

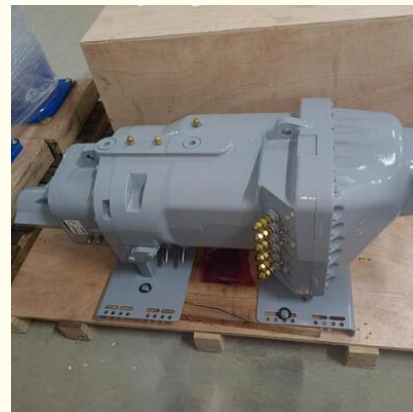


06TUA483 225HP High Output Refrigeration Screw Compressor for Rooftop Condensing Unit

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Carlyle/Carrier
- Certification: CE
- Model Number: 06TUA483
- 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

- Compressor Type: Air Cooled
- Refrigerant: R134a/R22/R404A/R407C/R507/R448A/R449A
- Displacement 60/50Hz: 809 / 670 M3/hr
- Application: HVAC, Cooling Units, Cold Room
- Horse Power: 225HP
- Highlight: 120HP water-cooled screw compressor, HVAC refrigeration screw compressor, water-cooled screw air compressor



More Images



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Product Description

06TUA483 225HP High Output Refrigeration Screw Compressor for Rooftop Condensing Unit

Product Overview

The 06TUA483 refrigeration screw compressor is an industrial-class cooling engine engineered for massive air-cooled chillers, central commercial HVAC plants, and large industrial process refrigeration systems operating on R134a.

Key Features

- Ultra-High Volumetric Capacity:** 225 HP rated output with displacement up to 809 m³/hr (483 cfm at 60Hz) for extreme thermal heat removal and rapid pull-down performance
- Stepless Capacity Modulation:** 25%-100% stepless capacity regulation with high-flow 1-5/8 inch economizer loop connection
- Heavy-Duty Mechanical Build:** Robust 5-inch suction and 4-1/8-inch discharge flange connections with SKF/NSK anti-friction rolling bearings
- Advanced Protection:** Heat-resistant motor windings with NTC thermal sensors and built-in check/safety valves

Standard & Optional Accessories

- Standard:** Terminal box, oil system components, motor protection device, capacity control device, stop valve
- Optional:** Paragon control module / Kriwan protection module, oil separator, flanges, economizer, oil cooler, high-temperature expansion valve

Product Image



Technical Specifications

Model	06TUA483
Nominal Power	225HP
Refrigerant Type	R134a
Displacement (60/50Hz)	483 / 403 cfm 809 / 670 m3/hr

Capacity Control	Stepless Adjustment 25-100%
Economizer	Y
Voltage (V,A)	06TUA483SW1D: 460V-3-60Hz-314A, 400V-3-50Hz-303A 06TUA483XW1D: 230V-3-60Hz-628A, 200V-3-50Hz-576A
Weight	915kg

R134a Air Cooled With Economizer													
Model	Displacement 60/50Hz	Interface Size (inch)			Capacity Control	Voltage/Hz (±10%)	Rated HP	Rated Power (kW)	RLA (A)	Max Current (A)	LRA (A)		Weight (KG)
		Suction	Discharge	Economizer							Y	Δ	
06TUA483SW1D	483 / 403 cfm	5	4-1/8	1-5/8	Stepless Adjustment 25-100%	460V-3-60Hz	225	168	314	382	578	1800	915
	400V-3-50Hz					140		303	369	587	1828		
06TUA483XW1D	809 / 670 m3/hr					230V-3-60Hz		168	628	765	1156	3600	
	200V-3-50Hz					140		576	701	1174	3656		
06TUA554SW1D	554 / 462 cfm					460V-3-60Hz	168	360	438	578	1800	956	
	400V-3-50Hz					140	347	422	587	1828			
	928 / 769 m3/hr					230V-3-60Hz	168	720	877	1156	3600		
06TUA554XW1D						200V-3-50Hz	140	660	803	1174	3656		

Company Profile

Drawing upon over 20 years of technical expertise in industrial cooling systems, Ruifujie operates as a modernized enterprise producing premium scroll, piston, rotary, semi-hermetic, and twin-screw compressors, alongside cold room evaporators, quick-freezing equipment, and industrial ice machinery.

We offer full OEM/ODM engineering customization tailored to international project standards. Ruifujie products are exported across worldwide markets, serving engineering clients in Russia, the United States, the United Kingdom, Saudi Arabia, the UAE, and other regions.



Frequently Asked Questions

What industrial installations are best suited for the 06TUA483 compressor?

The 06TUA483 is engineered for large air-cooled water chillers, central HVAC systems, and heavy-duty industrial process liquid chillers operating on R134a refrigerant.

How does the 1-5/8 inch economizer connection improve system cooling performance?

The large-capacity economizer port subcools liquid refrigerant before entering the main expansion valve, boosting total refrigeration capacity and COP without increasing motor electrical load.

What electrical grid configurations are supported by the 06TUA483 model?

It supports multi-voltage setups including 460V/230V at 60Hz and 400V/200V at 50Hz, providing broad compatibility across regional power grids.

Does Ruifujie support customized branding and nameplates for export orders?

Ruifujie supports full OEM customization, including multi-language metal nameplates and customized brand logos.

What trade delivery terms and transaction currencies apply to international orders?

Transactions are executed under FOB Shenzhen or EXW terms, settled in USD.

Industrial System Solution Support

As an established manufacturer and exporter of commercial cooling equipment, Ruifujie provides factory-direct wholesale pricing, tailored technical selection guidance, and full OEM customization for every refrigeration screw compressor.

Submit your required cooling capacity, operating voltage, project parameters, or batch quantity today, and our sales engineering team will deliver a comprehensive proposal within 8 hours.

 **Shenzhen Coolstart Refrigeration Equipment Co., Ltd**



86-13922880636



info@coolstartcn.com



coldroomunit.com

Room 1801, Building 1, Kangli city, No. 66 Pingji Road, Longgang District, Shenzhen, Guangdong, China