



RC2-260B-Z RC2-260B-W Hanbell Semi-Hermetic Screw AC Compressor

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Hanbell
- Certification: CE
- Model Number: RC2-260B-Z, RC2-260B-W
- 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

- Displacement 60/50Hz: 309/257 M3/hr
- Horse Power(60/50Hz): 90/75 HP
- Application: HVAC, Condensing Unit, Cold Room, Rack System
- Refrigerant: R134a, R22, R407C, R404A, R507A
- Compressor Type: Air/Water Cooled
- Highlight: Hanbell semi-hermetic screw compressor, RC2-260B AC screw compressor, Screw air compressor with warranty



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Product Description

RC2-260B-Z RC2-260B-W Hanbell Semi-Hermetic Screw AC Compressor

Product Overview

High-performance semi-hermetic screw compressor designed for demanding commercial and industrial applications with advanced features for reliability and efficiency.

Key Features

Patented 5:6 Screw Rotor Profile: Precision CNC-milled rotors eliminate wearing components for smooth operation, low noise, and minimal vibration

High-Efficiency Motor & Suction Vapor Cooling: 3-phase, 2-pole induction motor with dedicated refrigerant cooling channels for optimal performance

Double-Walled Casing & 10-Bearing Array: FC25 gray cast iron construction with reinforced ribs and comprehensive bearing support

Dynamic Capacity Control & Economizer Ports: 4-step (25%-50%-75%-100%) or continuous stepless regulation (25%-100%) with integrated connection ports

Integrated Oil Management & Electronic Protection: Advanced oil separation, PTC thermistors, and comprehensive motor protection systems

Applications

Commercial Central HVAC: Water-cooled and air-cooled liquid chillers for commercial complexes and office towers

Industrial Process Cooling: Precision fluid chillers for chemical processing, plastics manufacturing, and food production

Cold Storage Logistics: Medium and low-temperature cold rooms, agricultural pre-cooling, and distribution centers

Product Image



Technical Specifications

Model	RC2-260B-Z/RC2-260B-W		
Cooling Type	Air Cooled/Water Cooled		
Nominal Power (60Hz/50Hz)	90/75HP		
Refrigerant Type	R134a, R22, R407C, R404A, R507A		
Displacement (60/50Hz)	309/257 m³/hr		
Capacity Control (Step)	25-50-75-100%		
Capacity Control (Stepless)	25-100%		
Lubricant Charge	14L		
Oil Heater	150/300W		
Weight	560Kg		

Model	Compressor					Motor										Lubricant Charge	Oil Heater	Hydrostatic Pressure Test	Weight
	Displacement 60 / 50Hz	Rated Speed	VI	Cap.Control(%)		Type	Nominal Hp		Starting	Voltage(V)		Insulation	Protection						
				STEP	STEPLESS		60Hz	50Hz		60Hz	50Hz								
RC2-100B	118/98			33-66-100	33-100		38	31							7			280	
RC2-140B	165/137			33-66-100	33-100		50	41							7			285	
RC2-180B	216/180			33-66-100	33-100		66	55		208					7			390	
RC2-200B	233/193			25-50-75-100	25-100		70	58		220					8			425	
RC2-230B	277/230			35-50-75-100	25-100		83	69		230					14			555	
RC2-260B	309/257			25-50-75-100	25-100		90	75		380					14			560	
RC2-300B	352/293			25-50-75-100	25-100		107	89		440					16			600	
RC2-310B	371/308			35-50-75-100	35-100		110	91		460					16			580	
RC2-320B	384/320			25-50-75-100	25-100		114	94		480					16			600	
RC2-340B	407/339			35-50-75-100	35-100		121	101		575					16			620	
RC2-370B	440/366		2.2	35-50-75-100	35-100	3 Phase, 2 Pole, Squirrel Cage, Induction Motor	130	108							16			640	
RC2-410B	490/407		2.6	25-50-75-100	25-100		146	121							16			740	
RC2-470B	567/471	3550/2950	3.0	25-50-75-100	25-100		170	141		380					18	150/300	42	810	
RC2-510B	611/508		3.5	35-50-75-100	35-100		183	152		415		Class F	PTC Protection		20			780	
RC2-550B	660/549		4.8	25-50-75-100	25-100		195	162							23			850	
RC2-580B	702/583			35-50-75-100	35-100		210	175							20			840	
RC2-620B	745/619			35-50-75-100	35-100		220	183		380					23			880	
RC2-710B	858/713			35-50-75-100	35-100		250	208		460					28			1099	
RC2-790B	952/791			30-50-75-100	25-100		276	230		480					28			1180	
RC2-830B	993/825			35-50-75-100	35-100		290	234		575					28			1215	
RC2-930B	1117/929			35-50-75-100	35-100	334	278							28			1240		
RC2-1020B	1223/1017			25-50-75-100	25-100	357	297							40			1540		
RC2-1130B	1350/1122			25-50-75-100	25-100	393	327							40			1560		
RC2-1270B	1521/1266			25-50-75-100	25-100	471	392							53			2200		
RC2-1530B	1847/1539			25-50-75-100	25-100	534	443							53			2300		

About Ruifujie

With over 20 years of experience in refrigeration technology, Ruifujie is a modern manufacturing enterprise offering comprehensive compressor solutions including scroll, reciprocating, rotary, semi-hermetic, and screw compressors. We provide OEM and ODM customization services and maintain global partnerships across multiple continents.



Frequently Asked Questions

Q: Which refrigerants can be used with the RC2-260B compressor?

A: The RC2-260B is compatible with R22, R407C, R404A, and R507A refrigerants, making it adaptable to standard HVAC and commercial cooling systems.

Q: What capacity control options does the RC2-260B offer?

A: It supports 4-stage stepped capacity control (25%-50%-75%-100%) as well as continuous stepless regulation (25%-100%) to match fluctuating system demands.

Q: How is motor protection implemented on this model?

A: The compressor utilizes built-in PTC thermistors and an electronic protection module to monitor motor coil temperature, discharge gas heat, phase sequence, and phase loss.

Q: What is your standard delivery time for wholesale orders?

A: In-stock sample units ship within 3 business days, while bulk production orders are typically fulfilled within 10 to 15 working days.

Q: Do you provide OEM branding and nameplate customization?

A: Yes, Ruifujie provides full OEM/ODM support, including custom logos, multi-language metal nameplates, and tailored technical configurations.

Request a Quote

Ready to integrate the RC2-260B compressor into your commercial HVAC or industrial refrigeration project? Contact the Ruifujie technical sales team today for factory-direct wholesale pricing, CAD dimensions, and engineering guidance.

Please provide your required Model, Quantity, Refrigerant, Voltage, Operating Conditions, and Project Requirements to help us quote within 8 hours.

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