



SALES SHEET | PRODUCT HIGHLIGHT

## FIBERGLASS DUCT FAN

DIRECT OR BELT DRIVE - SERIES 28, 34, & 35

Hartzell's Fiberglass Duct Fans are engineered to be installed in duct systems for process ventilation applications in corrosive environments. The Fiberglass Belt Drive Duct Fan is engineered for applications where the nature of the corrosive airstream warrants isolation of the motor and drive assembly from the airstream.

### THE BOLD DIFFERENCE:

#### BUILT LIKE A TANK

- Toughest housings and propellers in the industry
- 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
- Highly efficient fiberglass airfoil bladed propeller
- Heavy-duty housing is extremely durable and highly resistant to impact

#### NO HASSLE MAINTENANCE

- Extended lubrication tubes and grease fittings are standard
- Easy access to all components with gasketed bearing/shaft covers
- UV resistant housing are standard and require no painting

### CLAIMS COMPETITORS CANNOT MAKE:

Solid one-piece molded propellers

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

### SPECIFICATIONS:

Size	12" - 60"
Material	Fiberglass
Pressure Range	0-1.25" sp
Performance	1,200 to 65,000 CFM at free air

1-800-336-3267

INFO@HARTZELL.COM

HARTZELLAIRMOVEMENT.COM

910 S DOWNING ST,  
PIQUA, OH 45356



## Markets

*The Hartzell Fiberglass Duct Fans are designed for a wide range of industry applications:*



Chemical



Heavy Industry



Pulp and Paper



Water and  
Wastewater

### GENERAL FEATURES

**Fiberglass (FRP) Construction** — Standard fiberglass components are made of solid molded fiberglass consisting of corrosion resistant vinyl ester resin and glass fibers. All nuts, bolts and fasteners 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.

**Temperature** — Suitable for temperatures up to 200°F for belt drive units and 104°F for direct drive units.

**Propellers** — Solid one-piece molded fiberglass construction, electronically balanced on the unit at the operating speed to ensure vibration free operation.  
– Sizes 12” to 60” with adjustable blade options for sizes 54” & 60”

### FEATURES

#### SERIES 28 - DIRECT DRIVE:

**Motor** — Mill/Chem duty motor is standard. Other motors are available upon request.

**AMCA Certified** — Sound & Air performance.

#### SERIES 34 & 35 - BELT DRIVE:

**Motor** — Motors are exterior mounted, out of the airstream. The propeller shaft rotates in two heavy-duty bearings mounted on fiberglass supports taped to the inner shell. Totally enclosed fan cooled motors are standard. Special motors are available upon request.

**V-Belt Drives** — Over-sized for long life and continuous duty. Variable pitch drives are standard on units up to and including 10 HP. Variable pitch drives can be furnished on higher horse-power units upon request. Belts are oil, heat and static-resistant type.



### 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 Duct Fan

1-800-336-3267  
info@hartzell.com

**Hartzell Air Movement**  
910 S. Downing St.  
Piqua, OH 45356  
hartzellairmovement.com