

Direct-Fired Lithium Bromide Absorption Chiller

This absorption chiller uses a thermal energy source to drive the absorption cycle. The multi-stage design enhances performance and reduces energy consumption.



Overview

High-Efficiency Industrial Cooling

This direct-fired lithium bromide absorption chiller is engineered for high-performance industrial cooling applications. By utilizing thermal energy sources like natural gas or waste heat, it offers a highly efficient alternative to traditional vapor-compression systems. Its multi-stage absorber and generator design ensures superior thermal performance, while the robust, durable construction is built to withstand the demands of large-scale environments such as data centers and manufacturing plants.

Technical Specifications

System Design

- Multi-stage absorber
- Multi-stage generator
- Advanced control system

Cooling Technology

Lithium Bromide Absorption Cycle

Compatible Energy Sources

Natural Gas, Waste Heat

Applications

Typical Applications

Manufacturing Plants • Data Centers • District Cooling