



Industrial Scroll Air Compressor For Refrigeration Unit Cold Storage

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

- Capacity: 1.25 M3/min
- Gas Type: Air
- Exhaust Pressure: 2-12 Bar
- Color: Customized
- Rated Power: Customized
- Cooling System: Air Cooling
- Power Source: Electric
- Type: Scroll
- Highlight: Cold Storage Scroll Air Compressor,
Refrigeration Unit Scroll Air Compressor,
Industrial 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:

- Simple structure:** The scroll compressor boasts a straightforward design with no reciprocating mechanism. It is characterized by its simplicity, small size, light weight, minimal parts, and high reliability.
- High efficiency and energy saving:** The compression process of the scroll compressor is seamlessly continuous, ensuring high energy efficiency. This feature makes it well-suited for a wide range of working conditions.
- Low noise and low vibration:** The scroll compressor stands out for its low noise and vibration levels, thanks to its limited moving parts and smooth operation. It is particularly suitable for applications that necessitate a quiet environment.
- Easy maintenance:** Featuring an innovative structure, the scroll compressor's main operating components only engage in meshing without experiencing wear. This configuration results in a long lifespan and low maintenance costs.

Technical Parameters:

Model	Power (HP)	Exhaust capacity M3/h	Air condition(7.2/54.4C)		Weight(Kg)	Height (mm)
			Refrigeration	Input power		
			Capacity(W)	(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 fields such as air conditioning and refrigeration systems, heat pumps, automobiles, industrial production, agriculture, transportation, medical equipment, and food processing. Their excellent traits including high efficiency, energy-saving features, low noise operation, and minimal maintenance requirements have contributed to their outstanding performance across these diverse industries.

These compressors are favored due to their versatility and effectiveness in enhancing the operational efficiency of systems in different sectors. Whether it's maintaining optimal temperature in air conditioning units or powering refrigeration systems, scroll compressors prove to be reliable and efficient components that cater to a wide range of needs.



Support and Services:

The Scroll Air Compressor product comes with comprehensive technical support and services to ensure optimal performance and reliability. Our team of experts is available to assist with installation, troubleshooting, and maintenance to keep your compressor running smoothly. In addition, we offer training programs to help you maximize the efficiency of your equipment and minimize downtime. Count on us for all your technical support needs.



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