



18.5 CFM Air Delivery Air Compressor for Long-Lasting Performance at 1750 RPM

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

- Maximum Pressure: 175 PSI
- Tank Orientation: Vertical
- Dimensions: 30 X 24 X 72 Inches
- Phase: Single Three
- Tank Capacity: 80 Gallons
- Model: Scroll Compressor
- Air Delivery: 18.5 CFM
- Pump Type: Oil-Lubricated
- Highlight: Long-Lasting Performance Air Compressor,
18.5 CFM Air Compressor,
1750 RPM Air Compressor

Product Description

18.5 CFM Air Delivery Air Compressor Parts for Long-Lasting Performance at 1750 RPM

Product Description:

Scroll compressors have emerged as a superior technology in the air conditioning industry, surpassing the previously popular reciprocating and screw compressors. They are extensively used across various applications, including split systems, rooftops, packaged units and chillers, owing to their undeniable superiority.

Copeland™ offers fully qualified multiple compressor assemblies, including tandem and trio, that are designed to be used in large capacity systems for optimal comfort, low operating costs, and higher seasonal efficiency. These compressors assemblies are preferred by industry experts due to their quality and reliable performance.

With the advancements in technology, scroll compressors are now efficiently replacing other compressor technologies in the market. The highly efficient compression technology, when used in larger systems, can deliver optimal comfort and lower operating cost, making it an ideal choice for air conditioning applications.



Features:

The scroll compressor is a type of compressor with a simple structure that is relatively small and lightweight. Unlike other compressors, the scroll compressor does not have reciprocating machinery, so it has fewer parts, and a smaller number of wearing parts, this makes it more reliable.

Another significant advantage of the scroll compressor is that it has smooth operation, low vibration, and low noise. The compressor has a small torque change due to the lack of reciprocating motion, making it easy to automate and simple to operate.

Furthermore, within the refrigeration capacity range it adapts to, the scroll compressor has a high efficiency.

Thanks to the almost non-existence of wear between the running parts of the scroll compressor, it has a long life, and it is known as a "maintenance-free compressor". This makes it suitable as an ideal power source for pneumatic machinery.

Model	Power (HP)	Exhaust cpacity 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
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Applications:

Scroll compressors are an important component in various industrial applications, including heat pumps, commercial air conditioners, refrigeration equipment, and electric vehicle compressors. Among these, scroll compressors are mainly used in:

- 1. Heat pumps:** Scroll compressors are ideal for heat pump systems that require both cooling and heating. These compressors are suitable for a broad range of applications, including heating, hot water, and drying processes, among others.
- 2. Commercial air conditioners:** Scroll compressors are employed in a wide range of commercial air conditioning systems, such as multi-split systems, air-cooled heat pump modules, and others. These compressors help maintain an optimal temperature and humidity level, providing a comfortable environment for people.
- 3. Refrigeration equipment:** Scroll compressors are also used in refrigeration and freezing equipment, such as cold storage and cold chain logistics vehicles. These compressors ensure that the temperature is correctly maintained, preserving the quality of perishable goods over an extended period.

Support and Services:

Our Copeland Air Compressor product comes with comprehensive technical support and services to meet the needs of our customers. Our services include:

- Installation and commissioning
- Maintenance and repair
- Technical training
- Remote monitoring and diagnostics
- 24/7 customer support

We have a team of experienced technicians and engineers who are dedicated to providing efficient and effective solutions to any technical issues or concerns our customers may have. We are committed to ensuring the optimal performance and longevity of our Copeland Air Compressors, and we will work closely with our customers to ensure their satisfaction.



FAQ:

- Q: What is the brand name of this air compressor?
A: The brand name is DM.
- Q: What is the model number of this air compressor?
A: The model number is DM-YSJ.
- Q: Where is this air compressor manufactured?
A: This air compressor is manufactured in China.
- Q: What certifications does this air compressor have?
A: This air compressor has CE and ISO certifications.
- Q: What is the minimum order quantity for this air compressor?
A: The minimum order quantity is 1.
- Q: What is the price range of this air compressor?
A: The price range is between \$200 and \$100,000.
- Q: What kind of packaging is used for this air compressor?
A: The air compressor is packaged in a wooden case.
- Q: What is the delivery time for this air compressor?
A: The delivery time is 30 work days.
- Q: What are the payment terms for this air compressor?
A: The payment terms are T/T.
- Q: What is the supply ability of this air compressor?
A: The supply ability is 100,000pcs/year.

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