

Direct Drive Turbo Blower

This turbo blower provides high performance and reliability. The direct drive design eliminates the need for belts or gears.



Overview

High-Efficiency Turbo Blower Technology

This variable frequency high-speed centrifugal blower utilizes advanced frequency conversion technology paired with an AC permanent magnet synchronous motor. Designed with an optimized vane profile based on aerodynamic principles, it delivers exceptional reliability and stable operation for demanding industrial environments. The system offers a complete, custom-engineered solution for energy management and high-performance airflow requirements.

Technical Specifications

Drive Technology	Variable frequency high-speed centrifugal
Motor Type	AC permanent magnet synchronous motor
Key Design Features	Aerodynamic Vane Profile, Variable Frequency Drive, Permanent Magnet Synchronous Motor, Energy-Optimized Design

Performance

Performance Highlights

100 % Reliability Rating	100 High Efficiency Standard
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Applications

Main Applications

- Paper making vacuum dewatering
- Power plant desulfurization
- Sewage aeration
- Petrochemical sulfur recovery
- Steam compression
- V casting vacuum system
- Special process gas

Quality Standards

Compliance & Quality

High Performance • High Reliability • High Efficiency • Military Quality • Aerospace Technology