



06NA2250S7NA-A00 100HP Air Cooled Commercial Cold Room Screw AC Compressor

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Carlyle
- Certification: CE
- Model Number: 06NA2250S7NA-A00
- Minimum Order Quantity: 1
- Price: Discussed
- Packaging Details: WOODEN CASE
- Delivery Time: 1 Month
- Payment Terms: Western Union,T/T
- Supply Ability: 100PC



Product Specification

- Compressor Type: Screw
- Condensertype: Air-cooled
- Commercial Refrigeration: HVAC&Cooling Units
- Refrigerant: R134a
- Horse Power: 100HP
- Highlight: **100HP air cooled screw compressor, commercial cold room AC compressor, screw air compressor with warranty**



More Images



Product Description

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Product Overview

Lowering Expenses via Precision Unloading

Managing electric utility costs in large commercial air conditioning systems requires flexible load adjustment. Featuring a 3-step capacity control mechanism (100%-66%-33%) driven by dual solenoid valves, this high-performance screw AC compressor dynamically matches changing cooling demands. By reducing power consumption during off-peak hours, it lowers peak demand surcharges and cuts total operating costs.

High Reliability Under Severe Duty

Continuous operating cycles and thermal loads can cause mechanical fatigue in industrial air-cooled chillers. Built with patented high-precision rotor geometry, heavy-duty SKF/NSK bearings, and an internal check valve, this robust screw AC compressor eliminates rotor reverse rotation during shutdown and minimizes gas bypass leakage. An integrated oil filter, discharge muffler, and internal safety relief valve ensure smooth, quiet operation.

Eco Compliance and Universal Flexibility

Adapting commercial HVAC equipment to strict environmental standards and global power supplies requires versatile machinery. Certified under UL, CE, and ISO 9002 standards, this screw AC compressor is optimized for eco-friendly R134a refrigerant. Featuring high-efficiency motor windings with integrated NTC thermal protection and dual-voltage support (400V/50Hz, 460V/60Hz), it provides a direct drop-in replacement solution for liquid chillers worldwide.

Product Image



Technical Specifications

Model	06NA2250S7NA-A00
Nominal Power	100 HP
Refrigerant Type	R134a
Displacement (60/50Hz)	250CFM/347m³/h
Economizer	N
Rated Voltage (V-Hz, A)	460V-60Hz-166.1A 400V-50Hz-160.7A
Weight	405 kg

Type	Displacement	Interface Size			Compressor	Economizer	Horse Power (HP)	Rated Voltage (V-Hz, A)			Locked Rotor Current (A)		Weight (KG)
	60/50Hz	Suction	Discharge	Economizer	Model Number	Y / N		Voltage/Freq	RLA	PF	LRA(Y)	LRA(Δ)	
Air Cooled Vt	250CFM 347m³/s	2-5/8	4-1/8	1-3/8	06NA*250S7NA	N	100	460-60	166.1	0.87	291	920	405
					06NA*250T6NA			400-50	160.7	0.84	303	960	
					06NA*250U5NA			575-60	132.9	0.87	233	736	
					06NA*250W7NA			230-50	279.4	0.84	485	1533	
					06NA*250X7NA			380-60	201	0.87	321	1017	
					06NA*250Z6NA			346-50	185.7	0.84	334	1056	
					06NA*250Z7NA			208/230-60	348.9	0.87	581	1840	
					06NA*250Z8NA			200-50	321.3	0.84	607	1920	
					06NA*250Z9NA			200-60	382	0.87	669	2116	

Company Introduction

Ruifujie is a modern industrial refrigeration supplier with over 20 years of manufacturing expertise, specializing in high-performance scroll, piston, rotary, semi-hermetic, and screw compressors, as well as complete cold room systems and ice machinery. We offer comprehensive OEM/ODM customization options to adapt equipment to localized voltage standards and regional engineering demands. Our machinery is exported worldwide to major international markets including South Korea, Egypt, and Colombia, earning trusted long-term partnerships with global contractors and equipment distributors.



Frequently Asked Questions

Q1: What are the exact displacement figures and port dimensions for the 06NA2250S7NA-A00?

A1: The 06NA2250S7NA-A00 model yields a displacement of 347 m³/h at 50Hz (250 CFM at 60Hz), featuring a 2-5/8 in suction port and a 4-1/8 in discharge port.

Q2: Does this 100HP screw compressor model include an economizer port connection?

A2: No, the 06NA2250S7NA-A00 is the standard non-economizer version designed specifically for direct-expansion air-cooled liquid chillers.

Q3: What internal protective features are built into this screw compressor frame?

A3: The unit includes an internal check valve against reverse rotation, an internal safety relief valve, a built-in oil filter, a discharge muffler, and NTC thermistor thermal sensors.

Q4: What is the standard delivery lead time for bulk volume orders?

A4: Standard bulk production orders are completed and prepared for dispatch within 10 to 15 working days, while stocked units can be shipped within 3 business days.

Q5: How is this heavy compressor unit packaged for export shipping?

A5: Each compressor is securely bolted onto a reinforced wooden pallet, wrapped in moisture-proof anti-corrosion film, and fully enclosed in a heavy-duty export plywood crate.

Access Custom Configuration Service

As an adaptable cooling equipment manufacturer, Ruifujie provides full OEM customization to modify electrical voltages, housing materials, and brand nameplates for global markets. We customize every unit to match your regional installation environment and specific technical demands seamlessly. Share your custom design preferences and projected purchase volume today to get a tailored proposal within 8 hours.

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