

Chiller | WPAmi Techno

Air-cooled industrial liquid chiller | ErP2021 – R410A with Scroll compressor | 95 - 170 kW

Article:	WPAmi Techno
Brand:	Cosmotec



Description

Chiller / WPAmi Techno is an air-cooled industrial liquid chiller designed for process cooling 24/7, 365 days a year, characterized by two refrigerant circuits with scroll compressors in tandem optimized for the use of R410A, plate evaporator and cooling capacity from 95 kW to 170 kW.

Cosmotec's experience in process cooling has led to the development of this series of industrial chillers that can meet the wide operating limits (both ambient and user side) required by the new technologies used for energy conservation. All WPAmi series chillers have high levels of energy efficiency (class A or B) and compliance with the limits required by the 2009/125/EC Ecodesign ErP 2021 directive. The integrated Free Cooling version available for the WPAmi series enables significant energy savings, especially for installations in areas with cold or temperate climates. Even in the low-noise version, ideal for installations near residential areas, our units maintain high performance and high energy savings, ensuring low noise.

The Electronic Expansion Valve (EEV) optimizes temperature and pressure for gas evaporation, increases efficiency at part loads on the user side and helps extend the unit's operating range. The Microchannel condensers are made entirely of aluminum and are expressly designed to maximize the performance of the cooling unit and enable the reduction of the overall dimensions and the minimization of the refrigerant charge. For better resistance to corrosion, e-coating protective treatment is available (optional).

Certifications

- ISO 9001
- ISO 14001
- ISO 50001
- UL certificate
- EAC air conditioning
- Certificate F.GAS

Environmentally friendly version with LOW GWP

Article number

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