



## 5HP-20HP Mute Air Compressor System For Industrial And Commercial Applications

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: DM
- Certification: CE;ISO
- 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

- Mute: Yes
- Port: SHANGHAI PORT, NINGBO PORT
- Power Source: Electric
- Rated Power: Customized
- Configuration: Stationary
- Capacity: 1.25 M3/min
- Bearing: Sweden SKF
- Condition: New
- Highlight: **20HP Mute Air Compressor System,  
5HP Mute Air Compressor System,  
Industrial Mute Air Compressor System**

## Product Description

### 5HP-20HP Mute Air Compressor System for Industrial and Commercial Applications

#### Product Description:

A scroll compressor is an advanced piece of equipment commonly utilized in HVAC (heating, ventilation, and air conditioning) and refrigeration systems. It consists of two spiral-shaped scrolls, one of which is stationary and the other orbits around it. This device is designed to trap and compress refrigerant gas in the interlocking spiral paths, which effectively pumps it through the system. The scroll compressor is well-known for its impressive reliability, energy efficiency, and nearly silent operation. It is a crucial component in a wide range of contemporary cooling and heating solutions.

Whether it's in residential or commercial settings, a scroll compressor offers several key benefits over other types of compressors, including its high efficiency, low noise level, and low maintenance requirements. As a result, it is an ideal choice for anyone looking for an efficient HVAC or refrigeration system that is both reliable and quiet.

In conclusion, scroll compressors are an essential component in modern heating, cooling, and refrigeration systems. Their ability to compress refrigerant gas using two spiral-shaped scrolls makes them efficient, reliable, and almost noiseless. Consequently, they are an attractive option for individuals and businesses seeking sustainable, energy-efficient, and quiet HVAC solutions.



#### Features:

##### Benefits of Scroll Compressors

There are numerous advantages of using scroll compressors in various applications:

##### 1. High Efficiency

Scroll compressors are widely recognized for their superior energy efficiency. This is due to their continuous compression process, which significantly minimizes leakage and pressure loss, compared to other alternative compressor types.

##### 2. Reliability

Unlike other compressor types, scroll compressors feature fewer moving parts. As a result, they exhibit a lower risk of mechanical failure, which ensures unparalleled reliability for your applications.

##### 3. Quiet Operation

Scroll compressors have a graceful motion that results in reduced vibration and noise levels. They are an ideal choice for residential settings and noise-sensitive environments.

##### 4. Longevity

Scroll compressors have a streamlined design with fewer moving components. This contributes to an extended operational lifespan, surpassing other compressor types on the market.

##### 5. Smooth Performance

The continuous compression mechanism of scroll compressors guarantees a steady flow of refrigerant, resulting in stable operations and enhanced temperature control.

##### 6. Versatility

Scroll compressors are highly adaptable and can be effectively utilized in a diverse array of applications including air conditioning, refrigeration, and heat pump systems.

##### 7. Ease of Maintenance

Thanks to their uncomplicated design, scroll compressors are relatively straightforward to maintain and repair, simplifying the upkeep process for your system.

process for your system.						
Model	Power (HP)	Exhaust capacity M3/h	Air condition(7.2/54.4C)		Weight( Kg)	Height (mm)
			Refrigeration	Input power (W)		
			Capacity( W)			
Single phase						
ZR16K3-PFJ	1.33	3.97	4010	1320	25.9	370.4
ZR18K3-PFJ	1.5	4.37	4400	1440	25.9	370.4

ZR20K3-PFJ	1.69	4.76	4890	1600	25.9	370.4
ZR22K3-PFJ	1.83	5.34	5330	1730	25.9	382.8
ZR24K3-PFJ	2	5.92	5920	1870	26.3	382.8
ZR26K3-PFJ	2.17	6.27	6330	2000	25.9	382.8
ZR28K3-PFJ	2.33	6.83	6910	2150	27.2	382.8
ZR30K3-PFJ	2.5	7.3	7380	2290	28.5	405.5
ZR32K3-PFJ	2.67	7.55	7760	2410	28.1	405.5
ZR34K3-PFJ	2.83	8.02	8200	2520	29.5	405.5
ZR36K3-PFJ	3	8.61	8790	2700	29.5	405.5
ZR40K3-PFJ	3.33	9.43	9670	2970	29.9	419.3

### Applications:

The usage of scroll compressors is versatile and finds its application in various fields such as heat pumps, commercial air conditioners, refrigeration and freezing equipment, and other refrigeration (heating) equipment. Scroll compressors are extensively used in the heat pump system. The vast power balance, small pressure fluctuations, low vibration, and noise make them an extremely suitable choice for heat pump applications. The Scroll heat pump compressors exhibit excellent results in preparing hot water in air source heat pumps, and there are successful cases in high-temperature heat pump applications too. Scroll compressors seem ideal to be used in small and medium-sized commercial air conditioners and industrial refrigeration equipment. They possess a cooling capacity range of around 10~50kW and work best in multi-split systems below 5 horsepower, small air-cooled and ground-water source heat pump units, etc.

The usage of scroll compressors extends beyond air conditioning and includes refrigeration and freezing equipment like cold storage, cold chain logistics vehicles, etc., where they cater to requirements related to food preservation and storage.

### Support and Services:

The Scroll Air Compressor product comes with the following technical support and services:

24/7 technical support hotline

Online troubleshooting guide

Complimentary installation and start-up assistance

Regular maintenance and service programs

Comprehensive warranty coverage



### FAQ:

- A: The brand name of this air compressor is DM.
2. Q: What is the model number of this air compressor?
- A: The model number of this air compressor is DM-YSJ.
3. Q: Where is this air compressor manufactured?
- A: This air compressor is manufactured in China.
4. Q: Does this air compressor have any certifications?
- A: Yes, this air compressor has CE and ISO certifications.
5. Q: What is the minimum order quantity for this air compressor?
- A: The minimum order quantity for this air compressor is 1.
6. Q: What is the price range for this air compressor?
- A: The price range for this air compressor is between \$200 and \$100000.
7. Q: What are the packaging details for this air compressor?
- A: The packaging details for this air compressor is a wooden case.
8. Q: How long does it take for delivery of this air compressor?
- A: The delivery time for this air compressor is 30 work days.
9. Q: What are the payment terms for this air compressor?
- A: The payment terms for this air compressor is T/T.
10. Q: What is the supply ability for this air compressor?
- A: The supply ability for this air compressor is 100000pcs/year.



**Zhejiang Damai Cold Chain Equipment Co., Ltd.**



86-13246760185



sales3@dmllcn.com



coldroomunit.com

Factory No. 1, Wanfeng Aviation Town, Wozhou Town, Xinchang County, Zhejiang Province