



Brine reciprocating chiller

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

Cooling capacity from 31 kW to 250 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, are suitable for medium temperature process cooling applications, with minimal charge of highly sustainable R290 refrigerant thanks to the microchannel condenser coils.

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 activate the extraction fan in case a refrigerant leak
- Operation in cooling mode with fresh air temperature down to -20°C
- Outlet water temperature production down to -14°C

OPTIONS

- Soundproof compressor cabinet with thickener material
- EC fans
- 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



Food retail



Food storage



Food processing



Ice rink

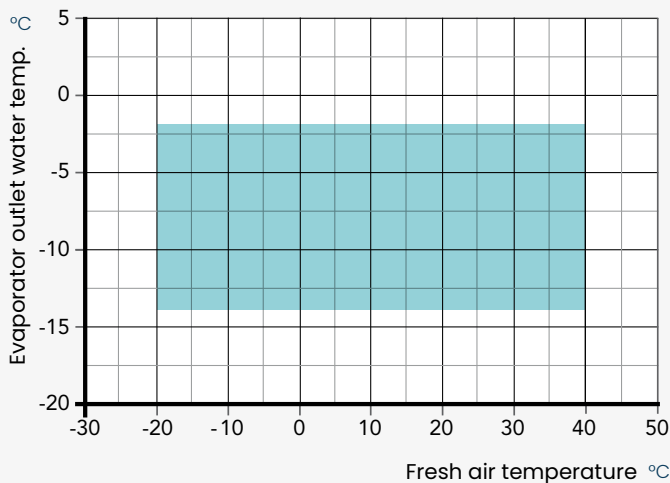


Industry



Winery & Brewery

Operating range



Cooling mode with glycol