



AIR MOVEMENT



SALES SHEET | PRODUCT HIGHLIGHT

FIBERGLASS PANEL FAN

SERIES 59

Hartzell's Fiberglass Direct Drive Wall Ventilators utilize a high efficiency, one-piece, solid-fiberglass, airfoil-type propeller produced in an RTM mold. The fan housing incorporates the Hartzell Air Seal, which allows the orifice ring to overlap the propeller tips. This practically eliminates backflow of air and increases efficiency by 10% or more.

THE BOLD DIFFERENCE:

BUILT LIKE A TANK

- Toughest housings and propellers in the industry
- Solid fiberglass motor mounting base maximizes strength and minimizes airflow restrictions
- Totally enclosed mill and chemical duty motors

HIGH END DESIGN

- Hartzell's Air Seal allows the orifice ring to overlap the propeller tip
- Solid fiberglass fan housing with venturi orifice for optimal efficiency
- Corrosion resistant fiberglass components made with the vinyl ester resin

NO HASSLE MAINTENANCE

- Motor lubrication is the only required maintenance
- Propellers held to the motor shaft with setscrews and keyway
- Fan can be mounted external or internal to the building wall, for easy access

SPECIFICATIONS:

Size	12" - 60"
Material	Fiberglass
Pressure Range	0-.5" sp
Performance	800 to 56,000 CFM at free air

CLAIMS COMPETITORS CANNOT MAKE:

Solid one-piece molded propellers

Exclusive air seal design

QUALITY AT EVERY TURN

Hartzell exceeds the standard in the air movement industry, committed to delivering top-quality, reliable products. Our relationship with our customers, and our knowledgeable, inventive, flexible and hardworking employees are the reasons we've continued and thrived, right here in the USA, for six generations.

Made in the USA

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Markets

The Hartzell Fiberglass Panel Fan is designed for a wide range of industry applications:



Chemical



Energy



Heavy Industry



Pulp and Paper



Water and Wastewater

FEATURES

Temperature — Suitable for temperatures up to 180°F (specially insulated motors required above 104°F).

Application — Ventilation of rooms with mildly corrosive atmospheres.

Fiberglass (FRP) Construction — Standard fiberglass components are made of solid molded fiberglass consisting of corrosion resistant vinyl ester resin and glass fibers. All airstream hardware in contact with the airstream are stainless steel and encapsulated with fiberglass. 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.

Propellers — Solid one-piece molded fiberglass construction, dynamically balanced on the unit at operating speed to ensure vibration free operation – Sizes 12” to 60”

Fan Housing — One piece molded fiberglass fan housing with solid fiberglass motor support base. Fan housing includes venturi orifice to increase efficiency and seal propeller tips.

Motor Mounting Base — Fabricated of solid fiberglass, designed to maximize strength and minimize restrictions of air flow.

Motors — Totally enclosed mill and chem motors are standard.

Hardware — Stainless Steel motor mounting duty hardware.



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.

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