



Orca

Packaged air-cooled screw chillers
for outdoor use

Cooling capacity from 200 kW to 2500 kW



Air
Condensed



Outdoor
installation



Microchannel
aluminium coils



EC axial
fans



Screw
compressors



Natural
Refrigerant

ENEX INDUSTRIAL's packaged air-cooled screw chillers are ideal for outdoor use and suitable for HVAC and process cooling applications at high, medium and low temperatures. The system's modular concept and microchannel coils require a minimal charge of highly sustainable R717 refrigerant, increasing safety and shortening authorization processes.

FEATURES

- Compact design
- Low NH₃ charge: down to 65 g/kW
- Modular design (up to 6 modules)
- Suitable for high ambient temperature
- Robust structure to avoid vibrations and leaks
- Easy maintenance
- High efficiency
- EC fans
- Semiwelded PHE evaporator
- Air-cooled oil cooler
- Electronic expansion and liquid injection valves
- Proprietary control logic (Siemens industrial PLC)
- Frequency inverters for compressor motors
- NH₃ leak detection unit

OPTIONS

- Wide choice of compressor brands (semihermetic or open type) Mycom, Bitzer, Srmtec, GEA
- Sequence controller to manage multiple modules from the same control pane
- Dual temperature (evaporating from -40°C to -8°C with the same unit, Flex-Chiller)
- Total or partial heat recovery

APPLICATION



Food storage



Food processing



Ice rink



Industry



Winery & Brewery



Oil & Gas



District cooling



IT cooling