



## Direct Drive Air Cooler Condenser The Ultimate Cooling Solution for Commercial/Industrial Settings

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Damai
- Certification: CE;ISO
- Model Number: DM-FNU
- 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

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

## Product Description

### Product Description:

The air-cooled condenser plays a critical role in refrigeration and air conditioning systems by using ambient air to remove heat from the refrigerant. It is commonly found in commercial refrigeration, industrial cooling, and HVAC systems. Engineered for top-notch efficiency and long-lasting performance, this condenser offers reliable operation in diverse environmental settings. The air-cooled condenser is a vital component essential for the proper functioning of refrigeration and air conditioning systems. It leverages the surrounding air to regulate the temperature of the refrigerant by dissipating heat. Its widespread application across commercial, industrial, and HVAC sectors underscores its importance in maintaining optimal performance. With a focus on high efficiency and resilience, this condenser is built to deliver consistent operation across varying environmental conditions.



### Features:

No water resource is needed, making it highly adaptable.  
The system features a simple structure and is easy to install and maintain.  
Energy efficiency is significantly influenced by the ambient temperature.  
Although it has low operating costs, the energy consumption is relatively high.  
This system is ideal for small to medium-sized refrigeration systems.  
It is available in various structural types, making it suitable for a range of applications.



### Technical Parameters:

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



### Applications:

#### **Cold Storage and Freezer Rooms**

Cold storage facilities and freezer rooms are vital components for storing perishable goods at low temperatures to maintain their freshness and quality for extended periods. These specialized environments are essential for various industries such as food and beverage, pharmaceuticals, and hospitality.

#### **Supermarket Refrigeration Systems**

Supermarket refrigeration systems are sophisticated setups that ensure the appropriate storage of various products throughout the store, including perishable items, fruits and vegetables, and dairy products. These systems play a crucial role in maintaining food safety and quality in a retail environment.

#### **Industrial Process Cooling**

Industrial process cooling involves the use of specialized equipment to maintain specific temperatures during manufacturing or production processes. These cooling systems are essential for industries such as chemicals, pharmaceuticals, and manufacturing to ensure product quality and safety.

#### **Commercial Air Conditioning**

Commercial air conditioning systems are designed to provide efficient cooling and climate control in various buildings such as offices, hotels, and retail spaces. These systems help create a comfortable and productive environment for occupants while also improving energy efficiency.

#### **Food Processing and Preservation**

Food processing and preservation technologies are critical for ensuring food safety and extending the shelf life of perishable products. These processes involve various techniques such as refrigeration, freezing, and dehydration to maintain the quality and freshness of food items.

### **Customization:**

Product Customization Services for H-Type Air Cooled Condenser "DM-FNU" by Damai:

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- Voltage: 380V/220V
- Type: Air-Cooled
- Application: Commercial/Industrial

This product can be customized to meet your specific needs for H-Type Air Cooled Condenser, Steam Condenser, and Freezer Room Condensing Unit.



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