

# WATER-SOURCE HEAT PUMPS



## Heating 61WG

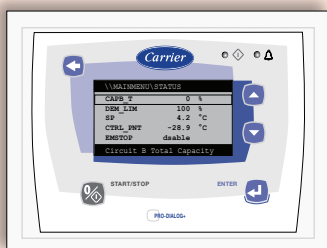
**AQUAFORCE**  
Heating

### Options/accessories

- Soft starter\*
- Master/slave operation\*
- External disconnect handle\*
- Condenser insulation\*
- Low or high-pressure fixed or variable-speed single-pump hydronic module, evaporator side\*
- Low or high-pressure fixed or variable-speed single-pump hydronic module, condenser side\*
- JBus, BacNet and LON gateways\*
- Built-in DHW + space heating control\*
- High-temperature water production, condenser side, with glycol solution on the evaporator side\*
- Low sound level\*
- Units stackable\*
- Customer water connection at the top of the unit\*
- Evaporator and condenser screw or welded connection sleeves\*
- Remote user interface\*
- Heating System Manager types A, B and C: control of comfort heating (one or more zones) and domestic hot water production in installations where the 61WG is backed up by auxiliary boilers, electric resistance heaters or a district heating system\*\*

\* Option

\*\* Accessory



Pro-Dialog+ operator interface

### Features

- Eleven sizes with nominal heating capacities from 29 to 117 kW.
- Aquasnap heat pumps designed for commercial (offices, hotels etc.), residential (houses, apartments etc.) or industrial applications (domestic hot-water production etc.).
- Optimised for heating applications - leaving water temperature up to 65°C (without auxiliary heating), evaporator temperature down to -5°C and a COP of above 5.
- Units are equipped with the latest generation R-410A scroll compressor, optimised for high-performance.
- Large number of options: hydronic kits with or without variable water flow rate, reinforced sound insulation, stacking and connection of two units, or operation with low-temperature glycol solution down to -12°C. Unique combination of high performance and functionality in an exceptionally compact chassis.
- The high temperature makes these units compatible with most heat sources, both in new and refurbished buildings and permits domestic hot water production in significant quantities (dual setpoint).
- Units use weather compensation control and control four supplementary electric heating stages or a relief boiler.
- Complete hydronic kit for both evaporator and condenser with different levels of available pressure, with variable or fixed speed.
- Needle valve control for easier transition from the comfort mode to domestic hot water production using a collection tank (not supplied).
- Reversibility by water flow inversion in the system.
- Pro-Dialog+ control and compatibility with the Aquasmart system
- Units available with connections at the top or at the rear.
- Easy installation: small footprint, ideal for refurbished buildings, allows access in very tight plant rooms.
- The variable water flow (VWF) technology of the variable-flow pump, optimises system operation and enhances energy efficiency.
- Standard low sound level allows installation in any building type.

