



## Customizable and High-Performance U-Type Condensing Unit for Commercial Refrigeration

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

- Loading Port: Ningbo/Shanghai
- Refrigerant Way: Air-cooled ,water-cooled
- Use Nature: Industry Refrigeration
- Refrigerant: R507 R404A
- Fans Species: Frequency Fan
- Nominal Capacity: 3 HP To 40 HP
- Compressor Structure: Compressor Structure
- Condensing Temperature: 0~10c And -15~-25c
- Highlight: **High Performance Condensing Unit,  
Customizable Condensing Unit,  
Commercial Refrigeration Condensing Unit**

## Product Description

### Product Description:

The **U-type air-cooled condensing unit** is a vital piece of equipment found in many *commercial and industrial refrigeration systems* . . . . This unit serves a variety of purposes and is frequently utilized in locations such as *supermarkets , cold storage facilities , food processing plants ,* and areas requiring *chemical and pharmaceutical storage* . Its primary role lies in expelling the heat absorbed by the refrigerant from the *evaporator* , ensuring that the refrigeration system can function effectively. Distinctive design characteristics define the **U-type air-cooled condensing unit** , providing it with advantages that make it well-suited for particular application environments.



### Features:

**Compact Design:** The design of U-shaped air-cooled condensing units is typically compact, featuring a small footprint that facilitates . . . . easy installation and maintenance. Its unique U-shaped structure allows for efficient use of space while ensuring effective heat dissipation, making it suitable for various locations.

**High Efficiency and Energy Saving:** These units utilize advanced heat exchange technology to enhance cooling performance. The efficient air-cooled condenser and optimized airflow design enhance heat exchange capacity and reduce energy consumption, resulting in energy-saving benefits.

**Strong Durability:** The shell of U-shaped air-cooled condensing units is often constructed from corrosion-resistant materials, providing protection against corrosion in challenging environments and extending equipment lifespan. This design is particularly well-suited for humid or dusty conditions, offering enhanced durability.

### Technical Parameters:

Serial number	Model	Heat exchanger area	Heat exchange Kw	Fan motor				Import and export (mm)	Shape size(mm)		Installation size (mm)
				Number	Diameter	Power (W)	Air Volume		Length	Width	
1	FNU-32	302.6	1	φ400	180	3400	φ19/φ12	720	620	700	680×490
2	FNU-40	430.2	1	φ450	250	4800	φ19/φ12	740	640	800	700×490

3	FNU-50	50	16.6	1	φ450	250	4800	φ19/φ12	820	770	800	830×550
4	FNU-50	50	16.6	2	φ350	2×129	2×2300	φ19/φ12	1060	650	800	710×590
5	FNU-60	60	19.1	1	φ500	414	6500	φ22/φ16	920	840	800	900×590
6	FNU-60	60	19.1	2	φ350	2×129	2×2300	φ22/φ16	1160	720	800	790×670
7	FNU-70	70	21.8	2	φ400	2×180	2×3400	φ22/φ16	1160	730	900	790×670
8	FNU-80	80	26.4	2	φ450	2×250	2×4800	φ22/φ16	1320	850	900	910×820
9	FNU-100	100	33.1	2	φ500	2×414	2×6500	φ25/φ19	1420	880	1000	940×870
10	FNU-120	120	39.6	2	φ500	2×414	2×6500	φ25/φ19	1420	880	1200	940×870
11	FNU-130	130	42.9	2	φ500	2×414	2×6500	φ25/φ19	1420	880	1300	940×870
12	FNU-150	150	49.5	2	φ550	2×600	2×8300	φ28/φ22	1550	880	1400	940×970
13	FNU-160	160	52.8	2	φ550	2×600	2×8300	φ28/φ22	1600	920	1400	940×970

## Applications:

**Cold storage refrigeration system:** The U-shaped air-cooled condensing unit is essential for maintaining stable refrigeration in cold storage facilities. It plays a crucial role in ensuring a constant temperature environment suitable for storing perishable items such as food and medicine.

**Supermarket cold chain system:** In the retail sector, supermarkets require a well-managed cold chain system to preserve the freshness of their products. The U-shaped air-cooled condensing unit is instrumental in creating the necessary refrigeration environment to keep foods fresh on the shelves.

**Industrial cooling:** Industrial operations often rely on cooling systems to maintain optimal conditions for equipment and processes. The U-shaped air-cooled condensing unit provides efficient cooling solutions for industrial production, helping to lower temperatures in equipment and ensuring stable manufacturing processes.



## 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:

Product Customization Services for the Condensing Unit:

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Condenser: Air-cooled Condenser

Fans Species: Frequency Fan

Keywords: Condensing Unit Parts, Commercial Refrigeration Condensing Unit



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