



SALES SHEET | PRODUCT HIGHLIGHT

## CENTRIFUGAL PLUG FAN

### SERIES 12

Circulate air more efficiently in ovens, paint booths, evaporators, kilns and other industrial drying applications with the Hartzell Series 12 Plug Fan. This unoused centrifugal plug fan incorporates Hartzell's tested and proven "PL" wheel, featuring heavy-duty, single-thickness airfoil blades. Designed for plenum installation the propeller tips.

### THE BOLD DIFFERENCE:

#### BUILT LIKE A TANK

- Oversized oil, heat, and static-resistant belts for continuous duty
- High-temperature construction in three standard ranges up to 800°F
- Industrial-grade, power coat enamel finish standard

#### HIGH END DESIGN

- Able to match your mounting panel, plug size and mounting holes
- No waiting for plug fan drawings
- Drops directly into your existing design drawings

#### NO HASSLE MAINTENANCE

- Easily replaces competitive models; no lost changeover time or costs
- Motors and drives are located outside of the airstream
- Self-contained mounting panel

### CLAIMS COMPETITORS CANNOT MAKE:

Highest efficiencies over a broad operating range

Can match all mounting bolt patterns

## 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" - 36"
Material	Steel, 304SS, 316SS, Aluminum
Pressure Range	up to 12" s.p.

1-800-336-3267

INFO@HARTZELL.COM

HARTZELLAIRMOVEMENT.COM

910 S DOWNING ST,  
PIQUA, OH 45356



## Markets

*The Hartzell Centrifugal Plug Fans are designed for a wide range of industry applications:*



**Chemical**



**Energy**



**Food Processing**



**Heavy Industry**



**Transportation**



**Pulp and Paper**

## FEATURES

**Performance** — Up to 50,000 CFM; static pressure up to 12" W.G.

**Arrangements** — Series 12 Plug Fans are available in arrangement 4 or 9, with or without motor and drives.

**Temperature** — Three standard temperature ranges: up to 300°F, 300-450°F, 450-800°F. Higher temperature ranges up to 1,000°F also available; please consult the factory. Maximum operating temperature for arrangement 4 is 200°F.

**Coating** — Hartzell standard powder coat and high-temperature powder coat.

**Sizes** — 12" through 36" wheel diameters.

**Construction Class** — Class I, II, and III constructions are available at standard conditions. For Class IV construction, please consult the factory.

**Wheel Design** — Type PL wheels have single-thickness airfoil blades. The heavy-duty steel construction is reinforced, depending on size and class of construction. The wheel's inlet cone is tapered spun orifice. The inlet cone is to be overlapped by the wheel's inlet rim with closely held tolerances to ensure maximum performance and efficiency.

**Rotation** — Clockwise or counterclockwise rotations are available.

**Motors** — Standard motors are totally enclosed fan cooled. Other motors are available; please consult the factory.



### 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 Centrifugal Plug Fans

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

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