



## Air cooled Refrigeration Condensing Unit with air cooler for cold room walk in freezer

Our Product Introduction

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### Basic Information

- Brand Name: DM
- Model Number: DM-UNIT-FNH
- Minimum Order Quantity: 1
- Price: \$2000~\$100000
- Packaging Details: Wooden Case
- Delivery Time: 30 Work Days
- Payment Terms: T/T
- Supply Ability: 1000000pcs/year



### Product Specification

- Core Components: Compressor
- Lubrication Style: Lubricated
- Condenser Fan: Axial Fan
- Function: Refrigeration
- Coil Material: Copper
- Model No: MT-HSN20EL
- Compressor Model: 4GE-23Y
- Refrigerant: R22/R404a/R507a

## Product Description

### Product Description:

1. H-shaped Tubes
2. Fins
3. Axial Fans
4. Fan Motor
5. Filter
6. Air Inlet/Outlet Grilles
7. Headers/Manifolds
8. Support Frame
9. Deflector Plates
10. Thermal Expansion Valves
11. Pressure Relief Valves
12. Electrical Controls
13. Compressor



#### DM-FNH Condensing Unit

**DM** Open-Type Air-Cooled Condensing Unit is a refrigeration system designed to effectively dissipate heat from the refrigerant, which is essential for the cooling process in various cold storage and commercial refrigeration applications. These units are typically used in walk-in freezers, refrigerated storage rooms, and large commercial cooling systems, providing a reliable and energy-efficient solution.



### Features:

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:

Temperature : 0~10°C and -15~-25°C  
 Nominal heatexchange capacity : 17200~62000  
 Fan diameter: 400~550mm  
 Voltage : 380V/220V  
 refrigerant: R404A-R507A\*R22



## Applications:

### Product Applications

1. **Commercial HVAC Systems:** Installed in office buildings, shopping malls, and hotels for air conditioning and heat pump systems.
2. **Industrial Refrigeration:** Used in food processing plants, cold storage warehouses, and beverage factories to maintain low temperatures.

**Cold Room Condensing Unit with High Efficiency Compressor for Commercial Refrigeration**

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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. **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.
8. **Petrochemical Plants:** Cools equipment and processes in refineries or chemical production lines.



## Customization:

### Product Customization Services for Freezer Room Condensing Unit - DM-UNIT-FNH

Brand Name: DM

Model Number: DM-UNIT-FNH

Place Of Origin: China

Price: \$2000~\$100000

Packaging Details: Wooden Case

Delivery Time: 30 Work Days

Payment Terms: T/T;

Supply Ability: 1000000pcs/year

Condenser Fan: Axial Fan

Compressor Structure: Piston

Cabinet Material: Galvanized Steel

Condenser Fan Motor: Made In China

Core Components: Compressor

Available for customization: Commercial Refrigeration Condensing Unit, Condensing Unit Parts

## Support and Services:

### Our Product Technical Support and Services for the Condensing Unit include:

- Troubleshooting assistance for installation and operation issues
- Technical documentation and manuals for proper usage
- Regular maintenance and service recommendations

- Warranty information and support



**Zhejiang Damai Cold Chain Equipment Co., Ltd.**



86-13246760185



sales3@dmllcn.com



coldroomunit.com

Factory No. 1, Wanfeng Aviation Town, Wozhou Town, Xinchang County, Zhejiang Province