



SALES SHEET | PRODUCT HIGHLIGHT

## PANEL FANS

**STANDARD AND REVERSE FLOW - SERIES 02 & 09**

Hartzell's Panel Fans are rugged and versatile. These fans are ideal for general ventilation, smoke and fume removal, cooling, air supply or exhaust applications. All AMCA Certified for Air Performance, each unit is designed for quiet operation. The heavy-duty, solid-steel panel and frame are designed to be easily mounted directly into a roughed-in wall opening (vertically or horizontally) or used with a wide variety of Hartzell mounting accessories. The propeller is mounted in a high-efficiency air seal orifice with the smaller diameter of the ring overlapping

### THE BOLD DIFFERENCE:

#### BUILT LIKE A TANK

- Heavy gauge motor base support struts
- Spun orifice panel for increased rigidity
- All welded construction

#### HIGH END DESIGN

- Support struts computer designed to avoid all resonant frequencies
- Exclusive air seal design
- Over-sized shaft and bearings on belt drive

#### NO HASSLE MAINTENANCE

- Direct drive units only require motor lubrication
- Sliding the motor sideways easily tightens the belts
- Unit stiffness minimizes vibration, keeping hardware tight on belt driving units sliding

### CLAIMS COMPETITORS CANNOT MAKE:

Series 02 Available from Rapid Ship Program

AMCA Certified for Air Performance

**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	Steel, 304SS, 316SS, Aluminum
Pressure Range	0-1.5" sp

1-800-336-3267

INFO@HARTZELL.COM

HARTZELLAIRMOVEMENT.COM

910 S DOWNING ST,  
PIQUA, OH 45356



## Markets

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



Chemical



Energy



Food Processing



Heavy Industry



Transportation



Pulp and Paper



Water and Wastewater

## FEATURES

**Air Seal Fan Orifice** — Propeller tips overlap the orifice, increasing the performance.

**Motor Support Structure** — All welded, computer designed and tested to avoid resonant frequencies.

**Totally Enclosed, Fan Cooled Motors** — Name brand industrial duty motors are provided.

**Pillow Block Ball Bearings** — Belt drive unit bearings are deep-row radial ball or roller type, self-aligning, shielded and mechanically sealed in cast iron or malleable housings. Long inner race insures even load distribution, providing a high radial and thrust load capacity. Bearings are relubricable. L10 bearing life is a minimum of 50,000 hours.



### 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 Panel Fans

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info@hartzell.com

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