

Chiller | WPA Techno

Air-cooled industrial liquid chiller | ErP2021 – R410A – R454B with scroll compressor | 165 - 560 kW

Article:	WPA Techno
Brand:	Cosmotec
Type:	Air-cooled
Effect:	165 - 560 kW



Description

Chiller / WPA Techno is a liquid chiller designed for cooling process applications 24/7, 365 days a year, air-cooled with two refrigeration circuits and scroll compressors installed in tandem/trio optimized for the use of R410A/R454B, plate/tube bundle evaporators, and cooling capacities from 165 kW to 560 kW.

Cosmotec's experience in process cooling has led to the development of this range of industrial chillers capable of meeting the broad operational limits (both on the environment and user sides) required by new technologies used for energy saving. All chillers in the WP range feature high levels of energy efficiency (Class A or B) and comply with the limits required by Directive 2009/125/EC Ecodesign ErP 2021.

Environmentally friendly version with LOW GWP

- On request, WPA units are available with environmentally friendly R454B refrigerant that provides a reduction in global warming potential (GWP = 467). Classified as A2L R454B is non-toxic but slightly flammable, in PED safety group 1.

Free cooling for energy saving

- Chiller / WPA Techno are available in an integrated Free Cooling version, which allows significant energy savings, especially in applications requiring high coolant temperatures (plastics, data centers) and installation in areas with cold or temperate climates (minimum temperature -20°C). By utilizing external air to cool the fluid, the Free Cooling system can completely replace the refrigeration circuit, thus allowing the compressors to be turned off.

Article number

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