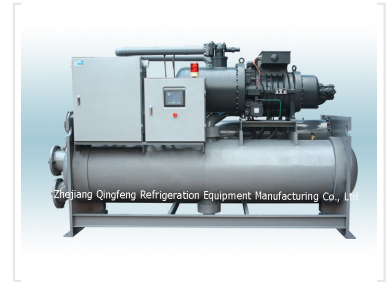


# Shell and Tube Dry Style Chiller for Surface Treatment

This industrial chiller is designed with a shell and tube heat exchanger for efficient heat transfer. It is suitable for cooling processes in chemical and industrial settings.



Zhejiang Qingfeng Refrigeration Equipment Manufacturing Co., Ltd.

## Overview

### Industrial Shell and Tube Dry Style Chiller

This advanced dry style chiller is engineered specifically for surface treatment applications, utilizing high-efficiency flooded anti-corrosion evaporators. By employing a direct cooling method, the system eliminates the need for external plate heat exchangers and water pumps, resulting in operational energy savings of at least 37%. The unit ensures consistent process quality through specialized thermal management, keeping oxidized frozen liquid at an average temperature with high precision.

## Performance

### Efficiency Metrics

**6.4**

Coefficient of Performance (COP)

**37 %**

Energy Savings

### Operating Conditions

- Energy consumption zero at ambient temperatures below 12°C
- Free hot water supply up to 55°C
- Temperature control precision within 2°C
- Direct cooling cycle

## Technical Features

### System Components

Shell and Tube Heat Exchanger, Anti-corrosion Evaporator, Water Cooling Condenser, Touch Screen Control, Computerized Automation