



Refcomp SRC-S(W)-133 SRC-S-133-L4 R22 HVAC Screw Compressor

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Refcomp
- Certification: CE
- Model Number: SRC-S(W)-133, SRC-S-133-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: 40HP/30KW
- Refrigerant: R22, R407C, R410a, R404A, R507A
- Application: HVAC, Condensing Unit, Cold Room, Rack System
- Oil Charge: 6L
- Displacement 50/60Hz: 150/180 M3/hr
- Highlight: Refcomp SRC-S-133 R22 screw compressor, SRC-S-133-L4 HVAC screw compressor, Refcomp refrigeration screw compressor



More Images



Product Description

Product Description

High-Efficiency Rotor Geometry — Patented rotor profile supports smooth engagement and optimal gas flow, delivering reliable compression performance for commercial HVAC and refrigeration applications.

Flexible Cooling Capacity Regulation — Features 100%, 75%, 50%, and 25% stepped adjustment alongside continuous stepless capacity control to match varying thermal loads efficiently.

Integrated Internal Oil Separation — Built-in multi-stage oil separator achieves high separation efficiency up to 99.85%, minimizing oil carryover into the system heat exchangers.

Comprehensive Motor and System Protection — Equipped with an INT69 SNY protection module and 6 internal PTC thermistors for real-time thermal monitoring of motor coils and discharge gas.

Product Image



Technical Specification

Model	SRC-S(W)-133	SRC-S-133-L4
Rated power	40HP / 30KW	
Exhaust volume (50Hz / 60Hz)	150 / 180 m³/hr	
Refrigerant Type	R22, R407C, R410a, R404A, R507A	
Weight	330 KG	
Oil Charge	6 L	
Voltage	400/3/50Hz – 460/3/60Hz	
Cooling Capacity Regulation	100%, 75%, 50%, 25% (stepless 100%–25%)	
LRA Y/Δ	131 / 398 A	134 / 406 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

FAQ

Q: What technical details are required when evaluating the SRC-S-133 (SRC-S-133-L4) screw compressor for system integration?

A: You should confirm the target cooling capacity, evaporating and condensing temperatures, selected refrigerant, supply voltage/frequency, and whether an economizer circuit or liquid injection is required.

Q: What pre-commissioning checks are critical for the oil and electrical systems?

A: Pre-heat the crankcase via the electrical heater before startup to prevent liquid refrigerant accumulation, verify proper initial oil charge level through the sight glass, and check rotation direction during momentary power-on.

Q: How does the INT69 SNY module handle high discharge or motor winding temperatures?

A: The INT69 SNY module continuously measures temperature signals from six built-in PTC thermistors and automatically opens the safety circuit to trip the compressor if thermal thresholds are exceeded.

Q: What basic operational maintenance helps ensure maximum bearing and motor lifespan?

A: Regularly inspect the oil clarity, check the differential pressure across suction line strainers and oil filters, and verify clean electrical connections on the terminal box and protection module.

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