

Hartzell

AIR MOVEMENT

**WASTE WATER &
WATER TREATMENT**
KEEPING ESSENTIAL BUSINESSES RUNNING



Hartzell Air Movement

910 S. Downing Street Piqua, OH 45356-0919

Contact

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Website

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



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.

WASTE WATER & WATER TREATMENT 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 H₂S 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 H₂S 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.



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

Can handle low flow and high pressure situations, and is 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

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.

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 or call 800.336.3267 for the name of your representative.

CONNECT
WITH US!



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