



## Customizable Cooling Solution Air-cooled Condenser Commercial Refrigeration Condensing Unit for Cold Room

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

- Condensing Temperature: 0~10c And -15~-25c
- Refrigerant: R507 R404A
- Loading Port: Ningbo/Shanghai
- Function: Refrigeration
- Type: Outdoor
- Origin: Zhejiang, China
- Condenser: Air-cooled Condenser
- Nominal Capacity: 3 HP To 40 HP
- Highlight: **Cold Room Commercial Refrigeration Condensing Unit**  
**, Commercial Refrigeration Condensing Unit**

The U-type air-cooled condensing unit is a crucial piece of equipment frequently employed in commercial and industrial refrigeration setups. It finds extensive applications in a variety of settings such as supermarkets, cold storage facilities, food processing plants, as well as chemical and pharmaceutical storage facilities. One of its primary roles is to facilitate the dissipation of heat extracted by the refrigerant from the evaporator, ensuring the smooth and efficient functioning of the refrigeration system.

The design characteristics of the U-type air-cooled condensing unit confer upon it certain advantages when utilized in specific application scenarios. These advantages elevate its performance and make it a preferred choice for various industrial and commercial refrigeration applications.



The design of *U-shaped air-cooled condensing units* is often compact, featuring a small footprint that facilitates easy installation and maintenance. The unique U-shaped structure enables the unit to optimize space utilization while ensuring efficient heat dissipation, meeting the diverse requirements of various locations.

The unit incorporates cutting-edge heat exchange technology to enhance cooling effectiveness significantly. By leveraging an efficient air-cooled condenser and a well-optimized air flow design, the unit can boost heat exchange capability and reduce energy consumption, leading to remarkable energy-saving benefits.

The housing of the *U-shaped air-cooled condensing unit* is typically crafted from corrosion-resistant materials, providing effective protection against corrosion in challenging environments and extending the equipment's lifespan. It exhibits superior adaptability, particularly in humid or dusty settings.

**Technical Parameters:**-----

Serial number	Model	Heat exchange area	Heat exchanger 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	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 designed to provide a stable refrigeration effect for cold storage applications. It helps maintain a constant temperature inside the cold storage area, making it suitable for storing food, medicine, and other perishable items.

**Supermarket cold chain system:** Supermarkets and retailers rely on a dependable cold chain system to keep their products fresh. The U-shaped air-cooled condensing unit plays a crucial role in maintaining a stable cold environment, ensuring that the food items on the shelves remain in optimal condition for customers.

**Industrial cooling:** In industrial settings, cooling is essential for equipment or processes that require temperature control. The U-shaped air-cooled condensing unit is an effective solution for reducing the temperature of process equipment, which in turn helps ensure stable production processes in various industrial applications.

### Customization:-----

Product Customization Services for Commercial Refrigeration Condensing Unit:

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Function: Refrigeration

Origin: Zhejiang, China

Keywords: Commercial Refrigeration Condensing Unit, Freezer Room Condensing Unit



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