



YOUR BRAND REPUTATION IS ON THE LINE.

YOUR END PRODUCTS ARE ONLY AS GOOD AS THE COMPONENTS THAT GO INTO THEM.

The Hartzell Series 12 Plug Fan provides the quality, durability and air movement performance you demand — and should expect — from your partner.

World-class OEM manufacturers, large and small, have partnered with Hartzell Air Movement for decades. They understand that their businesses rely on partners who share their commitment to design, engineer and manufacture only the best products. And that's why they choose Hartzell. And now, Hartzell offers OEMs the newest technology in plug fans with our Series 12 product line.

Flexible Design/Seamless Switchover

- Able to match your mounting panel, plug size and mounting holes
- We'll do what others won't/can't; willingness and capability to fully design-engineer a custom solution to fit your specific application
- Easily replaces competitive models; no lost change-over time or costs

CAD Drawings

- No waiting for plug fan drawings
- Build online via Hartzell's proprietary FLOW[®] software
- Drops directly into your existing design drawings

Next Generation Design Consultation

- Air movement engineering and application expertise at your service
- Proactive recommendations to improve *your* products
- An extension of your design and engineering teams

Delivery Commitment

- On time. Every time.
- Shared sense of urgency
- Experienced production and delivery planning fit to your schedule

Unsurpassed Service

- No-questions-asked service philosophy
- Immediate response
- Nationwide network of authorized sales reps

Good Enough Never Is[™]

Hartzell Air Movement is the industrial fan manufacturer that produces high-quality, efficient and innovative air movement solutions for a wide variety of tough and demanding industries and applications. We're the choice for discerning customers, who know when it comes to industrial air movement, Good Enough Never Is.

Customers choose Hartzell for our:

- Durability and high performance
- Leadership in performance testing
- Advanced engineering and manufacturing processes
- Innovative and flexible design
- Prompt, no-questions-asked service and support
- Trusted brand name
- Five-year warranty





Markets

The Hartzell Series 12 Plug Fan is designed for a wide range of industry applications:



Energy



Food Processing



Heavy Industry



Pulp and Paper



Chemical



Transportation

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 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

Spark-Resistant Construction — AMCA Type A, B and C are available. Explosion-proof motors are also available.

Material Types — Construction available in steel, SS304, SS316 and aluminum (air stream only)

Plug Panel — Industrial standard mounting panel (For non-standard mounting panel, please consult factory)

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

Standard Construction — Hartzell Series 12 Plug Fans incorporate heavy-duty construction, designed for industrial service with ruggedness, use, long life, reliability and performance taken into account. Heavy-duty steel, welded and finished with an industrial powder coating, provides a durable and reliable finish.

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 Air Movement offers design and engineering support to custom design products to meet your specific applications.

Contact your Hartzell Air Movement representative to learn more about the Series 12 Plug Fan.

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