

## Chiller | WSA/WSI ErP Techno

Air-cooled industrial liquid chiller | ErP2021 – R513A (WSA) – R1234ze (WSI) with screw compressor | 376kW-1260kW

Article: WSA/WSI ErP Techno

Brand: Cosmotec



### Description

Chiller / WSA/WSI ErP Techno is an air-cooled industrial liquid chiller designed for process cooling 24/7, 365 days a year, air-cooled with two refrigerant circuits and screw compressors optimized for the use of the environmentally friendly refrigerant R513A, dry expansion shell and tube evaporator and cooling capacity from 376 kW to 1627 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 cooling units in the WSA series are characterized by high levels of energy efficiency (class A or B) and meet the limits required by the 2009/125/EC Ecodesign ErP 2021 directive. The integrated Free Cooling version available for the WSA series also enables significant energy savings, especially when installed in areas with cold or temperate climates.

Also available in Low Noise version, ideal for installations near residential areas, our units maintain high performance and high energy savings, ensuring low noise. The HT version is designed for applications with high temperature water (up to +25°C) and includes screw compressors with oversized motors. 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 completely made of aluminum and expressly designed to maximize the performance of the cooling unit, they make it possible to reduce the overall dimensions and minimize 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

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