



CYGNUS AIR COOLED CHILLERS

COOLING CAPACITY 14 - 66 KW



ABOUT THE RANGE

This low power range of air cooled chillers provides an economical solution to a wide variety of industrial processes and HVAC applications. Using highly efficient scroll compressors and offering high seasonal efficiency and reduced noise levels the compact units are robust in design and reliable in operation.

Operating on environmentally friendly R410A refrigerant these chillers maximise on efficiency and reduce carbon emissions. All units within the Cygnus range are manufactured to meet strict EU testing guidelines and are controlled by ISO 14001 and ISO 19001 accreditations.

THE ICS COOL ENERGY PACKAGE

- Fully qualified, Europe-wide refrigeration engineers with over 30 years of experience
- In-house bespoke manufacture
- Full 3D CAD assisted engineering and design
- 24-hour customer service desk
- Maintenance packages available
- Out of hours emergency support
- Fully inclusive turnkey installation packages
- Parts, Glycol & contingency plans
- Advice on refrigerant, water treatment and protection for your cooling system
- Offices throughout Europe

CONTACT US

Call us free on
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E&OE. All data is subject to change and continuous improvement without notice. Equipment designed to ISO 9001 and all relevant electrical, pressure and mechanical directives.

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TECHNICAL FEATURES

The Cygnus range features hermetic rotary compressors for models 013 -020 and scroll compressors for units 211 -301. These powerful compressors coupled with a stainless steel plate evaporator and axial fans with electronic speed control offer reliable performance in all operating conditions. The units are manufactured with galvanised carbon sheet steel and coated in a polyester powder coating to provide a durable finish to withstand external siting.

With generous sized condensing coils sound output is minimised, alongside this the units operate with environmentally friendly refrigerant R410A.

ADDITIONAL COMPONENTS

- Phase monitor and crankcase heater
- Finned coils with copper pipes and aluminum fins generously dimensioned
- Thermostatic expansion valves
- Brazed plates heat exchangers in AISI 316 stainless steel with high energy efficiency and low water pressure drops
- Hydraulic circuit composed of: single or double circulation pump, storage tank, expansion vessel, safety valve, air vent valve.

VERSIONS

- Cooling only
- Heat pump
- Condensing unit
- Reversible condensing unit

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