



Air-cooled reciprocating chiller

RAS MC Kp: Packaged air-cooled reciprocating chillers for outdoor use

Cooling capacity from 54 kW to 350 kW



Air
Condensed



AC Axial fans



Semihhermetic
reciprocating
compressors



Plate
exchangers



Microchannel
aluminium coils



EC Axial fans
(Option)



Outdoor
installation



Inverter
technology



Natural
Refrigerant



High efficiency
(Option)

EMICON's propane packaged air-cooled reciprocating chillers for outdoor use, suitable for HVAC and high temperature process cooling applications. Microchannel condenser coils mean only a minimal charge of highly sustainable R290 refrigerant is required.

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

OPTIONS

- Operation in cooling mode down to -10°C (Opt. BT) or -20°C (Opt. BF)
- Soundproofed compressors 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

APPLICATION



Hospitality



Office building



Healthcare



Shopping mall



IT cooling



Airport



Sports & Leisure



Food processing

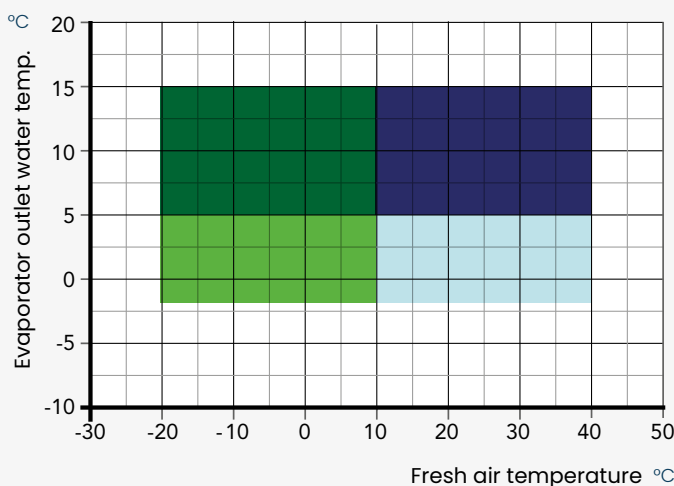


Industry



District cooling

Operating range



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