

High Temperature Screw Compressor Unit

This high-temperature screw compressor unit is designed for industrial refrigeration applications. It provides efficient and reliable cooling for large low-temperature cold rooms, pre-cooling, and workshop air conditioning.



ADDITIONAL IMAGES



Overview

High-Performance Industrial Cooling

This high-temperature screw parallel unit is engineered for demanding industrial refrigeration applications, offering reliable and scalable cooling performance. Featuring a modular design with multiple screw compressors operating in parallel, the system ensures optimal temperature control and energy efficiency. It is designed to support a wide range of industrial environments, from large-scale cold storage and pre-cooling facilities to workshop air conditioning and specialized preservation warehouses.

Technical Specifications

Key Performance Metrics

2900 R/Min
Speed

150.7 KW
Min Capacity

3772 KW
Max Capacity

Energy Regulation Steps

- 100%
- 75%
- 50%

Compatible Refrigerants

R22, R507A, R404A, R134A, R448A, R449A

Evaporation Temperature

-20 to -25°C

Compatibility & Application



Versatile cooling solutions for supermarkets, processing plants, and cold storage.

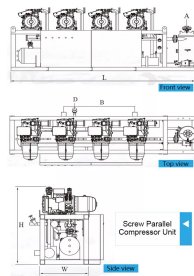
Suitable Applications

Large Low Temp Cold Room • Pre-cooling • Workshop Air Conditioning • Shipping Platforms • Supermarkets • Slaughterhouses • Seafood Preservation

Electrical Compatibility

Universal (customizable to any country's electric system)

Design Details



Modular design featuring receiver, oil separator, and control panel layout.

System Configuration

Component	Function/Detail
Compressor Type	Screw Compressor
Control System	Advanced monitoring and operation
Piping	Insulated, high-efficiency heat transfer
Structural	Robust frame with receiver