

Rotary Vane Air Compressor

This rotary vane air compressor combines the advantages of piston and scroll compressors. The unit has a simple structure, slight vibration, and smooth operation, with an efficiency 15% higher than average piston models, ensuring long life and high reliability.



Overview

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This rotary vane air compressor combines the mechanical advantages of piston and scroll systems to provide a streamlined, highly reliable solution for industrial needs. Engineered with fewer moving parts and a simplified structure, it operates with minimal vibration and superior smoothness. These units offer a 15% increase in efficiency compared to standard piston compressors, ensuring long-term durability and cost-effective performance.

Technical Specifications

Performance Comparison

15 %
Efficiency Gain

Design Geometry

- Round component geometry
- Flat component geometry
- Simplified part count
- Stable base mounting

Key Advantages

High Reliability, Low Vibration, Smooth Operation, Increased Efficiency