                          |  |
| Water Connection (BSPP)               |         | po                      | 1                           |                          |  |
| Water Volume                          |         | LPM (GPM)               | 34.4 (9.1)                  |                          |  |
| Dimensions                            | Width   | mm (in)                 | 1206 (47-1/2)               |                          |  |
|                                       | Height  | mm (in)                 | 878 (34-9/16)               |                          |  |
|                                       | Depth   | mm (in)                 | 444 (17-1/2)                |                          |  |
| Weight                                | Net     | kg (lb)                 | 148.8 (328)                 |                          |  |
|                                       | Gross   | kg (lb)                 | 161.9 (357)                 |                          |  |
| <b>ELECTRIC HEATING</b>               |         |                         |                             |                          |  |
| Rated Input Current                   |         | A                       | 25                          |                          |  |
| Rated Input Power                     |         | W                       | 5800                        |                          |  |
| Maximum Overcurrent Protection (MOP)  |         | A                       | 35                          |                          |  |
| Minimum Circuit Ampacity (MCA)        |         | A                       | 32                          |                          |  |
| <b>REFRIGERATION SYSTEM</b>           |         |                         |                             |                          |  |
| Refrigerant Type / Charge             |         | kg (oz)                 | R32 / 2.2 (77.6)            |                          |  |

Affordable comfort you can trust from the world's largest manufacturer of air conditioners.



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