



## Industrial Grade Freezer Room Condensing Unit with Two Fans For Walk In Cooler

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: DM
- Certification: CE;ISO
- Model Number: DM-UNIT-U
- 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

- Refrigerant Way: Air-cooled ,water-cooled
- Refrigerant: R507 R404A
- Nominal Capacity: 3 HP To 40 HP
- Compressor Structure: Compressor Structure
- Function: Refrigeration
- Condenser: Air-cooled Condenser
- Loading Port: Ningbo/Shanghai
- Type: Outdoor
- Highlight: **Industrial Grade Condensing Unit,  
Two Fans Condensing Unit,  
Walk In Cooler Condensing Unit**

## Product Description

### Product Description:

**U-type air-cooled condensing unit** is a frequently utilized equipment in commercial and industrial refrigeration systems. It finds extensive use in various settings such as supermarkets, cold storage facilities, food processing plants, and chemical and pharmaceutical storage areas. The primary role of this equipment is to expel the heat absorbed by the refrigerant from the evaporator, thus ensuring the effective operation of the refrigeration system.

The *design characteristics* of the U-type air-cooled condensing unit grant it certain advantages when employed in specific application scenarios. These features play a crucial role in enhancing the unit's performance and efficiency in various industrial and commercial environments.



### Features:

#### Compact Design

The design of U-shaped air-cooled condensing units is usually compact, with a small footprint, which is easy to install and maintain. Its unique U-shaped structure allows the unit to better utilize space while maintaining efficient heat dissipation, adapting to the needs of different sites.

#### High Efficiency and Energy Saving

The unit adopts efficient heat exchange technology, making the cooling effect more significant. The efficient air-cooled condenser and optimized air flow design can improve the heat exchange capacity of the unit and reduce energy consumption, thereby achieving energy-saving effects.

#### Strong Durability

The shell of the U-shaped air-cooled condensing unit is usually made of corrosion-resistant materials, which can effectively resist corrosion in harsh environments and extend the service life of the equipment. Especially in humid or dusty environments, it has better adaptability.

### Technical Parameters:

Serial number	Model	Heat exchanger area	Heat exchange K w	Fan motor				Import and export (mm)	Shape size(mm)			Installation size (mm)
				Number	Diameter	Power (W)	Air Volume		Length	Width	Height	
1	FNU-32	302.6	1	1	φ400	180	3400	φ19/φ12	720	620	700	680×490

2	FNU-40	4 0	1 3 · 2	1	φ450	250	4800	φ19/φ1 2	7 4 0	640	800	700×490
3	FNU-50	5 0	1 6 · 6	1	φ450	250	4800	φ19/φ1 2	8 2 0	770	800	830×550
4	FNU-50	5 0	1 6 · 6	2	φ350	2×129	2×2300	φ19/φ1 2	1 0 6 0	650	800	710×590
5	FNU-60	6 0	1 9 · 1	1	φ500	414	6500	φ22/φ1 6	9 2 0	840	800	900×590
6	FNU-60	6 0	1 9 · 1	2	φ350	2×129	2×2300	φ22/φ1 6	1 1 6 0	720	800	790×670
7	FNU-70	7 0	2 1 · 8	2	φ400	2×180	2×3400	φ22/φ1 6	1 1 6 0	730	900	790×670
8	FNU-80	8 0	2 6 · 4	2	φ450	2×250	2×4800	φ22/φ1 6	1 3 2 0	850	900	910×820
9	FNU-100	1 0 0	3 3 · 1	2	φ500	2×414	2×6500	φ25/φ1 9	1 4 2 0	880	1000	940×870
1 0	FNU-120	1 2 0	3 9 · 6	2	φ500	2×414	2×6500	φ25/φ1 9	1 4 2 0	880	1200	940×870
1 1	FNU-130	1 3 0	4 2 · 9	2	φ500	2×414	2×6500	φ25/φ1 9	1 4 2 0	880	1300	940×870
1 2	FNU-150	1 5 0	4 9 · 5	2	φ550	2×600	2×8300	φ28/φ2 2	1 5 5 0	880	1400	940×970
1 3	FNU-160	1 6 0	5 2 · 8	2	φ550	2×600	2×8300	φ28/φ2 2	1 6 0 0	920	1400	940×970

## Applications:

**Cold storage refrigeration system:** The U-shaped air-cooled condensing unit serves to provide a consistent refrigeration effect in cold storage facilities. This unit helps maintain a constant temperature within the cold storage, making it suitable for storing food, medicine, and other perishable items.

**Supermarket cold chain system:** Supermarkets and retailers rely on a stable cold chain environment to keep their products fresh. By utilizing a U-shaped air-cooled condensing unit, these establishments can ensure that the food displayed on shelves stays at the optimal temperature for freshness and quality.

**Industrial cooling:** Industrial cooling systems are essential for cooling equipment and process flows in industrial settings. These systems, such as the U-shaped air-cooled condensing unit, play a vital role in reducing the temperature of process equipment, thereby ensuring stable production processes and efficient operation.



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

Zhejiang Damai Cold Chain Equipment Co., Ltd., is a leading manufacturer of refrigeration units, like condensers, air coolers, all kinds of units, and solution provider for cold storage rooms.

We, Damai Cold Chain, are located in Zhejiang Province China, already supplied our machines, designing and installation services to more than 80 countries and districts clients in the world.

At present, we can supply clients for Bitzer, Copeland, Danfoss, Carrier, Damai and other brands compressors and refrigeration units, we also can supply clients for OEM & ODM service.

We want to establish a bright future with potential partners together!



### Customization:

Commercial Refrigeration Condensing Unit Product Customization Services:

Brand Name: DM

Model Number: DM-UNIT-U

Place of Origin: China

Certification: CE;ISO

Minimum Order Quantity: 1

Price: \$2000~\$100000

Packaging Details: Wooden Case

Delivery Time: 30 Work Days

Payment Terms: T/T

Supply Ability: 1000000pcs/year

Refrigerant: R507 R404A

Configuration: Portable

Compressor Structure: Compressor Structure

Nominal Capacity: 3 HP To 40 HP

Fans Species: Frequency Fan



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



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