



Air cooled Air Cooler Condenser for Refrigeration Units Refrigeration system cooling

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

- Corrosion Resistance: Salt Spray Test Up To 1000 Hours
- Fan Type: Axial Fan
- Color: Customization
- Inlet/Outlet Connection: 3/8 Inch
- Usage: For Refrigeration Unit
- Origin: China
- Receiver Drier Included: Yes
- Fan Motor Power: 500W
- Highlight: **Air cooled Air Cooler Condenser,
Refrigeration Units Air Cooler Condenser,
Refrigeration system Air Cooler Condenser**

Product Description

Product Description:

H-shaped Tubes

H-shaped tubes are a crucial component in the system, providing a pathway for the flow of fluids or gases between different parts of the equipment. Their design facilitates efficient heat transfer and fluid circulation within the system.

Fins

Fins are thin, extended surfaces that are attached to heat transfer surfaces to increase the rate of heat transfer. By increasing the surface area available for heat exchange, fins improve the overall efficiency of the system.

Axial Fans

Axial fans are used to facilitate the movement of air within the system. Their axial flow design helps in generating airflow parallel to the fan's axis, providing effective cooling and ventilation for the equipment.

Fan Motor

The fan motor is responsible for driving the operation of the axial fan. It converts electrical energy into mechanical energy to power the fan, enabling the efficient circulation of air within the system.

Air Inlet/Outlet Grilles

Air inlet and outlet grilles serve as entry and exit points for air within the system. They play a vital role in regulating the airflow and maintaining proper ventilation for the equipment.

Headers/Manifolds

Headers or manifolds are distribution components that help in controlling the flow of fluids or gases within the system. They ensure uniform distribution and collection of the fluid medium throughout the equipment.

Support Frame

The support frame provides structural stability and support for the various components of the system. It helps in securing the components in place and maintaining the overall integrity of the equipment.

Deflector Plates

Deflector plates are used to redirect the flow of air or fluid within the system. By altering the direction of the flow, deflector plates help in optimizing the distribution and circulation of the medium for improved performance.



Features:

Advantages

- 1. Compact Design:** The U-shaped tube layout minimizes space requirements while maximizing heat transfer surface area, making it ideal for installations with limited space.
- 2. Water-Free Operation:** These systems do not consume water or require complex water circulation systems, making them environmentally friendly and well-suited for arid regions.
- 3. Versatility:** They are suitable for diverse applications, ranging from small HVAC systems to large industrial refrigeration units.
- 4. Durability:** The use of corrosion-resistant materials such as aluminum fins and galvanized steel casing ensures reliability even 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: R404A-R507A/R22

Applications:

Product Applications

- 2. Industrial Refrigeration:** Used in food processing plants, cold storage warehouses, and beverage factories to maintain low temperatures.
- 3. Data Centers:** Provides cooling for server racks and IT equipment.
- 4. Renewable Energy Systems:** Integrated into solar-powered cooling systems or geothermal heat pumps.
- 5. Medical Facilities:** Cools MRI machines, laboratory equipment, and pharmaceutical storage units.
- 6. Transportation Cooling:** Used in refrigerated trucks, shipping containers, and railway cooling systems.
- 7. Residential Heat Pumps:** Supports heating and cooling in homes, especially in regions with extreme climates.
- 8. 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.



Customization:

Air Cooled Fnh Refrigeration Condenser for Cold Storage

H-Type Air Cooled Condenser

Air Cooled Condenser

Product Customization Services:

- Brand Name: Damai
- Model Number: DM-FNH
- Place Of Origin: China
- Packaging Details: Wooden Case
- Delivery Time: 15 Work Days
- Payment Terms: T/T
- Supply Ability: 1000000pcs/year
- Fan Motor Power: 500W
- Tube Type: Smooth
- Pressure Drop: Depends On Fin And Tube Type
- Inlet/Outlet Connection: 3/8 Inch
- Usage: For Refrigeration Unit

FAQ:

Q: What is the brand name of the Air Cooler Condenser?

A: The brand name of the Air Cooler Condenser is Damai.

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

A: The model number of the Air Cooler Condenser is DM-FNH.


Q: Where is the Air Cooler Condenser manufactured?

A: The Air Cooler Condenser is manufactured in China.

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

A: The accepted payment terms for purchasing the Air Cooler Condenser are T/T and L/C.

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