



## High-Efficiency Air-Cooled Condensing Unit for Large Industrial Cooling Systems

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: DM
- Certification: CE;ISO
- Model Number: DM-UNIT-H
- 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
- Use Nature: Industry Refrigeration
- Condenser: Air-cooled Condenser
- Refrigerant Way: Air-cooled ,water-cooled
- Fans Species: Frequency Fan
- Type: Outdoor
- Compressor Structure: Compressor Structure
- Origin: Zhejiang, China
- Highlight: **Air Cooled Condensing Unit,  
Large Industrial Condensing Unit,  
High Efficiency Condensing Unit**

## Product Description

### Product Description:

The H-type Air-cooled Condenser

The H-type air-cooled condenser is a particularly efficient form of air-cooled refrigeration equipment. It serves as a specialized design variant of the air-cooled condenser, primarily functioning to transform the high-temperature and high-pressure gaseous refrigerant, discharged from the compressor, into liquid via forced air convection. This process facilitates the heat discharge within the refrigeration cycle.

According to available literature, the H-type unit typically features a condenser made of copper tubes with aluminum fins. The outer casing of the condenser is constructed from high-quality steel plate coated with plastic, offering properties of corrosion resistance along with an aesthetically pleasing appearance.



### Features:-----

#### Copper Tube and Aluminum Fin Structure

Our product features a unique design with a serpentine copper tube and high-density aluminum fin. The fin spacing is kept between 1.5-4mm, significantly increasing the heat dissipation area. This innovative structure enhances the heat exchange efficiency, ensuring optimal performance.

#### Weather-Resistant Design

For long-lasting durability, our product is constructed with a shell made of high-quality steel plate treated with plastic spraying. This weather-resistant design makes the unit corrosion-resistant and salt-spray-resistant, making it suitable for use in humid or industrially polluted environments.

#### Flexible Configuration

Our product is designed to offer flexibility in configuration. It can seamlessly adapt to multiple brands of compressors, including Bitzer and Hanbell screw compressors. This adaptability not only provides strong interchangeability but also helps in reducing maintenance costs, making it a cost-effective solution for various applications.

### Technical Parameters:-----

Model			DMD10HF PH	DMD12HF PH	DMD15HF PH	DMD20HF PH	DMD22HF VH
Evaporative Temperature			7.5 ~-25				
Refrigerant			R404A/R507A				
Power Supply			360~400V/50Hz-400~460V/60Hz				
Wind condenser Model			FNH120	FNH140	FNH160	FNH200	FNVB240
Compressor Model			4VES-10Y	4TES-12Y	4PES-15Y	4NES-20Y	4JE-22Y
Numberof Compressors			1	1	1	1	1
Capacity	Evaporatio n temperatur e 7.5	(KW) Cooling capacity	35.3	42.5	49	58	77.3
		(KW) Power	9.39	11.49	13.16	15.51	20.9
	Evaporatio n temperatur e 0	(KW) Cooling capacity	26.7	32.2	36.9	43.9	59
		(KW) Power	8.63	10.6	12.07	14.32	19.24
	Evaporatio n temperatur e -10	(KW) Cooling capacity	17.71	21.5	24.4	29.4	39.9
		(KW) Power	7.32	9.02	10.17	12.2	16.43
	Evaporatio n temperatur e -25	(KW) Cooling capacity	8.57	10.62	11.66	14.53	19.85
		(KW) Power	5.02	6.25	6.84	8.49	11.55
Interface	Suction pipe interface (mm)		28	35	42	42	42
	Exhaust pipe interface (mm)		22	28	28	28	28
	Outlet interface (mm)		16	16	16	16	16
	Inlet pipe interface (mm)		19	19	19	19	19
Size	Length (mm)		1166	1296	1296	1526	2160
	Width (mm)		800	900	900	900	900
	Height (mm)		1300	1300	1300	1300	1850

### Applications:-----

Product Application Occasions and Scenarios for DM Condensing Unit (Model: DM-UNIT-H)

DM Condensing Unit is a versatile and reliable refrigeration solution suitable for various commercial and industrial applications.

1. Commercial Refrigeration Condensing Unit:

With its high-quality components and efficient design, the DM Condensing Unit is ideal for use in commercial refrigeration

settings such as supermarkets, convenience stores, and restaurants. It can effectively maintain the desired temperature levels for perishable goods, ensuring their freshness and quality.

## 2. Cold Room Condensing Unit:

The DM Condensing Unit is well-suited for cold room applications in warehouses, food processing facilities, and other storage areas. Its robust construction and high cooling capacity make it perfect for maintaining consistent temperatures in cold storage environments.

## 3. Freezer Room Condensing Unit:

For freezer rooms in food production facilities, laboratories, or pharmaceutical storage areas, the DM Condensing Unit offers reliable performance and precise temperature control. It can effectively chill or freeze products as needed, ensuring proper storage conditions.

Manufactured in China, the DM Condensing Unit (Model: DM-UNIT-H) is certified with CE and ISO standards, guaranteeing its quality and reliability. It operates with refrigerants R507 and R404A, providing efficient cooling solutions for various applications.

With a minimum order quantity of 1 unit and a price range from \$2000 to \$100000, the DM Condensing Unit comes packaged in sturdy wooden cases for safe transportation. Delivery time is estimated at 30 work days, with payment terms accepted via T/T.

Designed for industry refrigeration use, the DM Condensing Unit features air-cooled and water-cooled refrigerant ways, suitable for different cooling requirements. Its supply ability of 1000000pcs/year ensures a consistent availability of this high-performance refrigeration unit.

Choose DM Condensing Unit for your refrigeration needs and experience reliable and efficient cooling solutions for a variety of applications.

## Packing and Shipping:-----

### Product Packaging:

The condensing unit is carefully packaged in a sturdy cardboard box to ensure safe delivery. It is surrounded by protective foam padding to prevent any damage during transit. The packaging includes clear labeling for easy identification of the product.

### Shipping:

Our condensing unit is shipped via reputable carriers to ensure timely delivery to your location. We take great care in packaging the product securely to minimize the risk of damage during transit. You will receive a tracking number once the item has been shipped, allowing you to monitor its delivery status.



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