



06TTA266 Air-Cooled Cold Room Semi Hermetic Screw Compressor

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Carlyle/Carrier
- Certification: CE
- Model Number: 06TTA266
- 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

- Refrigerant: R134a/R22/R404A/R407C/R507/R448A/R449A
- Horse Power: 120HP
- Compressor Type: Air Cooled
- Application: HVAC, Cooling Units, Cold Room
- Displacement 60/50Hz: 446/369 M3/hr
- Highlight: **air-cooled screw compressor, semi hermetic screw compressor, cold room screw compressor**



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Product Description

06TTA266 Air-Cooled Cold Room Semi Hermetic Screw Compressor

Product Overview

High-Capacity R134a Cooling Performance

The 06TTA266 semi hermetic screw compressor is an industrial-duty power unit built for commercial air-cooled chillers, large HVAC plants, and process cooling operations. Engineered with a nominal 120 HP rating and high volumetric displacement reaching up to 446 m³/hr (266 cfm at 60Hz), this semi hermetic screw compressor delivers high thermal efficiency, rapid system pull-down, and stable operating temperatures under demanding B2B application environments.

Stepless Capacity Modulation for Load Optimization

Industrial plant engineers frequently experience excessive electrical power consumption and system instability during fluctuating cooling loads. The 06TTA266 addresses these operational pain points through 25%-100% stepless capacity modulation and economizer circuit integration, enabling smooth adjustment to real-time cooling demands while minimizing motor start-stop stress and reducing part-load utility costs.

Heavy-Duty Bearing Architecture & Built-In Protection

Featuring heavy-duty SKF/NSK anti-friction rolling bearings, high-efficiency motor windings with integrated NTC thermal sensors, and an internal check/safety valve arrangement, this semi hermetic screw compressor ensures zero-leakage reliability, superior mechanical wear resistance, and extended operational longevity across harsh environmental conditions.

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	06TTA266
Nominal Power	120 HP
Refrigerant Type	R134a
Displacement (60/50Hz)	266 / 221 cfm 446 / 369 m³/hr

Capacity Control	Stepless Adjustment 25-100%
Economizer	Y
Voltage (V,A)	06TTA266SP1D 460V-3-60Hz-165A 400V-3-50Hz-159A 06TTA266XP1D 230V-3-60Hz-330A 200V-3-50Hz-303A
Weight	613kg

Company Introduction

With over 20 years of technical expertise in industrial cooling technology, Ruifujie operates as a modern manufacturing enterprise offering specialized scroll, reciprocating, rotary, semi-hermetic, and twin-screw compressors, along with air coolers, blast freezers, and ice machines. We provide complete OEM/ODM technical solutions designed for diverse international projects. Ruifujie products are exported across the globe, serving commercial engineering partners in Russia, the United States, the United Kingdom, the UAE, Saudi Arabia, and other key markets. Combining manufacturing reliability with competitive factory pricing, Ruifujie has earned lasting recognition among international refrigeration contractors.



Frequently Asked Questions

Q1: What refrigeration applications are recommended for the 06TTA266 screw compressor?

A1: The 06TTA266 semi-hermetic compressor is specifically engineered for high-capacity air-cooled chillers, commercial HVAC air conditioning systems, and industrial liquid chilling equipment operating with R134a refrigerant.

Q2: How does the economizer connection benefit system operating performance?

A2: The built-in 1-3/8 inch economizer port allows liquid refrigerant subcooling, boosting total cooling capacity and coefficient of performance (COP) without increasing electrical motor workload.

Q3: Can the 06TTA266 compressor run under variable power grid specifications?

A3: Yes, the 06TTA266 supports multiple voltage and frequency configurations, including 460V/230V at 60Hz and 400V/200V at 50Hz, ensuring flexible compatibility with global electrical supplies.

Q4: Does Ruifujie support OEM custom branding for compressor orders?

A4: Yes, Ruifujie supports full OEM customization, including multi-language metal nameplates and customized brand logos according to client requirements.

Q5: What specific information is required to receive an official price quotation?

A5: Quotations are issued within 8 hours upon receiving detailed system parameters, including cooling capacity, operating voltage, refrigerant type, and working conditions.

Technical Selection Support

As a global supplier and manufacturer of commercial refrigeration machinery, Ruifujie offers expert technical selection guidance, factory-direct pricing, and OEM support for every semi hermetic screw compressor. Submit your required cooling capacity, operating voltage, refrigerant standard, or order quantity today, and our technical sales team will deliver a comprehensive project proposal within 8 hours.

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



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