



## refrigeration system Damai Compressor for condensing unit walk in cooler cold room

Our Product Introduction

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### Basic Information

- Brand Name: Damai
- Model Number: DM-YSJ



### Product Specification

- Max Pressure: 150 PSI
- Air Flow: 2.6 CFM At 90 PSI
- Color: Customization
- Weight: 32 Lbs
- Model: Compressor
- Power: 500KW
- Dimensions: 17.5 X 17.5 X 20.5 Inches
- Voltage: Customization
- Highlight: **Cold Room Damai Compressor,  
Condensing Unit Damai Compressor,  
Walk In Cooler Damai 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:

Advantages

1. Can achieve high compression ratios, making it suitable for high-pressure applications.
2. Used in various industries, including refrigeration, air conditioning, and gas compression.
3. Maintains good efficiency even under varying load conditions.
4. Robust design ensures long service life with proper maintenance.
5. Simple structure allows for convenient servicing and replacement of parts.
6. Can compress different types of gases, including air, refrigerants, and industrial gases.

### Technical Parameters:

**Main Parameters**

**Cylinder Number** : 2-3

**Displacement Volume** : 12.2-54m<sup>3</sup>/h

**Crankcase Heater** : 120kw

**Refrigeration Oil** : Suniso 3gs

**Weight** : 63-175kg

**Normal Power** : 2.2-15HP

### Applications:

Applications of Piston Compressors:

1. Refrigeration and Air Conditioning - Used in household refrigerators, commercial freezers, and HVAC systems.
2. Industrial Manufacturing - Provides compressed air for machinery, tools, and automation systems.
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3. Petroleum and Gas Industry - Used for gas compression in pipelines, refineries, and chemical plants.
4. Automotive Industry - Found in vehicle air conditioning systems and air brakes for heavy trucks.
5. Medical Equipment - Used in medical air compressors for hospitals and laboratories.
6. Power Plants - Supports turbine operation, boiler systems, and pneumatic controls.



### Support and Services:

Our Damai Compressor product comes with comprehensive technical support and services to ensure smooth operation and maximum performance. Our dedicated team of experts is available to assist you with any product-related inquiries, troubleshooting, or maintenance needs. Whether you require assistance with installation, operation guidance, or troubleshooting, our technical support team is here to help.

In addition to technical support, we also offer a range of services to enhance the functionality and longevity of your Damai Compressor. This includes regular maintenance programs, on-site service visits, and training sessions to ensure that your equipment operates at its best.



### FAQ:

**Q: What is the brand name of this compressor?**

**A: The brand name of this compressor is Damai.**

**Q: What is the model number of this compressor?**

**A: The model number of this compressor is DM-YSJ.**

**Q: Where is this compressor manufactured?**

**A: This compressor is manufactured in China.**

**Q: What is the power source requirement for this compressor?**

**A: This compressor operates on a standard electrical power source.**

**Q: Does this compressor come with a warranty?**

**A: For information on warranty details, please refer to the product documentation or contact our customer service.**



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