



## Piston Damai Compressor for air cooled condensing unit refrigeration cooling system

Our Product Introduction

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### Basic Information

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



### Product Specification

- Motor Type: Induction
- Capacity: 20L
- Weight: 32 Lbs
- Color: Customization
- Warranty: 1 Year
- Power: 500KW
- Max Pressure: 150 PSI
- Type: Portable Air Compressor
- Highlight: **Air Cooled Damai Compressor,  
Piston Damai Compressor,  
Refrigeration Cooling System 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:** 12.2-54m³/h  
**Crankcase Heater:** 120kw  
**Refrigeration Oil:** Suniso 3gs  
**Weight:** 63-175kg  
**Norminal Power:** 2.2-15HP

### Applications:

#### Applications of Piston Compressors:

Refrigeration and Air Conditioning - Used in household refrigerators, commercial freezers, and HVAC systems.  
 Industrial Manufacturing - Provides compressed air for machinery, tools, and automation systems.

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Petroleum and Gas Industry - Used for gas compression in pipelines, refineries, and chemical plants.  
Automotive Industry - Found in vehicle air conditioning systems and air brakes for heavy trucks.  
Medical Equipment - Used in medical air compressors for hospitals and laboratories.  
Power Plants - Supports turbine operation, boiler systems, and pneumatic controls.



### Support and Services:

Damai Compressor offers comprehensive Product Technical Support and Services to ensure the optimal performance and functionality of your compressor system. Our experienced team of technicians is dedicated to providing timely assistance for any technical issues or queries you may have.

Our services include regular maintenance checks, troubleshooting support, and guidance on proper usage and maintenance of your Damai compressor. We are committed to helping you maximize the efficiency and lifespan of your equipment.

For any technical assistance or service inquiries, please reach out to our support team who will be happy to assist you.



### 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 Damai compressor?**

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

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

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

**Q: What is the power source required for operating this Damai compressor?**

**A: This Damai compressor operates on standard electrical power supply.**

**Q: Does the Damai compressor come with a warranty?**

**A: For warranty information, please refer to the warranty documentation provided with the product.**



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