



## 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



Semihermetic  
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  $-20^{\circ}\text{C}$
- Outlet water temperature production down to  $-14^{\circ}\text{C}$

### 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

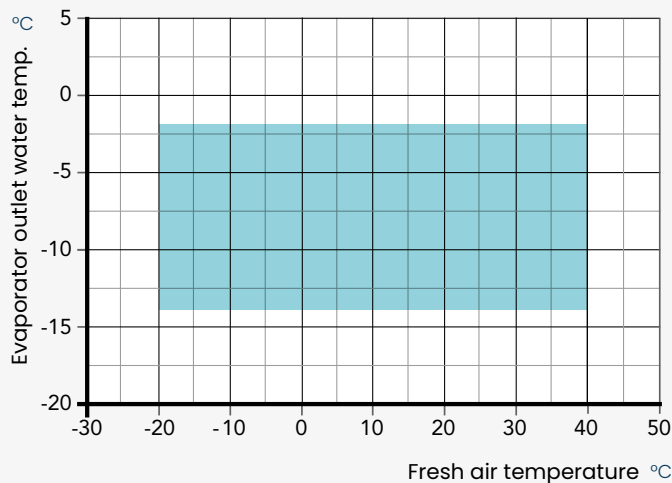


Industry



Winery & Brewery

### Operating range



■ Cooling mode with glycol