



AIR MOVEMENT



**WASTE WATER &  
WATER TREATMENT**

**KEEPING ESSENTIAL BUSINESSES RUNNING**

*Good Enough*  
**Never Is™**

# THE HARTZELL DIFFERENCE

*We don't take short cuts. Providing the highest-quality industrial fans and blowers.*

## GOOD ENOUGH NEVER IS.

Hartzell Air Movement is the industrial fan manufacturer that produces high-quality, efficient and innovative air movement solutions for a wide variety of tough and demanding industries and applications. We're the choice for discerning customers, who know when it comes to industrial air movement – Good Enough Never Is.

### 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, and 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 wheels with industry leading measured efficiencies

### ADVANCED ENGINEERING & MANUFACTURING

- Proven manufacturer techniques on state of the art equipment in ISO 9001:2015 manufacturing 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



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



## MARKET OVERVIEW

While the water produced by the treatment plant is clean, the air quality in the plant environment itself is often harsh to breathe, corrosive and even hazardous. Adding to these on-site challenges are the regulatory requirements for H<sub>2</sub>S and methane ventilation, as well as community concerns about residual plant noise and odor. Together, these issues make air movement equipment performance and durability a mandatory requirement in the safe,



continuous operation of a wastewater facility. And that's Hartzell's sweet spot – designing, manufacturing and applying the right solutions and products to perform against all of these challenges.

## HOW WE SOLVE YOUR PROBLEMS

### SAFETY

Noxious H<sub>2</sub>S and methane gases are hazardous to facility workers and surrounding communities.

### ODOR CONTROL

Facilities must control odor within the facility as well as the air released into the environment. Fans are integral to scrubber systems.

### REGULATION

System redundancy, electrical efficiency, and gas and odor control are a few wastewater regulatory issues.

### OPERATIONAL BUDGETS

Municipal operating budgets are thin, with little resources to cover unplanned or unexpected maintenance, repair or replace costs.

## THE HARTZELL DIFFERENCE

- Our fiberglass fans contain the only one-piece, solid fiberglass wheel for centrifugal fans for more durability, longer life and consistent air flow and acoustic performance.
- We offer the only full line of axial and centrifugal products in fiberglass, including class IV fans plus. Single source for steel or fiberglass.
- Fans are designed using safety factors twice the competitive norms for critical components (e.g., props, bearings, shafts, etc.).
- No outsourcing of fan builds. Fans are built from start to finish at our facility to ensure quality and repeatable performance.
- AMCA and ISO 9001:2015 certifications.

**GOOD  
ENOUGH  
NEVER IS™**

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### SERIES 41



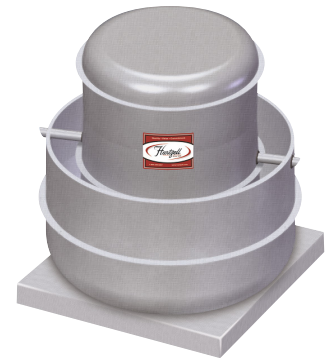
**The Series 41** Backward Curved Centrifugal Fans can handle up to 100,000 cfm and 30"+ of pressure. The series 41 has the only solid one piece fiberglass wheel construction in the industry. This provides long term reliability as there is no risk of failure due to delamination.

### SERIES 42 & 43



**The Series 42 & 43** can handle the low flow and high pressure situations and perfect for wet-well ventilation. Just like the Series 41 the blowers wheels are a solid one piece molded fiberglass construction and made of Derakane 510-A.

### SERIES 87/88



**The Series 87/88** upblast dome exhausters are perfect for those hard to reach areas on walls and roofs and provide long term reliability. Available in belt drive (Series 88) or a near maintenance free direct drive (Series 87) version.



#### 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. Call your Hartzell Air Movement representative for assistance.*

#### Hartzell Air Movement

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