



Industrial Grade Freezer Room Condensing Unit with 380V/220V Voltage and 2-6 Fans

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

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

Product Description

Product Description:

The Air Cooled Condenser (ACC) is a high-efficiency heat exchange system designed for various applications including thermal power plants, industrial processes, and sustainable steam condensation requirements. It utilizes axial-flow fans to push ambient air over finned tube bundles, facilitating the condensation of exhaust steam from turbines into water for boiler reuse. This closed-loop system promotes water conservation and decreases operational costs.

Available in different configurations such as V-shaped, A-frame, flat, and modular designs, our ACCs are constructed using durable materials like aluminum-clad carbon steel tubes and coatings that resist corrosion, making them suitable for use in extreme environments as hot as 800°F. Key benefits of our ACCs include their compact footprint (resulting in 40% space savings), quiet operation, and capability to operate in sub-zero conditions with anti-freeze technology.

Shuangliang ACCs offer customizable designs and components like vacuum-pumping systems, making them widely trusted globally in both 1000MW power plants and waste-to-energy projects. These systems are validated through stringent fatigue tests (1,000+ cycles) and environmental simulations (-25°C to 50°C). Especially beneficial for regions with limited water resources, our ACCs eliminate the need for cooling towers, reduce initial capital investments, and assure a 30-year lifespan with minimal maintenance requirements.



Features:

Product Name: Air Cooler Condenser

Cooling Method: Air Cooling

Number Of Fans: 2-6

Keyword: Blast Freezer Condenser

Origin: China

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Technical Parameters:

Voltage	380V/220V
Application	Commercial/Industrial
Type	Air-Cooled
Motor Type	Direct Drive
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Origin	China
Number Of Fans	2-6
Cooling Method	Air Cooling



Applications:

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 product are designed to provide comprehensive assistance to customers in resolving any technical issues they may encounter with the product. Our team of trained professionals is available to offer guidance on installation, maintenance, troubleshooting, and product usage. Additionally, we offer repair services and replacement parts to ensure that your Air Cooler Condenser operates at peak efficiency. Our goal is to provide reliable support and services to help you get the most out of your product.



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