

Industrial Air-Cooled Condenser Unit

This air-cooled condenser unit provides a cold source without the need for cooling water, reducing environmental pollution. It also features low maintenance costs.



Overview

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This large-scale industrial air-cooled condenser unit utilizes natural air cooling to manage process fluid heat exchange, offering a sustainable alternative to traditional water-cooled systems. By significantly reducing water consumption—often to just a quarter of conventional requirements—it helps facilities lower environmental impact and maintenance costs. Designed for high-capacity heat rejection, this robust unit is engineered for demanding environments including power plants, petrochemical processing, metallurgy, and gas separation.

Applications

Core Industries

Power Generation, Petrochemical, Chemical Processing, Metallurgy, Gas Separation

Technical Features

Capacity Class

1000 MW
Power Rating

Key Advantages

- Significant water conservation
- Reduced environmental pollution
- Lower maintenance costs
- High-capacity heat rejection

Cooling Method

Natural air cooling (Air-Cooled Condensation)