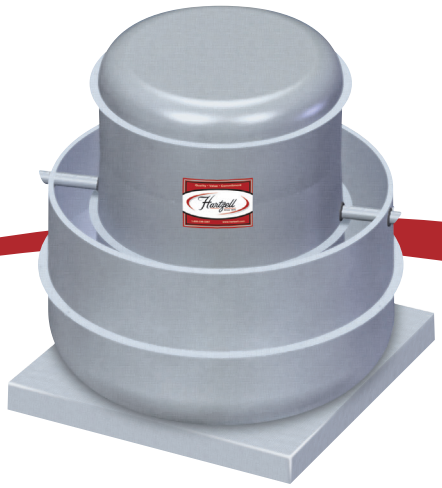
Hartzell Since 1875

AIR MOVEMENT



SALES SHEET | PRODUCT HIGHLIGHT

FIBERGLASS CENTRIFUGAL EXHAUSTERS

SERIES 82, 83, 87, & 88

Hartzel Fiberglass Centrifugal Exhausters provide a low profile root or wall exhaust solution in both downblast and upblast configurations. They provide a major advantage for general ventilation applications where concentrations of corrosive elements exceed the limits of standard fans. The fiberglass construction is not only resistant to corrosive elements, but also provides additional advantages such as weight, high strength to weight ration and dimensional stability.

THE BOLD DIFFERENCE:

BUILT LIKE A TANK

- ☐ Derakane 510 resin provides industry leading corrosion resistance and toughness
- ☐ L-10 bearing life of a minimum 50,000 hours
- ☐ Oversized shaft and bearings on belt drive units

HIGH END DESIGN

- ☐ Corrosion resistant fiberglass components made with the vinyl ester resin
- ☐ Many of the housing components are die formed, providing consistent performance
- ☐ UV resistant housings are standard and require no painting

NO HASSLE MAINTENANCE

- ☐ Extended lubrication lines provide easy access for bearing lubrication
- ☐ Curb mount provides access above the roof
- ☐ All components accessible through weather covers

SPECIFICATIONS:

Sizes	12” - 40”
Material	Fiberglass
Pressure Range	up to 3” sp
Performance	3,200 - 22,000 CFM

CLAIMS COMPETITORS CANNOT MAKE:

The only one-piece molded wheel in the industry

L-10 bearing life of a minimum 50,000 hours

GOOD ENOUGH NEVER IS™

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

Made in the USA

1-800-336-3267
INFO@HARTZELL.COM

HARTZELLAIRMOVEMENT.COM

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PIQUA, OH 45356

Markets

The Hartzell Fiberglass Centrifugal Exhausters are designed for a wide range of industry applications:

Chemical | Energy | Food Processing | Water and Wastewater

FEATURES

Fiberglass (FRP) Construction - Standard fiberglass components are made of solid fiberglass consisting of corrosion resistant vinylester resin and glass fibers. All nuts, bolts and fasteners in contact with the airstream are stainless steel and encapsulated with a minimum of 10-mil of resin and glass fibers. Resin has a Class I flame spread rate of 25 or less. External fiberglass housing surfaces are protected with a minimum 10-mil UV resistant resin coating. See corrosion resistance guide in Hartzell's Fan Engineering Data guide for resin characteristics. Other resins are available.

Type FE Wheel - One-piece solid fiberglass airfoil construction and produced using resin transfer mold process. Electronically balanced on unit at operating speed. Airfoil wheel with inlet cone and aerodynamically designed housing produces high efficiencies with non-overloading horsepower, and low noise.

AMCA Certified - Sound & Air Performance

Temperature — Suitable for temperatures up to 125°F.

Applications — Examples include paint and chemical storage facilities, gas transmission, pump houses, battery charging facilities and wastewater/odor control pumping stations.

SERIES 82 - DIRECT DRIVE
SERIES 83 - BELT DRIVE

Type — Downblast Exhauster

Mount — Roof or wall

SERIES 87 - DIRECT DRIVE
SERIES 88 - BELT DRIVE

Type — Upblast Exhauster

Mount — Roof or wall

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 Fiberglass Centrifugal Exhausters

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