



SALES SHEET | PRODUCT HIGHLIGHT

INDUSTRIAL EXHAUSTER

SERIES 05 & 05F

The Hartzell Series 05 Industrial Exhausters are designed to meet industrial air moving and pneumatic conveying requirements. Heavy industrial duty construction – designed with ruggedness, long life, reliability, and performance taken together. These versatile and dependable units are suited for material conveying, dust and fume removal, and handling of hot air and industrial gases. The Series 05F Flange-Mounted Industrial Exhauster is a compact, direct drive fan for mounting directly to a dust collector or other applications at higher pressures requiring performance up to 50,000 CFM and pressures to 50" s.p., and temperatures to 800°F.

THE BOLD DIFFERENCE:

BUILT LIKE A TANK

- All welded construction
- Oversized shaft and bearings to withstand wheel buildup and vibration
- Heavy structural housing supports on larger sizes

HIGH END DESIGN

- AMCA Certified for Air Performance
- Multiple wheels types available, individually performance tested
- Blade stresses confirmed through strain gage testing

NO HASSLE MAINTENANCE

- Lubrication lines extended to outside the motor base
- Field rotatable housings on most sizes
- Trim handling options available

CLAIMS COMPETITORS CANNOT MAKE:

Multiple wheel types available

ABS Certified

**GOOD
ENOUGH
NEVER IS™**

At Hartzell, these are words we live by. You expect the most reliable and durable industrial air movement products available, so we hold ourselves to a higher standard.

Made in the USA

SPECIFICATIONS:

Size	12" - 57"
Material	Steel, 304SS, 316SS, Aluminum
Pressure Range	25" - 50" s.p.

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Markets

The Hartzell Industrial Exhauster Fans are designed for a wide range of industry applications:



Chemical



Energy



Food Processing



Heavy Industry



Transportation



Pulp and Paper

FEATURES

SERIES 05

Bearings — Fan Bearings are heavy-duty, self-aligning, shielded and mechanically sealed, ball or roller type, in cast iron or malleable pillow block housings. Bearings are selected for minimum L-50 Life of 250,000 hours at maximum catalog speed, horsepower, and static pressure. Lubrication fittings are extended as standard for easy relubrication.

Standard Construction — Heavy gauge hot rolled steel are standard construction. Housings are continuously welded and bearing base/motor pedestal is constructed of hot rolled steel and structural steel.

Wheels — Type AH – air handling wheel for light dust loading. Type MH – material handling wheel for materials conveying. Type PW – paddle wheel for extreme dust and aggregate loading. Type TH – trim handling wheel for trim and long materials. Type PR - Reinforced paddle wheel for particle laden air, sawdust, granular material, and gases at higher pressures than the Type PW Wheel.

SERIES 05F

Standard Construction — Motor pedestal and continuously welded housings built of heavy gauge hot rolled steel are standard construction.

Wheels — Electronically statically and dynamically balanced to the requirements of Fan Application Category BV-3 of AMCA ANSI Std. 204-96.

COMMON FEATURES

Performance & Efficiency — Total efficiencies to 72%. Operates smoothly from free air to near block off without pulsation or vibration.

Motor Out of the Airstream — Exterior motor mounting for easy electrical connection and lubrication of motor is standard.



Performance Guarantee

You have high expectations. So does Hartzell Air Movement. We know you demand the most reliable and durable industrial air movement products available, so we're holding ourselves to a higher standard. We're so sure that our products will out-perform industry standards, we're backing that promise with the industry's first five-year warranty.

Design Services

Hartzell offers designs and engineering support to custom design products to meet your specific applications.

Contact your Hartzell Air Movement representative to learn more about the Industrial Exhauster Fan

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