



Energy-Saving Air Cooled Condenser for Commercial and Industrial Applications Voltage 380V/220V

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Damai
- Certification: CE;ISO
- Model Number: DM-DV
- Minimum Order Quantity: 1
- Price: \$200~\$100000
- Packaging Details: Wooden Case
- Delivery Time: 15 Work Days
- Payment Terms: T/T
- Supply Ability: 1000000pcs/year



Product Specification

- Motor Type: Direct Drive
- Origin: China
- Application: Commercial/Industrial
- Cooling Method: Air Cooling
- Type: Air-Cooled
- Voltage: 380V/220V
- Number Of Fans: 2-6
- Keyword: Blast Freezer Condenser
- Highlight: **Energy Saving Air Cooled Condenser,
Commercial Air Cooled Condenser,
Industrial Air Cooled Condenser**

Product Description

Product Description:

The Air Cooled Condenser (ACC) is a high-efficiency heat exchange system designed for thermal power plants, industrial processes, and applications requiring sustainable steam condensation. Utilizing axial-flow fans to force ambient air across finned tube bundles, it condenses exhaust steam from turbines into water for boiler reuse, ensuring closed-loop water conservation and reduced operational costs.

Available in V-shaped, A-frame, flat, and modular configurations, our ACCs feature robust materials like aluminum-clad carbon steel tubes and corrosion-resistant coatings, suitable for harsh environments up to 800°F. Key advantages include compact footprint (40% space savings), low-noise operation, and anti-freeze technology for sub-zero conditions.

With customizable designs and components like vacuum-pumping systems, Shuangliang ACCs are globally trusted in 1000MW power plants and waste-to-energy projects, validated by rigorous fatigue tests (1,000+ cycles) and environmental simulations (-25°C to 50°C). Ideal for water-scarce regions, our ACCs eliminate cooling towers, reduce capital costs, and ensure 30-year durability with minimal maintenance.



Features:

Product Name: Air Cooler Condenser

Number Of Fans: 2-6

Type: Air-Cooled

Application: Commercial/Industrial

Cooling Method: Air Cooling

Motor Type: Direct Drive



Zhejiang Damai Cold Chain Equipment Co.,Ltd.

Zhejiang Damai Cold Chain Equipment Co., Ltd. is a leading manufacturer of refrigeration units, like condensers, air coolers, all kinds of units, and solution provider for cold storage rooms.:

We, Damai Cold Chain, are located in Zhejiang Province China, already supplied our machines, designing and installation services to more than 80 countries and districts clients in the world.:

At present, we can supply clients for Bitzer, Copeland, Danfoss, Carrier, Damai and other brands compressors and refrigeration units, we also can supply clients for OEM & ODM service.:

We want to establish a bright future with potential partners together!:-



Technical Parameters:

Application	Commercial/Industrial
Voltage	380V/220V
Keyword	Blast Freezer Condenser
Origin	China
Cooling Method	Air Cooling

Type	Air-Cooled
Motor Type	Direct Drive
Number Of Fans	2-6

Applications:

Applications of Air-Cooled Condensers (ACCs):

Air Cooled Condensers are widely deployed in industries where water scarcity, environmental regulations, or cost-efficiency drive the need for dry cooling solutions. In thermal power plants, ACCs condense turbine exhaust steam in coal-fired, gas-fired, or combined-cycle units, eliminating reliance on cooling towers and reducing freshwater consumption by up to 95%.

They are integral to waste-to-energy plants, efficiently managing steam from incineration processes while minimizing emissions. For petrochemical and refining facilities, ACCs recover process steam and vapors, ensuring safe, water-free operation in corrosive or high-temperature environments.

Renewable energy projects, such as biomass plants and geothermal systems, leverage ACCs to sustainably balance heat rejection with zero liquid discharge. Modular designs also enable deployment in off-grid industrial sites, desalination plants, and district heating networks, where space constraints or extreme climates (-25°C to 50°C) demand compact, frost-resistant solutions.

With adaptability for retrofits or greenfield installations, ACCs are a cornerstone of eco-conscious energy systems, aligning with global sustainability goals like net-zero water usage and reduced thermal pollution.



Support and Services:

The Product Technical Support and Services for the Air-Cooler Condenser include:

- Installation assistance
- Troubleshooting guidance
- Maintenance tips
- Warranty information
- Product updates and upgrades



