



PAS Kp

Packaged air-to-water reversible reciprocating heat pump for outdoor use

Heating capacity from 43 kW to 335 kW
Cooling capacity from 36 kW to 297 kW



- Air Condensed
- AC Axial fans
- Semihermetic reciprocating compressors
- Plate exchangers
- Microchannel aluminium coils
- EC Axial fans (Option)
- Inverter technology
- Outdoor installation
- R290 Natural Refrigerant
- High efficiency (Option)

EMICON's packaged air-to-water reversible reciprocating heat pump, using highly sustainable R290 refrigerant, is suitable for outdoor use, in all HVAC applications.

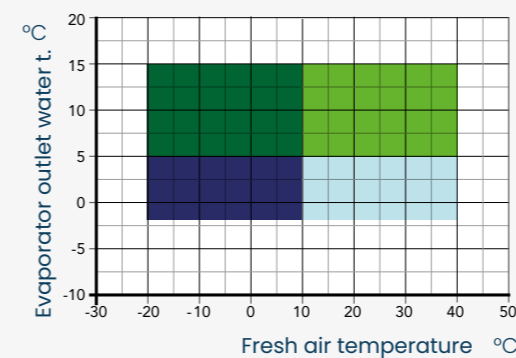
FEATURES

- 1 or 2 independent cooling circuits equipped with 1 or 2 compressors for each circuit.
- Possibility to interface to BMS system.
- Leak sensor turns off the compressors and activates the extraction fan in case of a refrigerant leak.
- Operation in cooling mode down to -10°C

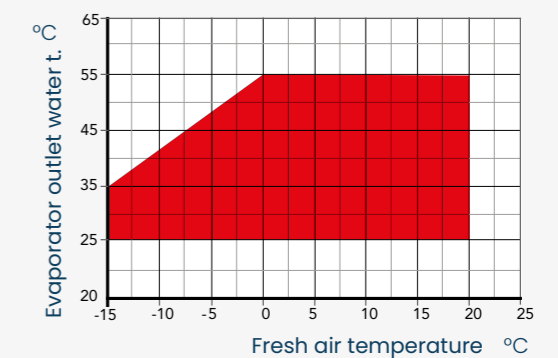
OPTIONS

- Operation in cooling mode down to -20°C (Opt. BF).
- Soundproof compressor cabinet with higher thickness material.
- Partial heat recovery.
- Electronic thermostatic valve.
- Part-winding compressor start-up system
- Advanced Cascade system - up to n.6 units.
- BACNET or TCP/IP Protocol serial interface with RS 485.
- Inverter for pump.
- Hiweb supervision system.

Operating range



- Cooling mode with condensing pressure control
- Cooling mode
- Cooling mode with condensing pressure control and glycol



- Cooling mode with glycol
- Heating mode

HVAC

R290 Heat pumps - 2 pipe

APPLICATION

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