

# Water Cooled Screw Chiller with Shell and Tube Evaporator

This water cooled screw chiller offers stable performance, a long service life, and an enhanced cooling effect. It is equipped with multiple protection devices to ensure safe and efficient operation.



## ADDITIONAL IMAGES



## Product Overview

### PRODUCTS DESCRIPTION

SCREW CHILLER  
INDUSTRIAL CHILLER WATER-COOLED CHILLER



High-efficiency water-cooled screw chiller designed for industrial process cooling.

### Industrial Water-Cooled Screw Chiller

This high-performance water-cooled screw chiller is engineered for stable operation and long service life in demanding industrial environments. Featuring a robust shell and tube evaporator and advanced screw compression technology, it delivers superior cooling efficiency. The unit is equipped with comprehensive protection systems and intuitive warning indicators to ensure reliable performance and simplified maintenance.

## Key Features

### FEATURES:

- 1 Compressor high and low pressure protection, internal overheating protection.
- 2 Low water flow alarm device, low water temperature and waterproof alarm.
- 3 Refrigeration system welding joint adopts oxygen-free welding method to reduce oxides and smooth surface.
- 4 Use stainless steel plate type, coil type, shell and tube type, fin type high efficiency heat exchanger.

Integrated protection systems, including pressure and temperature monitoring, ensure safe operation.

### PRODUCT DETAILS



Precision-engineered components like Emerson expansion valves and shell-and-tube condensers provide stable cooling.

### Technical Highlights

- Oxygen-free welding for reduced oxides and smooth joints
- High-efficiency shell and tube condenser
- Emerson expansion valve for stable load control
- Low vibration and noise operation
- Accessible internal parts for easy maintenance

### Safety & Protection

High/Low Pressure Protection, Overheating Protection, Low Water Flow Alarm, Low Temperature Alarm, Machine Failure Warning Light

## Applications

### Industry Applications

Injection Molding, Food Processing, Pharmaceutical, Chemical Industry, Rubber Machinery

## Performance

### System Efficiency Metrics

**1 Dual**

Cooling System

**100 Easy**

Maintenance