



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

HVAC

R290 Heat pumps – 2 pipe

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

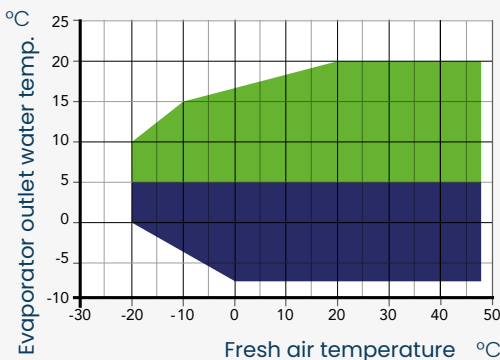


Airport



Sports & Leisure

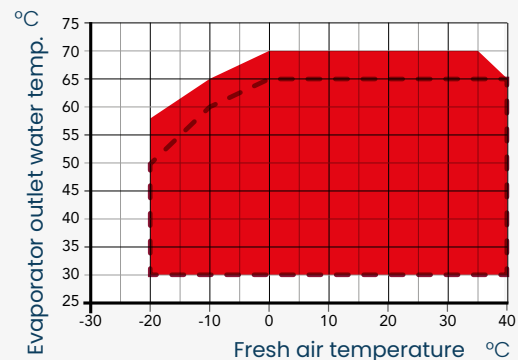
Operating range



Cooling mode



Cooling mode with glycol



Heating mode PAE Kp



Heating mode PAE WA Kp