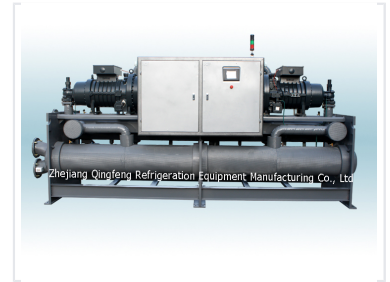


Flooded Screw Chiller for Industrial Cooling

This flooded screw chiller is designed for industrial cooling applications. It features screw compressors and a flooded evaporator, providing precise temperature control and energy-saving performance.



Overview

Flooded Screw Chiller Technology

This flooded screw chiller is engineered for high-efficiency industrial cooling applications, featuring a specialized flooded evaporator design. It offers significant advantages including low starting current, reduced noise levels, and simplified maintenance procedures. By utilizing patented external thread pipe technology, the unit achieves a COP exceeding 5.34, resulting in 27% higher energy efficiency compared to standard dry chillers while simultaneously providing hot water up to 55°C.

Performance Metrics

Coefficient of Performance (COP)

5.34

COP Rating

Energy Efficiency Improvement	27 %
Hot Water Output	55 °C

Design Features

Operational Benefits

- Low starting current
- Compact size
- Low noise operation

Evaporator Design	Flooded type
Maintenance Highlights	Easy cleaning, Side cover access, Low repair rate

Applications

Suitable Industries

Plastics • Chemicals • Pharmaceuticals • Food Processing