

Industrial Counter Flow Cooling Tower

This cooling tower absorbs heat from a system using water as a circulating coolant and discharges it into the atmosphere, reducing the water's temperature. It facilitates cold and heat exchange through water and air flow contact, generating steam and dissipating waste heat.



ADDITIONAL IMAGES



Product Overview

Efficient Industrial Heat Rejection

This industrial counter-flow cooling tower utilizes water and airflow to effectively dissipate waste heat from industrial and HVAC systems. By employing a counter-current design where water flows downward against upward airflow, it achieves superior heat exchange efficiency with a compact packing volume. The system is designed for reliability, featuring easy maintenance, anti-freezing capabilities, and modular scalability for various industrial demands.

Design & Performance

Efficiency Comparison

20 %

Packing Volume Reduction

Cooling Stages

- Water distributor to packing top
- Fill water and air heat exchange section
- Sump space 'tail effect' cooling

Configuration

Counter-flow

Operational Features

Operational Highlights

Easy Maintenance • Modular Design • Anti-Freezing Capable • Low Moisture Backflow • Non-clogging Distribution

Applications

Mechanical Equipment Cooling

- Air conditioning systems
- Cold storage
- Air compressors
- Steam turbines
- Hydraulic machines
- Generators

Primary Industries

HVAC, Power Generation, Plastic Industry, Chemical Processing, Food Industry, Pharmaceutical, Metal Casting, Rubber Industry, Textile Industry