



MARINE INDUSTRY



Hartzell Air Movement
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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**

ISO9001:2015 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

- Space restraints: We offer a breadth of compact direct-drive axial fans that satisfy the vast majority of air and pressure requirements.
- We offer complete welded flanges and housings, with thicker material to keep the housing round. This allows a Hartzell system to hold tighter tip clearance, which results in precise and repeatable performance.
- Our proven, tested marine coating and material construction options combat corrosion.
- We offer a “no questions asked” service commitment supported by our Hartzell Certified Service Center based out of Hammond, LA.
- Marine reputation: Hartzell Air Movement pioneered air movement for marine applications and continues to lead innovations through ongoing system refinements specific to marine specifications and designs.

MARINE INDUSTRY MARKET OVERVIEW

Oceans may be the harshest naturally occurring environments on the planet. Constant, unrelenting exposure to temperature extremes, salt air and spray, moisture and the pounding of turbulent seas are what separate marine operations challenges from those of land-based facilities. And the ships and platforms that operate in these conditions can't afford to be offline or shut down, even for a few hours. Bottom line: no matter their environment, your fleet maintenance crews don't want to think about their air movement equipment. The crew wants to know it's going to work as promised, with no performance inconsistencies or mechanical degradation due to marine and vessel environmental factors.

HOW WE **SOLVE** YOUR PROBLEMS

SAFETY

Personnel safety—from less than optimal internal air quality and the risks of spark and fire—as well as performing routine maintenance are top priorities in marine applications.

SPACE LIMITATIONS

Adequate air movement equipment must be designed to work effectively within the limited footprint of marine facilities. Avoiding additional accessories like silencers saves space on a vessel.

SERVICE DIFFICULTIES

Remote locations, mobility of the vessel and downtime are important service-related issues. All of these are extremely costly to the owner/operator. Down fans mean service hassles and production losses.



MARINE INDUSTRY



SERIES 44M

Marine Duty Direct Drive Duct Axial® Fan provides high-volume, high-efficiency air movement in the harsh marine environment. AMCA-certified for air performance, Series 44M Duct Fans feature a six-bladed single-piece, cast aluminum propeller. The airfoil design incorporates year of research and development to deliver the best features of Hartzell vaneaxial propellers plus the economic performance of all Hartzell duct fans.



SERIES 03M

Marine Duty Backward Curved Centrifugal Fan achieves maximum performance and quiet operation. It features a single-width, single-inlet (SWSI) design. Marine Duty inorganic zinc coating, applied to sand blasted steel housing and steel impeller to provide extra protection in the marine environment.



SERIES 39M

Adjustable Pitch Marine Duty Duct Fan is best suited for applications requiring high flow and low to medium pressure at temperatures not exceeding the motor rating where adjustable pitch blades allow fans to be accurately set. Propellers are high efficiency and quiet.

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
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