



Everest²⁹⁰ heat pump

PAE/PAE WA Kp: Modular packaged air-to-water reversible scroll heat pump for outdoor use

Cooling capacity from 66 kW / Heating capacity from 88 kW



Air
Condensed



Scroll
compressors



Plate
exchangers



High efficiency



EC Axial fans
(Option)



Outdoor
installation



Natural
Refrigerant



Easy access for
maintenance

EMICON's Everest²⁹⁰ packaged air-to-water reversible scroll propane heat pump 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 and capable of producing hot water up to 70°C. The latest generation scroll compressors guarantee outstanding efficiencies and wide operating limits, down to -20°C outdoor ambient in heating 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 accessible from the front for easy maintenance

APPLICATION



Hospitality



Office building



Healthcare



Shopping mall



Apartment building

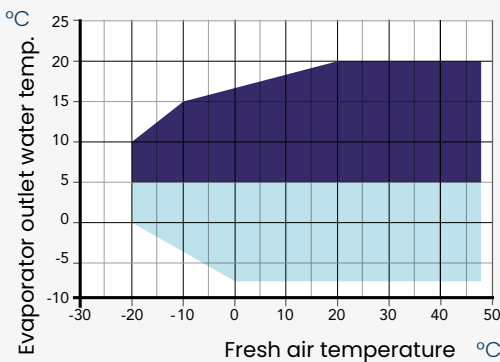


Airport

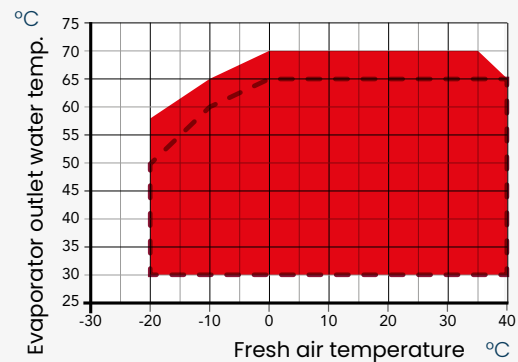


Sports & Leisure

Operating range



- Cooling mode
- Cooling mode with glycol



- Heating mode PAE Kp
- Heating mode PAE WA Kp