



Electric Fixed Speed Air Compressor for Manufacturing Industry and Heavy Duty 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

- Tank Orientation: Vertical
- Air Delivery: 18.5 CFM
- Horsepower: 2~20HP
- Voltage: 230 V
- Weight: 450 Lbs
- Model: Scroll Compressor
- Type: Reciprocating
- Maximum Pressure: 175 PSI
- Highlight: **Manufacturing Industry Air Compressor,
Electric Fixed Speed Air Compressor**



Product Description

Electric Fixed Speed Air Compressor for Manufacturing Industry and Heavy Duty Applications

Product Description:

Scroll compressors have become the most widely used compression technology in the air conditioning industry, replacing older technologies such as reciprocating and screw-based compressors. This is due to the numerous advantages of scroll compressors, and they are now used in a variety of applications, including split systems, rooftops, packaged units, and chillers.

These compressors are incredibly versatile and are used in large capacity systems where they deliver optimal comfort, low operating costs, and higher seasonal efficiency. To further enhance these advantages, multiple compressor assemblies (both tandem and trio configurations) are available. These assemblies are fully Copeland™ qualified.

If you're looking for a powerful and reliable compression technology to enhance your air conditioning system, scroll compressors provide several advantages over older technologies. In addition to being more efficient and cost-effective, they're also more widely available and highly reliable. If you're considering a new air conditioning system or are looking to upgrade an older system, it's worth considering the benefits of scroll compressors.



Features:

Advantages of Scroll Compressor

Simple Structure, Small Size and Light Weight

The scroll compressor is designed without any reciprocating mechanism, which results in a relatively simple structure. It is small in size and light in weight with a small number of parts, including a few wearing parts. This design feature makes it a more reliable option.

Smooth Operation and Low Vibration

Another advantage of the scroll compressor is its smooth operation and low vibration. With no reciprocating motion, it experiences minimal torque changes during operation, resulting in low vibration, low noise, and easy automation.

High Efficiency

The scroll compressor adapts to a wide range of refrigeration capacities and boasts high efficiency within that range.

Long Life and Less Maintenance

As there is virtually no wear between the running parts of the scroll compressor, it has a long lifespan and minimal maintenance requirements. It is also commonly known as a "maintenance-free compressor," making it an ideal power source for pneumatic machinery.

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:

Scroll compressors are commonly used in various applications, including commercial air conditioners, heat pumps, refrigeration equipment, electric vehicle scroll compressors, and more. However, they are specifically utilized in the following fields:

1. **Heat pumps:** Scroll compressors are essential components of heat pump systems, supplying cooling and heating for various applications. They are especially useful for heating, hot water, drying, and other related processes.
2. **Commercial air conditioners:** Scroll compressors are highly suitable for various commercial air conditioning systems, including multi-split systems, air-cooled heat pump modules, and more. They play a crucial role in ensuring efficient cooling and proper air circulation in various commercial buildings.
3. **Refrigeration equipment:** Scroll compressors are used extensively in refrigeration and freezing equipment, such as cold storage rooms, cold chain logistics vehicles, and more. They provide reliable and consistent cooling and freezing capabilities, making them an essential component of refrigeration systems.

Support and Services:

The Copeland Air Compressor product comes with a range of technical support and services to ensure maximum performance and reliability:

24/7 technical support hotline

Online troubleshooting and diagnostic tools

On-site field service

Factory authorized start-up and commissioning

Comprehensive training programs for operators and maintenance personnel

Warranty and extended warranty options

Our team of experienced technicians and engineers are committed to providing exceptional support and services to keep your Copeland Air Compressor running smoothly and efficiently.



FAQ:

Q: What is the brand name of the air compressor?

A: The brand name of the air compressor is DM.

Q: What is the model number of the air compressor?

A: The model number of the air compressor is DM-YSJ.

Q: Where is the air compressor manufactured?

A: The air compressor is manufactured in China.

Q: What is the supply ability of the air compressor?

A: The supply ability of the 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