



## Microprocessor Controlled Condensing Unit with Semi Hermetic Piston Compressor and DC Power Type

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

- Controller Brand: CAREL
- Cooling Capacity: 5kw-1000kw
- Condensing Temperature: 0~10c And -15~-25c
- Product: Horizontal Condensing Unit
- Power Type: DC
- Suitable For: Supermarket, Food Storage, Cold Room
- Condenser: Air-cooled Condenser
- Controller Type: Microprocessor
- Highlight: **DC Power Type Condensing Unit, Microprocessor Controlled Condensing Unit, Semi Hermetic Piston Compressor Condensing Unit**

## Product Description

# Microprocessor Controlled Condensing Unit with Semi Hermetic Piston Compressor and DC Power Type

## Product Description:

### Temperature Ranges and Horsepower

The temperature ranges for this product are 0~10°C and -15~-25°C. Additionally, it has a horsepower range of 3HP~34HP. These features make it suitable for a variety of applications.

### Compressor Type and Voltage

This product comes equipped with a semi-hermetic piston compressor. In terms of voltage, it has multiple options: 380V/3P/50Hz, 220V/3P/60Hz, and 380V/3P/60Hz. This versatility makes it convenient for different power supplies and geographical locations.

### Main Machine Configuration

The main machine configuration includes several components:

Compressor  
Condenser  
Oil heating  
Liquid receiver  
Filter  
Sight glasses  
Solenoid valve  
H/L P gauge  
Pressure controller  
Oil pressure protection  
Vibration eliminator  
Oil separator  
Gas separator  
Suction filter

These components work together to provide efficient and reliable operation for your needs.



## Features:

The equipment features a compact structure, which makes it easy to install and use in various settings. Despite its small size, the device provides high-quality performance and reliability.

Another important aspect of this equipment is its complete set of protective devices. These ensure that the device stays safe and secure during operation, reducing the risk of accidents or damage. With these features in place, you can use the equipment with confidence and peace of mind.

To improve performance, the equipment comes equipped with an increased condenser. This component helps to ensure good heat dissipation, allowing the device to operate efficiently even under high loads or demanding conditions.

In addition to its high-performance capabilities, the equipment is also designed to maintain a good cooling effect for a long time. This feature helps to keep the device working smoothly even during extended use.

Another benefit of this equipment is its energy-saving features. By using this device, you can expect to save up to 30% on your electricity bills compared to other similar equipment. This makes it an excellent choice for businesses and individuals looking to reduce their energy costs over the long term.

In addition, the equipment operates with low noise levels, making it a suitable choice for settings where noise is a concern. This feature makes it ideal for healthcare facilities, offices, and other environments where a quiet working environment is required.

Finally, the equipment is designed using only high-quality brand accessories and parts. This ensures that the device is reliable and durable, reducing the likelihood of equipment failure or breakdowns.

item	value
Condition	New

<b>Applicable Industries</b>	Building Material Shops, Manufacturing Plant, Food & Beverage Factory, Food Shop, Construction works, Energy & Mining, Food & Beverage Shops, Other
<b>Weight (KG)</b>	65
<b>Showroom Location</b>	Viet Nam
<b>Video outgoing-inspection</b>	Provided
<b>Machinery Test Report</b>	Provided
<b>Marketing Type</b>	New Product 2023
<b>Place of Origin</b>	China
<b>Type</b>	Refrigeration Compressor
<b>Application</b>	Refrigeration Parts
<b>Warranty</b>	1 Year
<b>Product name</b>	Condensing Unit
<b>Refrigerant</b>	R404A.R134a.R507
<b>Description</b>	Cold Storage Refrigeration System
<b>MOQ</b>	1 Set
<b>Keywords</b>	Customized and Low Noise With Cheaper Price

## Applications:

There are multiple advantages of using this system which are listed below: -----  
 Utilized Semi-Hermetic Refrigeration Compressors; Good Quality and Reliable Performance;  
 The products feature by their structures of multi semi-hermetic Compressors paralleled together to form one integrated systems. The discharge pipes, suction pipes are one shared by all the compressors for each unit. The paralleled system is simpler for integrated control and cap adjustment;  
 Structure is compacted to save installation space;  
 According to the change of cooling load, the multilevel energy regulation can be realized and also can reduce the equipment running cost;  
 Reduce the influence on operation that caused by machine failure so as to increase the reliability of the unit operation;  
 R404a, R22 units can be provided.

## Support and Services:

Our Condensing Unit product comes with comprehensive technical support and services to guarantee optimal performance and customer satisfaction. Our team of experienced technicians is available to provide assistance with installation, configuration, and troubleshooting. We also offer regular maintenance and repair services to ensure that your unit operates efficiently and reliably throughout its lifespan. In addition, we provide online resources such as user manuals, technical specifications, and frequently asked questions to help our customers better understand and utilize our product. We are committed to delivering high-quality technical support and services to meet the needs of our customers.

3/5 HP Refrigeration Unit for Cold Room Equipment Condensing

## Packing and Shipping:

**Product Packaging:** -----  
 Our condensing units are carefully packed to ensure safe delivery. Each unit is wrapped in protective materials to prevent any damage during shipping.

**Shipping:**  
 We offer both domestic and international shipping for our condensing units. Shipping times and rates may vary depending on the destination. Please contact us for more information.



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