



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

Our Product Introduction

### 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**

for more products please visit us on [coldroomunit.com](http://coldroomunit.com)

**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 Chian 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



