

# Low Temperature Brine Chiller Unit

This low-temperature brine chiller is suitable for pharmaceutical, chemical, food, and ice rink applications. It provides energy-efficient and reliable industrial cooling solutions for medium and low-temperature needs.



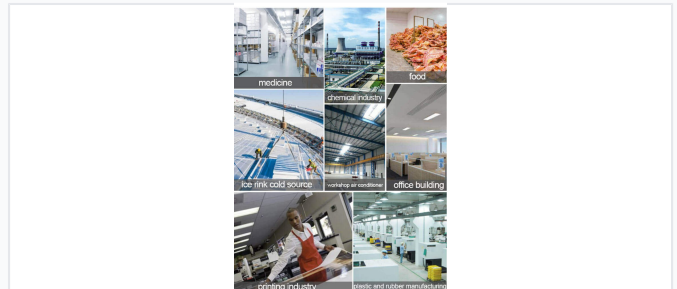
## ADDITIONAL IMAGES



## Product Overview



A robust industrial-grade chiller designed for high-reliability cooling in demanding environments.

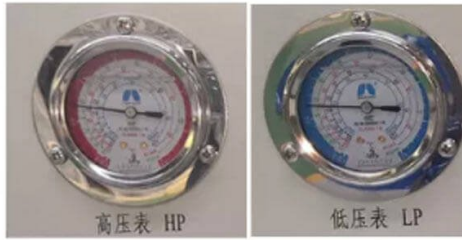


Suitable for diverse industries including food processing, pharmaceutical storage, chemical manufacturing, and ice rinks.

### Industrial Low Temperature Brine Chiller

This industrial-grade brine chiller unit is engineered for demanding cooling applications in sectors such as pharmaceuticals, chemical processing, food production, and industrial ice rinks. It features a robust design with high-precision shell and tube heat exchangers and advanced automation control systems, ensuring reliable and efficient performance. The unit offers flexible temperature ranges and customizable cooling capacities to meet specific operational requirements.

## Technical Specifications



Integrated high and low-pressure gauges allow for real-time system monitoring and maintenance.

Compatible Refrigerants	R22, R507A, R404A, R134A, R448A, R449A
Condenser Type	Water-cooled condenser
Construction Materials	Carbon Steel, Copper Pipe

## Performance Metrics

### Series Performance Data

Series	Inlet Temp Range (°C)	Outlet Temp Range (°C)
Double Stage	-50 to -35	-55 to -40
Low Temperature	-35 to -10	-40 to -15
High Temperature	-15 to 12	-20 to 7

## Control & Automation



Advanced automation control system featuring HMI and PLC integration for precise operational management.

### Control System Components

- HMI Interface
- PLC Controller
- Molded Case Circuit Breaker
- AC Contactor

Energy Regulation	Yes
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