



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:

Heavy gauge construction for long life

Infinitely adjustable blade angles for precise performance

**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" - 79"
Material	Steel, 304SS, 316SS, Aluminum
Pressure Range	Up to 10" sp

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## 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 Aluminum 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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