



SALES SHEET | PRODUCT HIGHLIGHT

STEEL IN-LINE CENTRIFUGAL FAN

SERIES 04

Hartzell Series 04 Steel In-Line Centrifugal Fan offers non-overloading, high efficiency, low noise, and economy for clean air applications at medium to high pressures. It combines the design advantages of the axial flow fan with the performance characteristics of the centrifugal fan. The tubular centrifugal, or in-line fan, offers straight airflow for duct installations with the proven, highly efficient, backward curved or airfoil-bladed wheel in a vane-equipped housing. This design saves space as compared to the traditional scroll-type centrifugal housing by incorporating a tubular housing.

THE BOLD DIFFERENCE:

BUILT LIKE A TANK

- All welded construction
- Bearing selections take into account all mounting orientations
- Heavy flanges with pre-punched mounting holes

HIGH END DESIGN

- Internal guide vanes straighten the air and provide structural support
- Both backward curved and airfoil-bladed wheels available
- Performance tested in an AMCA Accredited laboratory

NO HASSLE MAINTENANCE

- Lubrication lines extended to the outside of the motor base
- Belt tension adjusted using a riser bolt system
- Can be installed in any orientation

CLAIMS COMPETITORS CANNOT MAKE:

Available through Class III Performance

Airfoil-bladed wheels available

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" - 49" |
| Material | Steel, 304SS, 316SS, Aluminum |
| Pressure Range | up to 14" s.p. |

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Markets

The Hartzell Steel In-Line Centrifugal Fan is designed for a wide range of industry applications:



Chemical



Food Processing



Heavy Industry



Transportation



Pulp and Paper

FEATURES

Type BC or BA Wheel — High efficiency design with tapered inlet side design efficiently moves large volumes of air at high pressures. Wheel has non-overloading horsepower characteristic curve. Split taper bushings are utilized as standard to provide secure attachment to the shaft and easy removal for maintenance.

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

Bearings — Heavy duty ball or roller type, in cast iron housings, selected for minimum L-50 Life of 250,000 hours for horizontal fans, and include extended lubrication fittings as standard.

Motor Out of the Airstream — Exterior mounting on fully adjustable platform style motor base supported by external housing assembly base.



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 Steel In-Line Centrifugal Fan

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