



SALES SHEET | PRODUCT HIGHLIGHT

## RING FANS

STANDARD OR REVERSE FLOW - SERIES 01, 08, 10, & 14

The Hartzell Propeller Ring Fan can be manufactured, standard or reverse flow, direct or belt driven and they are available in a wide range of sizes. The fan is packaged completely assembled and ready to install. The fan propeller is an airfoil design, cast of 319 aluminum in compliance with ASTM B26. Available in both direct drive or belt drive. The propellers are affixed to the motor shaft utilizing a split taper brushing or a clamp block arrangement. The propeller is mounted in a high efficiency air seal fan orifice with the smaller diameter of the ring.

### THE BOLD DIFFERENCE:

#### BUILT LIKE A TANK

- Industrial-grade, powder coat enamel finish standard
- Rugged designs that have lasted for decades in service
- All welded construction

#### HIGH END DESIGN

- Exclusive air seal design
- Solid cast aluminum airfoil bladed propellers
- Support structures streamlined to minimize obstructions in the air passages

#### NO HASSLE MAINTENANCE

- Direct drive units only require motor lubrication
- Belt drive units have readily accessible bearings for relubrication
- Belt tension easily done by sliding the motor across the mounting plate

### CLAIMS COMPETITORS CANNOT MAKE:

Wildest range of blade styles available

Highest safety factors in the blade 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 knowledge, 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

1-800-336-3267

INFO@HARTZELL.COM

HARTZELLAIRMOVEMENT.COM

910 S DOWNING ST,  
PIQUA, OH 45356

### SPECIFICATIONS:

Size	12" - 144"
Material	Steel, 304SS, 316SS, Aluminium
Pressure Range	Up to 1.5" sp

## Markets

The Hartzell Hooded Roof Ventilators are designed for a wide range of industry applications:



Chemical



Energy



Food Processing



Heavy Industry



Transportation



Pulp and Paper



Water and Wastewater

## FEATURES

### SERIES 01S/01R:

**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.

### SERIES 08S/08R:

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

**Long Life V Belts** — Oversized for long life and continuous duty. Oil, heat and static resistant type.

### SERIES 10S/10R:

**Airfoil Blades** — Aluminum alloy castings.

**Hub** — Cast aluminum threaded to accept the blades which are locked into position at the desired blade angle setting by tension bolts.

**Split Taper Bushing** — Sizes 85" to 144" hub is furnished with a split taper bushing.

### SERIES 14

**Fully Reversible welded Construction** — This design utilizes two curved orifices welded face-to-face to provide efficient airflow in both directions. The streamlined welded motor mount combines minimum resistance to airflow with exceptional strength.



## 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 our Ring Fans

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