

Air-Cooled Screw Chiller

This air-cooled screw chiller is engineered for industrial cooling processes. The unit features a digital control panel, pressure gauges, and a robust enclosure with casters for mobility.



Product Overview

Industrial Cooling Performance

This air-cooled screw chiller is engineered for high-demand industrial cooling applications, utilizing advanced semi-hermetic screw compressors for reliable performance. The system features a sophisticated micro-computer touch controller with automatic failure detection and interlocking protection to extend operational life. By integrating custom high-efficiency evaporators and V-shaped condensers, the unit achieves energy savings exceeding 20% compared to standard models.

Key Components

Compressor Technology	Double semi-hermetic screw compressor
Control Interface	Micro-computer touch controller, Automatic failure detection, Interlocking protection

Technical Specifications

Efficiency Highlights

20 %

Energy Efficiency Improvement

Heat Exchanger Components

Component	Key Features
Evaporator	Internal thread high-efficiency shell and tube, anti-corrosion
Condenser	V-shape design, high-efficiency internal thread tube, clean water aluminium fins

Design Features

Operational Advantages

- Robust axial tandem bearings
- Infinite or closely stepped capacity control
- Large volume motor
- Compact V-shape condenser for improved air flow