



## Professional-Grade and Heavy-Duty Condensing Unit for Industrial Cooling Solutions

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

- Use Nature: Industry Refrigeration
- Condenser: Air-cooled Condenser
- Compressor Structure: Compressor Structure
- Fans Species: Frequency Fan
- Refrigerant Way: Air-cooled ,water-cooled
- Function: Refrigeration
- Nominal Capacity: 3 HP To 40 HP
- Origin: Zhejiang, China
- Highlight: **Industrial Cooling Condensing Unit,  
Heavy Duty Condensing Unit,  
Professional Grade Condensing Unit**

## Product Description

### Product Description:

**U-type air-cooled condensing unit** is a commonly used equipment in commercial and industrial refrigeration systems. It finds extensive applications in settings such as supermarkets, cold storage facilities, food processing plants, and chemical and pharmaceutical storage areas.

Its primary role is to expel the heat absorbed by the refrigerant from the evaporator, ensuring the efficient operation of the refrigeration system. The unique design characteristics of the U-type air-cooled condensing unit provide it with distinct advantages in particular application environments.



### Features:

#### Compact Design

The design of U-shaped air-cooled condensing units is typically compact, featuring a small footprint that makes installation and maintenance easy. The unique U-shaped structure allows for efficient use of space while ensuring optimal heat dissipation to meet various site requirements.

#### High Efficiency and Energy Saving

The unit incorporates efficient heat exchange technology, enhancing the cooling effect significantly. Its efficient air-cooled condenser and optimized air flow design increase the heat exchange capacity while reducing energy consumption, resulting in effective energy-saving benefits.

#### Strong Durability

The shell of the U-shaped air-cooled condensing unit is typically constructed from corrosion-resistant materials, providing effective protection against corrosion in harsh environments and prolonging the equipment's service life. It offers superior adaptability, particularly in humid or dusty conditions.

### Technical Parameters:

Serial number	Model	Heat exchange area	Heat exchange capacity (KW)	Fan motor				Import and export (mm)	Shape size(mm)			Installation size (mm)
				Number	Diameter	Power(W)	Air Volume		Length	Width	Height	
1	FNU-32	32	10.6	1	φ400	180	3400	φ19/φ12	720	620	700	680×490
2	FNU-40	40	13.2	1	φ450	250	4800	φ19/φ12	740	640	800	700×490

3	FNU-50	50	1 6 · 6	1	φ450	250	4800	φ19/φ12	8 2 0	770	800	830×550
4	FNU-50	50	1 6 · 6	2	φ350	2×12 9	2×2300	φ19/φ12	1 0 6 0	650	800	710×590
5	FNU-60	60	1 9 · 1	1	φ500	414	6500	φ22/φ16	9 2 0	840	800	900×590
6	FNU-60	60	1 9 · 1	2	φ350	2×12 9	2×2300	φ22/φ16	1 1 6 0	720	800	790×670
7	FNU-70	70	2 1 · 8	2	φ400	2×18 0	2×3400	φ22/φ16	1 1 6 0	730	900	790×670
8	FNU-80	80	2 6 · 4	2	φ450	2×25 0	2×4800	φ22/φ16	1 3 2 0	850	900	910×820
9	FNU-100	100	3 3 · 1	2	φ500	2×41 4	2×6500	φ25/φ19	1 4 2 0	880	1000	940×870
10	FNU-120	120	3 9 · 6	2	φ500	2×41 4	2×6500	φ25/φ19	1 4 2 0	880	1200	940×870
11	FNU-130	130	4 2 · 9	2	φ500	2×41 4	2×6500	φ25/φ19	1 4 2 0	880	1300	940×870
12	FNU-150	150	4 9 · 5	2	φ550	2×60 0	2×8300	φ28/φ22	1 5 5 0	880	1400	940×970
13	FNU-160	160	5 2 · 8	2	φ550	2×60 0	2×8300	φ28/φ22	1 6 0 0	920	1400	940×970

## Applications:

### Cold Storage Refrigeration System:

The U-shaped air-cooled condensing unit is designed to provide a stable refrigeration effect in cold storage facilities. It ensures a constant temperature inside 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. The U-shaped air-cooled condensing unit is essential in maintaining the freshness of food items on shelves.

### Industrial Cooling:

Industrial cooling systems are crucial for maintaining the temperature of equipment and process flows in industrial production. The U-shaped air-cooled condensing unit is effective in reducing the temperature of process equipment, ensuring stable production processes.



## Customization: -----

Product Customization Services for the Condensing Unit:

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Condenser: Air-cooled Condenser

Type: Outdoor

Origin: Zhejiang, China

Nominal Capacity: 3 HP To 40 HP

Keywords: Freezer Room Condensing Unit, Commercial Refrigeration Condensing Unit



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