



Refcomp SRC-S(W)-213 SRC-S-213-L4 Semi Hermetic Screw Compressor for Rack System

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Refcomp
- Certification: CE
- Model Number: SRC-S(W)-213, SRC-S-213-L4
- Minimum Order Quantity: 1
- Price: Discussed
- Packaging Details: WOODEN CASE
- Delivery Time: 1 Month
- Payment Terms: Western Union, T/T
- Supply Ability: 100000Pcs/Year



Product Specification

- Rated Power: 70HP/52KW
- Application: HVAC, Condensing Unit, Cold Room, Rack System
- Displacement 50/60Hz: 237/284 M3/hr
- Oil Charge: 7L
- Refrigerant: R22, R407C, R410a, R404A, R507A
- Highlight: **Refcomp SRC-S-213 screw compressor, semi hermetic screw compressor, screw compressor for rack system**



More Images



Product Description

Product Description

High-Efficiency Rotor Geometry — Patented rotor profile supports smooth engagement and low-vibration operation, delivering high compression performance for commercial and industrial refrigeration.

Flexible Cooling Capacity Regulation — Features 100%, 75%, 50%, and 25% stepped load control along with continuous stepless adjustment to match variable system refrigeration demands.

Integrated Internal Oil Separator — High-efficiency multi-stage internal oil separation reaches up to 99.85%, minimizing oil circulation and protecting system heat exchanger performance.

Advanced Motor Thermal Protection — Equipped with an INT69 SNY control module and 6 embedded PTC thermistors to ensure constant monitoring of motor windings and discharge temperatures.

Product Image



Technical Specification

Model	SRC-S(W)-213	SRC-S-213-L4
Rated power	70HP / 52KW	
Exhaust volume (50Hz / 60Hz)	237 / 284 m³/hr	
Refrigerant Type	R22, R407C, R410a, R404A, R507A	
Weight	515 KG	
Oil Charge	7 L	
Voltage	400/3/50Hz – 460/3/60Hz	
Cooling Capacity Regulation	100%, 75%, 50%, 25% (stepless 100%–25%)	
LRA Y/Δ	159 / 459 A	193 / 580 A

Model SRC-S(W)			113	133	163	183	213	255	285	305	
Standard Motor Power			HP/kW	30/22	40/30	50/37	60/45	70/52	80/60	90/67	100/75
Displacement 50/60[Hz]			m³/h	118/142	150/180	175/210	205/246	237/284	286/343	318/382	341/409
Weight			kg	325	330	335	510	515	585	590	595
Oil Charge			dm³	6			7		10		
Electrical Heater				200W-230V-50/60Hz							
Discharge pipe inner diameter/pipe size			mm	42.2/1-5/8"			54.1/2-1/8"				
Suction pipe inner diameter/pipe size			mm	54.1/2-1/8"			67.0/2-5/8"		80.0/3-1/8"		
Liquid Injection Connection			mm	10(copper pipe)							
Economizer Connection			mm	22							
Cooling Capacity Regulation				100%,75%,50%,25%(stepless 100%-25%)							
Protection Device				INT69 SNY							
Lubricating Oil				R22:S001							
Compressor Positioning Hole				4×Ø19							
Standard Motor				400/3/50Hz-460/3/60Hz							
Y/Δ	SRC-S-W	LRA Y	A	109	131	134	139	159	193	254	254
		LRA Δ	A	331	398	406	422	459	580	770	770
		FLA	A	70	82	86	105	115	140	160	170
	SRC-S	LRA Y	A	131	134	182	159	193	257	318	318
		LRA Δ	A	398	406	547	459	580	770	953	953
		FLA L	A	80	90	96	124	140	168	192	196

Frequently Asked Questions

Q: What information should be submitted for technical selection of the SRC-S(W)-213 (SRC-S-213-L4) semi hermetic screw compressor?

A: Provide target cooling capacity, design evaporating and condensing temperatures, refrigerant type, supply voltage/frequency, and whether an economizer or liquid injection loop is required.

Q: What crucial pre-start checks ensure safe commissioning of this unit?

A: Energize the crankcase heater prior to initial startup to clear liquid refrigerant, verify correct phase rotation sequence, and check that oil level and suction filter cleanliness meet startup standards.

Q: How does the built-in INT69 SNY module protect the motor and internal components?

A: The INT69 SNY module processes real-time signals from six internal PTC thermistors embedded in motor windings and the discharge port, opening the control circuit if over-temperature limits are detected.

Q: What basic routine maintenance maintains stable lubrication and system reliability?

A: Regularly inspect oil sight glass clarity, monitor differential pressure across strainers and filters, and check terminal box connection tightness during routine plant service inspections.

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