



Refcomp SP2L0600 SP2L060E Semi Sealed Reciprocating Compressor for Low-Temp Cold Room

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Refcomp
- Certification: CE
- Model Number: SP2L0600, SP2L060E
- Minimum Order Quantity: 1
- Price: Discussed
- Packaging Details: WOODEN CASE
- Delivery Time: 1 Month
- Payment Terms: Western Union, T/T
- Supply Ability: 10000Pcs/Year



Product Specification

- Refrigerant: R22, R407C, R134a, R404A, R507
- Rated Power: 6HP/4.4KW
- Displacement 50/60Hz: 28/33.6 M3/hr
- Application: HVAC, Condensing Unit, Cold Room, Rack System
- Oil Charge: 1.8L
- Highlight: **SP2L0600 semi sealed reciprocating compressor**
, SP2L060E low-temp cold room compressor,
semi hermetic compressor for cold room



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Product Description

Product Overview

The Refcomp SP2L0600 (SP2L060E) is a semi-hermetic reciprocating compressor engineered for low-temperature cold room and refrigeration applications. It combines a compact integrated structure with optimized internal gas passages to deliver smooth refrigerant flow, reduced intake resistance and lower exhaust flow losses.

Key Design Features

Compact Body & Optimized Gas Flow

Optimized internal gas passages help reduce intake resistance and exhaust flow losses. The compact integrated structure simplifies the compressor layout while supporting smoother refrigerant flow, making it well suited to low-temperature refrigeration systems.

Refined Crankshaft & Connecting-Rod Design

RefComp's specially developed crankshaft promotes smooth mechanical movement, effective lubrication and reduced vibration. The wear-resistant bushing at the connecting rod's small end helps minimize friction and mechanical wear, supporting reliable operation under demanding refrigeration conditions.

360° Rotatable Shut-Off Valves

The suction and discharge shut-off valves rotate through 360°, allowing flexible piping connections to suit installation requirements. This makes pipe routing easier, reduces installation constraints and provides greater convenience when integrating the compressor into different refrigeration systems.

Built-in High-Density Suction Filter

The high-density suction filter captures impurities before they enter the compression chamber, helping protect internal components from contamination. Its external mounting makes inspection and replacement more convenient, simplifying routine maintenance and reducing servicing difficulties.

Product Image



Refcomp SP Series Semi-Hermetic Compressor

Technical Specification

Model	SP2L0600, SP2L060E
Rated power	6 HP / 4.4 kW
Exhaust volume (50Hz / 60Hz)	28 / 33.6 m³/hr
Refrigerant Type	R22, R407C, R134a, R404A, R507
Weight	86 KG
Oil Charge	1.8 L
Voltage	△230V/3/50Hz, Y400V/3/50Hz
Starting current PW / DOL	- / 60A
Max operating current	34A

FAQ

Q1: How do I select the right SP2L0600 for my refrigeration system?

When selecting a semi-hermetic reciprocating compressor, consider the required cooling capacity, refrigerant, evaporating and condensing temperatures, ambient conditions and power supply. As a low-temperature reciprocating compressor, the SP2L0600 should be matched to the actual operating requirements of the system.

Q2: What should be checked before commissioning the compressor?

Check the refrigerant piping connections, oil charge, motor wiring and crankcase heater. The built-in PTC crankcase heater helps maintain crankcase temperature during shutdown, reducing the risk of refrigerant migration into the lubricating oil.

Q3: What are the advantages of the compressor's external suction filter arrangement?

The external filter arrangement makes inspection and replacement more accessible without requiring unnecessary disassembly of the main compressor body. Regular inspection also helps identify contamination that could affect the operation of this semi-hermetic piston compressor.

Q4: What information is needed when replacing an existing compressor with the SP2L0600?

Provide the existing compressor model, refrigerant, cooling capacity, operating temperatures, electrical supply and piping connection details. These details help verify installation compatibility and ensure the replacement compressor is suitable for the existing refrigeration system.



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