

Industrial Water Cooling Screw Chiller

This industrial water cooling screw chiller is designed for efficient water cooling in industrial settings. It features a high-efficiency screw rotor compressor with multi-stage capacity control.



Product Overview

Industrial Efficiency & Reliability

This industrial water-cooled screw chiller is engineered for high-efficiency thermal management in demanding environments. Featuring an advanced screw rotor compressor design, it offers exceptional energy performance and structural longevity. With versatile capacity control and multi-refrigerant compatibility, this unit provides a robust, low-noise solution for professional industrial cooling requirements.

Performance Features

Efficiency Gain

30 %

Efficiency Improvement

Capacity Control Options

- Four-stage (100% - 75% - 50% - 25%)
- Three-stage (100% - 66% - 33%)
- No-stage control system

Technical Specifications

Key Advantages

Low Noise • Compact Design • Low Vibration • High Efficiency

Compatible Refrigerants

R22, R134a, R407c

Construction

Bearing Life Enhancement

11-bearing design with A-type axial thrust balance drum (improves life by 2.5-3.5x)

Oil Management

Integrated oil pressure system with double-layer filtering; no external oil pump required