Hartzell Since 1875

AIR MOVEMENT

SALES SHEET | PRODUCT HIGHLIGHT

FIBERGLASS RADIAL CENTRIFUGAL BLOWERS

SERIES 42 & 43

The Fiberglass Radial Blower is particularly suited for lab hood installations. It is available in direct or belt drive in SWSI (single width single inlet) only. The direct drive blower moves air at static pressures up to 12". The belt drive blower is a versatile blower designed to move air at static pressures up to 16".

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
- ☐ Heavy-duty housing is extremely durable and highly resistant to impact

NO HASSLE MAINTENANCE

- ☐ Extended lubrication lines provide easy access for bearing lubrication
- ☐ Belt drive units feature oversized oil, heat and static resistant V-belts for continuous duty
- ☐ UV resistant housings are standard and require no painting

SPECIFICATIONS:

Size	10"-33"
Material	Fiberglass
Pressure Range	0-16" sp
Performance	100 to 11,400 CFM at free air

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
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Markets

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

Chemical | Energy | Food Processing | Heavy Industry | Pulp and Paper | Water and Wastewater

GENERAL FEATURES

Fiberglass (FRP) Construction - Standard fiberglass components are made of solid fiberglass consisting of corrosion resistant vinylester resin and glass fibers. Hartzell uses Derakane 510B for fan housings and Derakane 510A for the wheels. 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 F Wheel - One-piece solid fiberglass construction and produced using resin transfer mold process. Flat blade radial design. Electronically balanced on unit at operating speed.

AMCA Certified - Air Performance

SERIES 42

Sizes — 10" - 14"

Performance — 100 CFM to 2,000 CFM at 2" S.P.

Temperature — Suitable for temperatures up to 200°F.

SERIES 43

Sizes — 16" - 33"

Performance — 950 CFM to 14,600 CFM at 8" S.P.

Temperature — Suitable for temperatures up to 250°F.

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 Radial Centrifugal Blowers

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