



## Cooling System Air Cooling Piston Compressor With Condenser For Walk In Cooler Freezer Room

Our Product Introduction

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### Basic Information

- Brand Name: DM
- Model Number: DM-YSJ
- Minimum Order Quantity: 1
- Price: \$200~\$100000
- Packaging Details: Wooden Case
- Delivery Time: 30 Work Days
- Payment Terms: T/T
- Supply Ability: 100000pcs/year



### Product Specification

- Diemnsion: 700\*350\*350 Mm
- Condition: New
- Working Pressure: 50 Bar
- Cooling Method: Air Cooling
- Transmission Way: Belt Driven
- Motor Speed: 50000RMP
- Motor: Aluminium/ Copper Wire
- Air Delivery: 400m3/min
- Highlight: **Piston Compressor with condenser,  
Air Cooling Piston Compressor**

## Product Description

### Product Description:

#### Main Machine Configurations

1. Cylinder
2. Piston
3. Crankshaft
4. Connecting Rod
5. Valve System
6. Bearings
7. Lubrication System
8. Cooling System
9. Flywheel
10. Oil Pump
11. Gaskets and Seals



### Features:

Compressors offer several advantages that make them a preferred choice in various industries:

- 1. High Compression Ratios:** Compressors can achieve high compression ratios, making them suitable for applications that require high pressures.
- 2. Wide Application Range:** Compressors are used in diverse industries such as refrigeration, air conditioning, and gas compression, showcasing their versatility.
- 3. Superior Efficiency:** Compressors maintain good efficiency even under varying load conditions, ensuring optimal performance.
- 4. Robust Design:** The robust design of compressors ensures a long service life when properly maintained, providing reliability to the system.
- 5. Ease of Servicing:** Compressors feature a simple structure that allows for convenient servicing and replacement of parts, facilitating maintenance activities.
- 6. Gas Compression Capability:** Compressors can effectively compress various types of gases, including refrigerants, meeting the needs of different applications.



#### DM-Piston/Reciprocating Compressor



**DM** piston/Reciprocating-type compressor is a robust and reliable solution designed for various refrigeration applications, especially in cold storage and industrial cooling systems. Utilizing a reciprocating mechanism, this compressor delivers consistent performance with high compression efficiency. Its durable cast iron structure ensures long-term operation under demanding conditions, while advanced valve technology enhances energy efficiency and reduces vibration. Suitable for both medium and low-temperature environments, the piston compressor is favored for its simple maintenance, stable operation, and adaptability to different refrigerants, making it an ideal choice for dependable refrigeration systems.



### Technical Parameters:

Transmission Way	Belt Driven
Dimension	700*350*350 mm
Working Pressure	50 Bar

Cooling Method	Air Cooling
Motor	Aluminium/ Copper Wire
Condition	New
Motor Speed	50000 RPM
Air Delivery	400 m3/min



### Applications:

Refrigeration and air conditioning are utilized in various applications, including household refrigerators, commercial freezers, and HVAC systems. These technologies play a crucial role in maintaining proper temperature and humidity levels, ensuring the preservation of food and other perishable items, and creating comfortable indoor environments.

In households, refrigeration is essential for keeping food fresh and preventing spoilage. Commercial freezers are commonly used in supermarkets, restaurants, and food processing facilities to store perishable goods at low temperatures. HVAC systems, on the other hand, are designed to control air quality, temperature, and humidity in buildings, contributing to a conducive and healthy living or working environment.



### Customization:

Product Customization Services for the Piston Air Compressor:

Brand Name: DM

Model Number: DM-YSJ

Place Of Origin: Made In China

Minimum Order Quantity: 1

Price: \$200~\$1000

Packaging Details: Wooden Case

Delivery Time: 30 Work Days

Payment Terms: T/T

Supply Ability: 100000pcs/year

Condition: New

Air Delivery: 400m3/min

Motor Speed: 50000RMP

Transmission Way: Belt Driven

Cooling Method: Air Cooling

Keywords: walk in cooler Compressor Machine, Compressor Parts, Piston Compressor



### Support and Services:

Our Product Technical Support and Services for the Piston Air Compressor include:

- Troubleshooting assistance for any issues that may arise during operation.
- Guidance on proper maintenance procedures to ensure optimal performance.
- Recommendations for replacement parts and accessories.
- Training resources to help operators maximize the efficiency of the compressor.



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