



2-20HP Horsepower Auxiliary Air Compressor For Reciprocating Machinery In Industrial Environments

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



DAMAI COLD CHAIN EQUIPMENT



Product Specification

- Tank Orientation: Vertical
- Pump Type: Oil-Lubricated
- Power Source: Electric
- Horsepower: 2~20HP
- Voltage: 230 V
- Motor Speed: 1750 RPM
- Model: Scroll Compressor
- Air Delivery: 18.5 CFM
- Highlight: **2-20HP Auxiliary Air Compressor,
Industrial Environments Auxiliary Air
Compressor**
,
**Reciprocating Machinery Auxiliary Air
Compressor**

Product Description

2-20HP Horsepower Auxiliary Air Compressor for Reciprocating Machinery in Industrial Environments

Product Description:

Scroll compressors have been increasingly utilized in the air conditioning industry for various applications such as split systems, rooftops, packaged units, and chillers. As they exhibit undeniable superiority replacing reciprocating and screw compressors, scroll compressors have now become the most used compression technology.

For large capacity systems, multiple compressor assemblies comprised of fully qualified Copeland™ tandem and trio compressors are available to deliver optimal comfort, low operating cost, and higher seasonal efficiency.



Features:

Benefits of Using Scroll Compressors

Scroll compressors are known for their unique advantages and features in various industries. Some of the benefits of using scroll compressors are:

1. Simple structure, small size and light weight

The scroll compressor has a simple structure compared to other compressors. It has no reciprocating mechanism, which results in a small size and light weight. The compressor has a fewer number of parts and wearing parts, making it more reliable and durable.

2. Smooth operation and low vibration

Scroll compressors have a smooth operation because of the lack of reciprocating motion. The low torque change in the compressor causes low vibration and noise. It is easy to automate and simple to operate, making it suitable for various applications.

3. High efficiency

One of the significant benefits of using scroll compressors is its high efficiency. The compressor has shown to perform well within the refrigeration capacity range it adapts to.

4. Long life and less maintenance

Scroll compressors are known for their longer life because of minimal wear between the running parts. It is regarded as a "maintenance-free compressor" and works well as 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

Scroll compressors are a type of compressor widely used in a variety of industries. They are particularly common in heat pumps, commercial air conditioning systems, refrigeration equipment, and electric vehicle scroll compressors.

Heat Pumps

Scroll compressors are important components of heat pump systems. They are able to efficiently control the cooling and heating processes involved in such systems, and are suitable for a wide range of applications including heating, hot water production, and drying.

Commercial Air Conditioners

In addition to their use in heat pumps, scroll compressors are also widely used in various commercial air conditioning systems. This includes multi-split systems, air-cooled heat pump modules, and more. Because of their efficiency and reliability, scroll compressors are often the preferred choice for these types of applications.

Refrigeration Equipment

Another major area of application for scroll compressors is in refrigeration equipment. Cold storage and cold chain logistics vehicles are just a few examples of where these compressors are used for refrigeration and freezing. In these types of applications, scroll compressors are highly effective at maintaining consistent temperatures and preserving the quality of perishable goods.

Support and Services:

Our Copeland Air Compressor product comes with comprehensive technical support and services to ensure reliable and efficient operation. Our team of experts is always available to provide assistance with installation, startup, maintenance, and troubleshooting of the equipment. We also offer training and education programs to help you optimize the performance of your compressor system. Additionally, our product comes with a warranty and we provide repair and replacement services for any defective parts. Contact us for more information on how we can assist you with your Copeland Air Compressor.



FAQ:

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.

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