



GPE Kp

Modular packaged air-to-water reversible scroll multi-pipe unit for outdoor use

Cooling capacity from 72 kW
Heating capacity from 101 kW



EMICON's Everest²⁹⁰™ packaged air-to-water reversible scroll multi-pipe unit for outdoor use, incorporates a fully modular concept that ensures an extremely low charge of highly sustainable R290 refrigerant per circuit, providing maximum safety. Suitable for all HVAC applications where simultaneous or independent production of chilled and hot water is required, such as hotels and buildings with glass facades. The latest generation scroll compressors provide outstanding efficiencies and wide operating limits, down to -20°C in heating mode and + 48°C outdoor ambient in cooling mode. Heating-optimized and cooling-optimized versions.

FEATURES

- **Capacity expansion:** up to a maximum of 10 units
- **Extensibility:** possibility to extend the installation whenever necessary, even after start-up
- **High efficiency even at partial loads**
- **Minimal refrigerant charge** for each unit, in modular configuration. Additionally, each refrigerant circuit is isolated, thus reducing waste to the minimum in case of refrigerant leakage.
- **Operation continuity** with the 'Master in rotation' logic that allows one of the modules to be excluded for ordinary or extraordinary maintenance or for any other customer requirement, with no interruption to the operation of all other units.
- **Easy maintenance** thanks to the 'slide in – slide out' system
- **Accessibility:** Main components are all accessible from the front for easy maintenance.

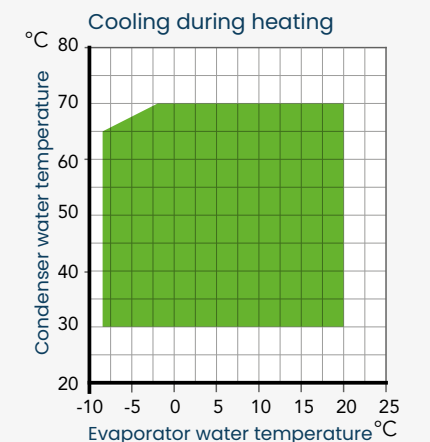
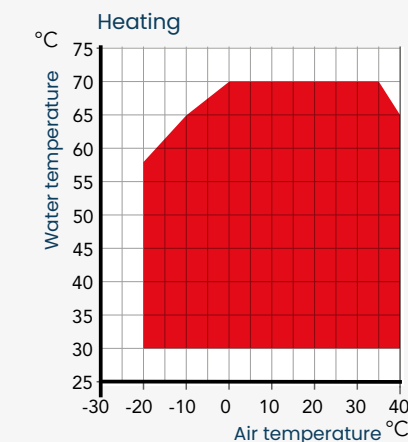
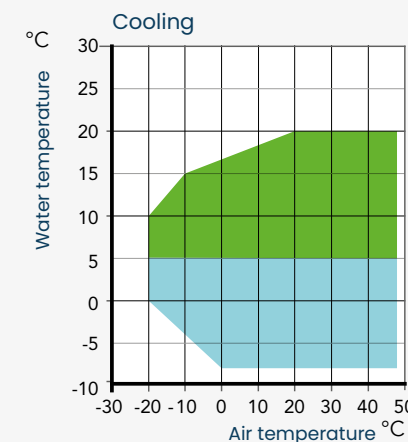
HVAC R290 Heat pumps – 4 pipe

APPLICATION

- Hospitality
- Office building
- Healthcare
- Shopping mall
- Airport
- Sports & Leisure

- Air Condensed
- EC Axial fans (Option)
- Scroll compressors
- Outdoor installation
- Inverter technology
- Natural Refrigerant
- Plate exchangers
- High efficiency

Operating range



Cooling mode

Cooling with glycol

Heating mode