



SALES SHEET | PRODUCT HIGHLIGHT

## ADJUSTABLE & FIXED PITCH VANEAXIAL FANS

SERIES 50, 53C, 54, 55, 56, 65, 65C, 66, & 67

Vaneaxial fans are highly efficient axial flow fans designed for static pressures up to 10". They also offer the compactness and in-line configuration of axial flow fans. The vaneaxial fan is the workhorse of the Hartzell line of duct type fans.

### THE BOLD DIFFERENCE:

#### BUILT LIKE A TANK

- Heavy all welded construction
- Thick cast aluminum propellers
- Oversized shaft and bearings, calculated for both vertical and horizontal installations

#### HIGH END DESIGN

- Integral or bolt-on guide vane sections designed to minimize air turbulence
- Infinitely adjustable pitch angle on fans with adjustable propellers
- Performance tested in an AMCA Accredited laboratory

#### NO HASSLE MAINTENANCE

- Lubrication lines extended to the outside of the drum for easy access
- Propellers mounted with split taper bushings
- Direct drive models only require motor lubrication

### CLAIMS COMPETITORS CANNOT MAKE:

The only one-piece molded wheel in the industry

L-10 bearing life of a minimum 50,000 hours

### 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

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HARTZELLAIRMOVEMENT.COM

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PIQUA, OH 45356

### SPECIFICATIONS:

Size	12" - 79"
Material	Steel, 304SS, 316SS Aluminium
Pressure Range	Up to 10" sp

## Markets

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



Chemical



Energy



Food Processing



Heavy Industry



Marine



Pulp and Paper



Water and Wastewater

## FEATURES

### Cast Aluminium Airfoil Type Propellers —

Large safety factors and dynamically balanced to ensure vibration-free operation.

**Bearings** — Belt drive units are either deep row radial ball type or double row spherical roller bearings. Both are a relubricable type for continuous service with lubrication tubes extended to the exterior of fan housing as standard.

**Straightening Vanes** — Heavy gauge steel discharge guide vanes are welded in the casing.

**Shafts** — High strength steel, ground and polished.

**V-Belt Drives** — Oversized for longer life and continuous duty. Belts are oil, heat and static resistant type.

**Welded Motor Base Plate** — Standard on direct and belt drive models.



### 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 Vaneaxial Fan

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info@hartzell.com

### Hartzell Air Movement

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