

# 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)