



Customized Rated Power Scroll Air Compressor For Condensing Unit In Cold Room

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

- Condition: New
- Color: Customized
- Application: For Food, Medical, industrial And Commercial Applications
- Phase: Single
- Horsepower: 5HP~20HP
- Port: SHANGHAI PORT, NINGBO PORT
- Mute: Yes
- Configuration: Stationary
- Highlight: Cold Room Scroll Air Compressor,
Customized Scroll Air Compressor,
Condensing Unit Scroll Air Compressor

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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:

- 1. Simple Structure:** The scroll compressor has no reciprocating mechanism, simple structure, small size, light weight, few parts, and high reliability.
- 2. High Efficiency and Energy Saving:** The compression process of the scroll compressor is smooth and continuous, with high energy efficiency, suitable for use in various working conditions.
- 3. Low Noise and Low Vibration:** Due to its few moving parts and smooth operation, the scroll compressor has low noise and vibration, suitable for applications that require a quiet environment.
- 4. Easy Maintenance:** The scroll compressor has a novel structure, the main operating parts only have meshing without wear, long life, and low maintenance cost.

Technical Parameters:

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 find extensive applications in various industries including air conditioning, refrigeration, heat pumps, automobiles, industrial production, agriculture, transportation, medical equipment, and food processing. Their superior efficiency, energy-saving capabilities, minimal noise levels, and low maintenance requirements make them highly effective in these domains. They are specifically designed to operate efficiently in a wide range of applications. Their versatility and reliability make them a preferred choice for numerous industries seeking optimal performance and cost-effective solutions. In air conditioning and refrigeration systems, for example, scroll compressors are valued for their ability to provide consistent cooling while minimizing energy consumption. In the automotive sector, scroll compressors are utilized in air conditioning systems to ensure comfort and safety for passengers. Similarly, in industrial settings, these compressors play a crucial role in maintaining optimal operating conditions for machinery and processes. The agriculture sector benefits from scroll compressors' efficient performance in climate control systems for greenhouses and storage facilities. Overall, scroll compressors' broad range of applications and their positive impact on energy efficiency and performance have established them as key components in various sectors, contributing to enhanced productivity and sustainability across industries.



Support and Services:

The Scroll Air Compressor product offers comprehensive Product Technical Support and Services to ensure optimal performance and longevity. Our dedicated team of experts is available to assist with installation, troubleshooting, maintenance, and repair services. We provide training programs, technical documentation, and remote support to address any issues that may arise. Our commitment to customer satisfaction means you can rely on our reliable technical support to keep your system running smoothly.



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