

# Hartzell

AIR MOVEMENT

**POWER GENERATION**  
KEEPING ESSENTIAL BUSINESSES RUNNING



**Hartzell Air Movement**

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[www.hartzellairmovement.com](http://www.hartzellairmovement.com)

# THE HARTZELL DIFFERENCE

Building the highest quality fans  
in America for generations



## QUALITY AT EVERY TURN.

Hartzell Air Movement exceeds the standard in the air movement industry, committed to delivering top-quality, reliable products. And our relationship with our customers, and our knowledgeable, inventive, flexible and hardworking employees are the reasons we've continued and thrived, right here in the USA, for six generations.

### Customers choose Hartzell for our:

- Durability and high performance
- Low cost of ownership
- Leadership in performance testing and certification
- Advanced engineering and manufacturing processes
- Innovative design and manufacturing
- Trusted brand name

### Experienced Hartzell team to assist you from design to shipping

ISO 9001:2015 Certification  
AMCA Accredited Laboratory  
Complete Fans and Blowers  
Centrifugal Wheels  
Airfoil Propellers



## HARTZELL ADVANTAGES

### A LIFETIME OF VALUE

- Industrial fans are field proven, 100% tested, with virtually no incident of return
- Energy efficient designs that provide a lower total cost of ownership

### LEADERSHIP IN PERFORMANCE

- Products certified by AMCA that meet DOE recommended efficiencies
- Highly efficient industrial fan designs that are the quietest in the market
- Airfoil shape blades with industry leading measured efficiencies

### ADVANCED ENGINEERING & MANUFACTURING

- Proven manufacturing techniques on state of the art equipment in ISO 9001:2015 registered facilities
- Engineering team utilizes the latest design tools in 3D CAD and other modeling software

### CREATIVE DESIGN & MANUFACTURING TEAM

- Offering the greatest number of industrial fan design choices
- Building products to meet your rigorous application; no limiting catalog

### TRUSTED BRAND NAME

- Extensive talent pool bringing over 145 years of knowledge and experience to you

### 5-YEAR WARRANTY

- The industry's first and only manufacturer that stands behind their products for a full 5-years



- Register your 5 year warranty
- Download your installation manual
- Order replacement parts



For more information, contact your local Hartzell Sales Representative: [info@hartzell.com](mailto:info@hartzell.com)



## THE HARTZELL DIFFERENCE

- We design our fans using design safety factors that are twice the competitive norms for critical components (e.g., props, bearings, shafts, etc.). The heavier design of our fans means they can take more abuse than our competitors’.
- Our savvy technical resources don’t simply take orders; they are application-focused air movement gurus. Customers get the best fan for the application — not just any fan that should get the job done.
- We incorporate clever time-saving installation, usability and maintenance features other manufacturers choose to omit such as: Hooded roof ventilators come standard with hinged hoods up to 36”, slide rail hoods available for sizes above 36”, swing-out designs, damper access doors and damper shelves.
- Larger shafts and bearings; engineering each set of bearings for every order gives the fans a longer life.
- Plant personnel can get operations back online quickly without taking unnecessary safety risks.

## POWER GENERATION MARKET OVERVIEW

Adequate energy facilities are vital to a community’s – and a country’s – prosperity. Staying on-line continuously to provide safe, dependable energy is a necessity. It takes energy to produce energy, and that produces heat. Whether power is generated using coal, natural gas, nuclear or other means, the people and machinery, including fans and blower, are exposed to a variety of environments. While the energy delivered by the treatment plant is clean and safe, the air quality in the plant environment itself is often harsh to breathe, corrosive and even hazardous. Your energy facility operators don’t want to have to think about their air movement equipment. They simply need to know it’s going to work as promised, with no performance inconsistencies or mechanical degradation due to environmental factors.

## HOW WE SOLVE YOUR PROBLEMS

### SAFETY

Personnel safety — from less than optimal internal air quality, and extreme heat in particular — as well as routine maintenance are top priorities.

### UPTIME

Reduced downtime of critical processes means improved performance and continuous power production.

### OPERATIONAL BUDGETS

Operating budgets are thin, with little resources to cover unplanned or unexpected maintenance, repair or replacement costs.



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### **SERIES 61**

Meets the need for an economical, yet efficient upblast roof ventilator. The unit combines the Hartzell panel fan concept with a windband and butterfly damper. Dampers open automatically when the fan goes on and close weather tight when the fan is shut down. When the unit is in operation, the force of the discharge air effectively prevents the entry of rain or snow.



### **SERIES 73**

Galv Hooded Vent features a galvanized steel base and hood, with a painted steel orifice panel and fan frame. The hood is hinged to swing back for easy access to the fan assembly. The airflow splitter in the hood allows for the same high efficiency in either direction. The aerodynamically designed hood provides a compact, low profile. Hooded ventilators are also available in painted steel and aluminum construction.



### **SERIES 02**

Direct Drive Panel Fan, available in standard sizes from 12. To 60", is a rugged and versatile fan, ideal for general ventilation, smoke and fume removal, cooling, air supply or exhaust applications. AMCA-certified for air performance, Series 02 fans are built with heavy-gauge steel mounting panels for mounting in any position from horizontal to vertical.

More than 50 Hartzell representative offices can provide specific performance and installation data to meet your requirements. Call your Hartzell Air Movement representative for assistance. Visit [www.hartzellairmovement.com](http://www.hartzellairmovement.com) or call 800.336.3267 for the name of your representative.

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