



High Capacity Air Compressor Machine with Air Cooling System 1.25 M3/min

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

- Gas Type: Air
- Condition: New
- Configuration: Stationary
- Capacity: 1.25 M3/min
- Cooling System: Air Cooling
- Rated Power: Customized
- Horsepower: 5HP~20HP
- Mute: Yes
- Highlight: 1.25 M3/min Air Compressor Machine,
High Capacity Air Compressor Machine,
Air Cooling System Air Compressor Machine



Product Description

High Capacity Air Compressor Machine with Air Cooling System 1.25 M3/min

Product Description:

A scroll compressor is a complex apparatus used extensively in heating, ventilation, air conditioning, and refrigeration systems. This innovative device utilizes two spiral-shaped scrolls, one stationary and the other orbiting, to effectively trap and compress refrigerant gas within their interlocking spirals. The scroll compressor is highly efficient in pumping compressed gas through the system, making it an indispensable component in most modern technologies.

One of the key features of the scroll compressor is its dependability. It is a highly reliable device that is widely used across many industries. Moreover, the scroll compressor is known for its energy-efficient operation, which makes it a popular choice in commercial and residential cooling and heating systems.

The scroll compressor also operates quietly, which is a significant benefit in today's noise-sensitive environments. Its whisper-quiet operation is particularly useful for applications where noise levels are a concern, such as in medical facilities, offices, and residential buildings.



Features:

Benefits of Scroll Compressors

High Efficiency: One of the primary advantages of using scroll compressors is their exceptional energy efficiency. This is achieved through their continuous compression process which minimizes the potential for leakage and pressure loss. As a result, they require less energy to operate and can help reduce electricity costs.

Reliability: Compared to other compressor types, scroll compressors have fewer moving parts which means they are less prone to mechanical failure. This exceptional reliability ensures smooth operations and reduces the need for frequent repairs.

Quiet Operation: Scroll compressors are an excellent choice for residential environments and noise-sensitive settings because of their quiet operation. Their graceful motion creates less vibration and noise compared to alternative compressor types.

Longevity: With their streamlined design and fewer moving components, scroll compressors offer extended operational lifespans. They can surpass the lifespan of other compressor types, providing reliable performance for longer periods of time.

Smooth Performance: The continuous compression mechanism of scroll compressors guarantees a steady flow of refrigerant. As a result, they can provide stable operations and enhanced temperature control to meet diverse requirements.

Versatility: Scroll compressors are highly adaptable and can be effectively used in a wide range of applications, such as air conditioning, refrigeration, and heat pump systems.

Ease of Maintenance: Because of their uncomplicated design, scroll compressors are relatively straightforward to maintain and repair. This simplifies upkeep processes and means they can remain in great condition for longer.

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 application of scroll compressors is widely used in the HVAC (heating, ventilation, and air conditioning) industry. They are particularly suitable for heat pumps, commercial and industrial air conditioning systems, and refrigeration and freezing equipment. There are several specific scenarios that make scroll compressors an ideal choice:

Heat pump system: Scroll compressors are particularly efficient in heat pump systems. Their power balance, low vibration, and noise make them an obvious choice for heat pump applications. In air source heat pumps, scroll heat pumps are known to perform well in heating water, and have been successfully used in many high-temperature heat pump applications.

Commercial and industrial air conditioners: Scroll compressors are ideal for medium to small-sized commercial air conditioners and industrial refrigeration equipment. These compressors can handle a cooling capacity of between 10 and 50kW, making them suitable for multi-split systems with horsepower below 5, and small air-cooled and ground-water source heat pump units.

Refrigeration and freezing equipment: Scroll compressors are also commonly used in refrigeration and freezing equipment such as cold storage and cold chain logistics vehicles. These compressors ensure the decay of food preservation and storage.

Support and Services:

The Scroll Air Compressor is a high-efficiency and reliable product designed for a wide range of applications. Our technical support team is available to assist you with any product-related questions or concerns you may have. Our services include:

- Installation guidance and support
- Troubleshooting and maintenance assistance
- Replacement part identification and ordering
- Product training and education

We are committed to providing exceptional customer service and ensuring the longevity of your Scroll Air Compressor. Contact us today for all your technical support and service needs.



FAQ:What is the brand name of this air compressor?

Where is this air compressor made?

China

What certifications does this air compressor have?

CE;ISO.

What is the price range for this air compressor?

\$200~\$100000

What type of packaging is used for this air compressor?

Wooden case

What is the delivery time for this air compressor?

30 work days


What are the payment terms for this air compressor?

T/T

What is the supply ability of this air compressor?

100000pcs/year

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