

Flooded Type Screw Chiller

This high-efficiency flooded type screw chiller is engineered for superior cooling performance. It utilizes a flooded evaporator design, maximizing heat transfer and reducing energy consumption.



Zhejiang Qingfeng Refrigeration Equipment Manufacturing Co., Ltd.

Product Overview

High-Efficiency Flooded Screw Chiller

This high-efficiency flooded type screw chiller is engineered for superior cooling performance and industrial reliability. Utilizing an advanced flooded evaporator design, it maximizes heat transfer while maintaining a compact footprint. The system features a robust screw compressor for precise temperature control and offers significant energy savings compared to standard dry chillers, while also providing hot water capabilities.

Performance Metrics

Coefficient of Performance (COP)

5.34 ratio
COP Rating

Energy Efficiency

27% more efficient than standard dry chillers

Technical Features

Evaporator Design

Flooded design with patented external thread pipe

Hot Water Capability

55 °C

Maintenance & Design

Maintenance Advantages

- Low repair rate
- Easy cleaning access via side cover
- Low noise operation
- Compact footprint

Operational Characteristics

Starting Current

Low

Applications

Suitable Industries

Plastic Machinery, Rubber Machinery, Chemical Processing, Industrial Cooling