

Chiller | WLA Compact

Reliable, precise, and compact industrial air cooled chiller | R134A | 1.41 - 5.05 Kw

Article:	WLA Compact
Brand:	Cosmotec
Effect:	1.41 - 5.05 kW
Cooling fluid:	R134A
Power supply:	230Vac 400Vac 460Vac
Operating range:	Standard cooling unit
Outlet water temperature:	-5°/+1°C ÷ +13°/+30°C;
Ambient air temperature:	min/max +15°/+45°C



Description

Chiller / WLA Compact is an air-cooled industrial chiller with Compact design. The performance of modern industrial processes is closely affected by variations in their operating temperature and can be compromised by dangerous overheating. The new WLA Compact industrial chillers are designed to provide precise temperature control of the process fluid and reliable operation in a wide range of industrial applications such as: Cooling of machine tools, Lasers, Presses, Extruders, Chemical, Pharmaceutical, Food, Medical sectors.

Cooling circuit:

- Piston (mod. 02-03), rotary (mod. 05-08) or scroll (mod. 10-13) compressor
- New plate heat exchangers optimized for high evaporation temperatures
- New lamellar condensers protected by a metal particle filter and with reduced pipe diameter: they reduce the refrigerant supply by around 20%.
- HP high pressure switch with manual reset
- Thermostatic lamination valve

Hydraulic circuit:

- Atmospheric pressure hydraulic circuit constructed of non-ferrous materials
- New HDPE inertia tank with increased volume equipped with visual level indicator, fill/drain connections and overflow
- Automatic bypass valve in bronze as standard
- Standard flow monitor
- Manometer 0-6bar

Article number

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