



## Industrial Air Cooled Condenser with Good compressor condensing unit walk in cooler

Our Product Introduction

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### Basic Information

- Brand Name: Damai
- Model Number: DM-FNH
- 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

- Tube Type: Smooth
- Usage: For Refrigeration Unit
- Color: Customization
- Fan Motor Power: 500W
- Origin: China
- Pressure Drop: Depends On Fin And Tube Type
- Corrosion Resistance: Salt Spray Test Up To 1000 Hours
- Warranty: 1 Year
- Highlight: **walk in cooler Air Cooled Condenser, Industrial Air Cooled Condenser**

## Product Description

### Product Description:

#### H-shaped Tubes

In the world of Freezer room systems, H-shaped tubes play a crucial role in efficient heat exchange. These tubes are designed to maximize heat transfer by providing a large surface area for the exchange of thermal energy.

#### Fins

Fins are another essential component of heat exchangers, aiding in the transfer of heat from one fluid to another. They increase the surface area available for heat transfer, enhancing the overall efficiency of the system.

#### Axial Fans

Axial fans are commonly used in HVAC systems to help circulate air efficiently. They are designed to move large volumes of air at low pressures, making them ideal for cooling applications.

#### Fan Motor

The fan motor is the heart of any ventilation system, providing the power needed to drive the fans and circulate air throughout the system. It is essential for maintaining proper airflow and ensuring efficient operation.

#### Air Inlet/Outlet Grilles

Air inlet/outlet grilles are the entry and exit points for air in an HVAC system. They help to control the flow of air into and out of the system, ensuring proper ventilation and air distribution.

#### Headers/Manifolds

Headers or manifolds are components that help distribute fluids evenly within a heat exchanger system. They play a crucial role in ensuring balanced flow and optimal heat exchange efficiency.

#### Support Frame

The support frame provides structural support for the various components of an HVAC system, ensuring stability and longevity. It helps to secure and align the components in place for efficient operation.

#### Deflector Plates

Deflector plates are used to direct the flow of air or fluid within a system. They help to control the distribution of airflow or fluid flow, optimizing performance and efficiency.



### Features:

#### Advantages

- 1. Compact Design:** The H-shaped tube layout minimizes space requirements while maximizing heat transfer surface area, ideal for installations with limited space.
- 2. Water-Free Operation:** No water consumption or complex water circulation systems, making them environmentally friendly and suitable for arid regions.
- 3. Versatility:** Suitable for diverse applications, from small HVAC systems to large industrial refrigeration.
- 4. Durability:** Corrosion-resistant materials (e.g., aluminum fins, galvanized steel casing) ensure reliability in harsh environments.



## Technical Parameters:

### Main Parameters

**Temperature:** 0~10°C and -15~-25°C

**Nominal heat exchange capacity:** 17200~62000

**Fan diameter:** 400~550mm

**Voltage:** 380V/220V

**Refrigerant:** R134a-R404A-R507A\*R22

## Applications:

### Product Applications

1. **Industrial Refrigeration:** Used in food processing plants, cold storage warehouses, and beverage factories to maintain low temperatures.
2. **Data Centers:** Provides cooling for server racks and IT equipment.
3. **Renewable Energy Systems:** Integrated into solar-powered cooling systems or geothermal heat pumps.
4. **Medical Facilities:** Cools MRI machines, laboratory equipment, and pharmaceutical storage units.
6. **Residential Heat Pumps:** Supports heating and cooling in homes, especially in regions with extreme climates.
7. **Agricultural Storage:** Preserves perishable goods like fruits, vegetables, and flowers in cold storage facilities.
9. **Petrochemical Plants:** Cools equipment and processes in refineries or chemical production lines.
10. **Electric Vehicle Charging Stations:** Manages thermal loads in high-power charging systems.



## Customization:

### Product Customization Services for Air Cooler Condenser:

Brand Name: Damai

Model Number: DM-FNH

Place Of Origin: China

Minimum Order Quantity: 1

Packaging Details: Wooden Case

Delivery Time: 15 Work Days

Payment Terms: T/T

Supply Ability: 1000000pcs/year

Trademark: DM

Tube Type: Smooth

Usage: For Refrigeration Unit

Corrosion Resistance: Salt Spray Test Up To 1000 Hours

Weight: 80kg

Keywords: Air Condenser Cooler, Refrigeration Air Cooled Condenser, Air Conditioner Condenser Evaporator



## FAQ:

**Q:** What is the brand of this Air Cooler Condenser?

**A:** The brand is Damai.

**Q:** What is the model number of this Air Cooler Condenser?

**A:** The model number is DM-FNH.

**Q:** Where is this Air Cooler Condenser manufactured?

**A:** It is made in China.

**Q:** What are the accepted payment terms for purchasing this Air Cooler Condenser?

**A:** The accepted payment terms are T/T and L/C.



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