



Everest²⁹⁰ 4-Pipe

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

Cooling capacity from 72 kW to 101 kW / Heating capacity from 87 kW to 117 kW



Air
Condensed



Scroll
compressors
(tandem or trio)



Plate
exchangers



High efficiency



EC Axial fans
(Option)



Outdoor
installation



Natural
Refrigerant

EMICON's Everst²⁹⁰ propane 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, installed in tandem or trio configuration, provide outstanding efficiencies and wide operating limits, down to -20°C in heating mode and + 77°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

APPLICATION



Hospitality



Office building



Healthcare



Shopping mall

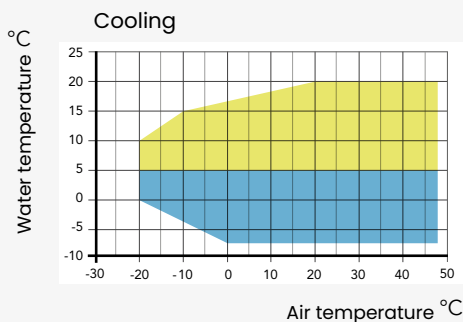


Airport



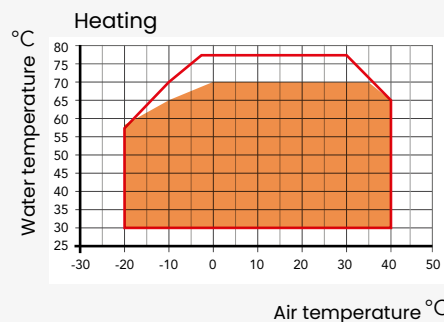
Sports & Leisure

Operating range



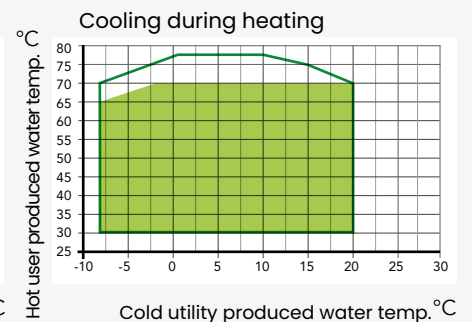
Cooling
GPE 881 Kp / GPE 1101 Kp /
GPE 1101 Kp + LNF

Cooling with glycol
GPE 881 Kp / GPE 1101 Kp /
GPE 1101 Kp + LNF



Heating mode
GPE 881 Kp

Heating mode
GPE 1001 Kp / GPE 1001 Kp + LNF



Cooling while heating
GPE 881 Kp

Cooling while heating
GPE 1001 Kp / GPE 1001 Kp + LNF