



**DESIGNED & BUILT
TO LAST A LIFETIME**

**THE PREMIER PROVIDER OF
ENERGY RECOVERY TECHNOLOGY**



FOR OVER 35 YEARS, AIRXCHANGE HAS SET THE STANDARD FOR
INNOVATIVE ENERGY RECOVERY VENTILATION (ERV) PRODUCTS
THAT ARE DESIGNED FOR LONGEVITY IN A WIDE VARIETY OF
RESIDENTIAL AND COMMERCIAL APPLICATIONS.





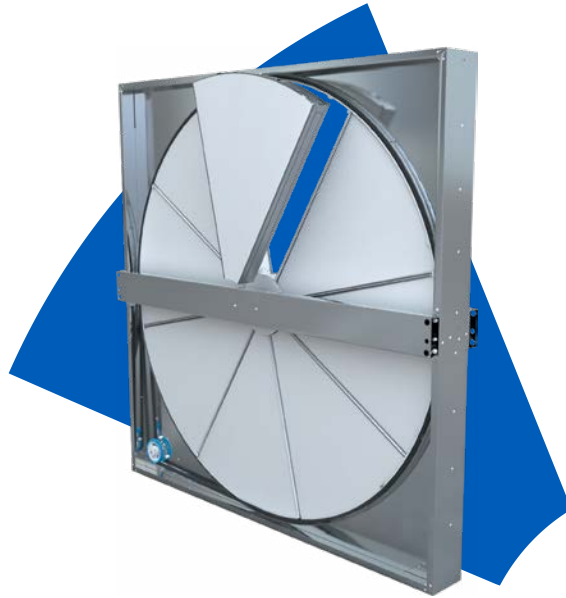
OUR MISSION:

Our mission is to design and manufacture high quality products that perform reliably and effectively for the life of the HVAC system, reduce energy consumption, and improve indoor air quality. The addition of high-tech materials and innovative designs to a technology based on fundamental scientific principles has earned us the trust of our valued OEM customers. We will continue to innovate and support our customers to meet evolving market demands for energy recovery ventilation technology and improved indoor air quality.



OUR VISION:

We strive to be the premier partner of choice for best-in-class products that positively advance and transform the energy recovery ventilation market. Our vision is to be recognized as a preeminent global leader of the ERV industry by supporting the community with reliable energy conservation components, passionately embracing new innovative ideas, seeking out transformative technologies and operating with unbending ethical standards.



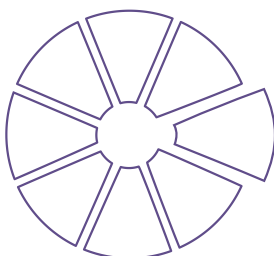
AIRXCHANGE WHEELS: THE HEART OF ERV SYSTEMS

Energy Recovery Ventilation (ERV) is the most cost effective means for controlling indoor air quality and energy costs while reducing HVAC equipment size and peak demand. Available in most commercial HVAC platforms, this clean energy technology is endorsed by the Environmental Protection Agency (EPA) and the Department of Energy (DOE). According to the DOE, the expanded use of ERV technology in the latest national building energy standard was a major contributor to achieving ASHRAE's 30% energy reduction goal.

At the heart of most ERV systems is an Energy Recovery Wheel that recycles up to 80% of the

energy normally wasted in building exhaust air. Using recycled energy to precondition outdoor air supply for temperature and humidity lowers HVAC operating costs up to 40%. With outdoor air ventilation energy costs and humidity concerns minimized, building owners and occupants enjoy a cleaner and more comfortable indoor environment.

Airxchange is the leading supplier of Energy Recovery Wheels to the HVAC Industry. With over 35 years of experience, Airxchange continues to advance the technology with active leadership in AHRI and ASHRAE, and with innovative, reliable and high performing designs.



EXPERIENCE THE AIRXCHANGE ADVANTAGE:

**INNOVATION
RELIABILITY
PERFORMANCE**



INNOVATION

INNOVATIVE MATERIALS AND DESIGNS PROVIDE NUMEROUS ADVANTAGES TO BUILDING OWNERS AND DESIGN ENGINEERS.



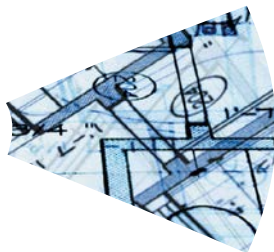
Segmented design ensures optimal performance for the life of the HVAC system.

ADVANCED POLYMER MATERIAL allows for the most compact wheel design in the industry, reducing unit depth and weight.

SEGMENTED DESIGN allows for easy removal of energy transfer segments without the use of tools for effective cleaning or replacement.

PATENTED WHEEL is structurally independent from energy transfer segments for extended life.

PROPRIETARY COATING PROCESS permanently bonds desiccant to energy transfer surface without adhesives – will not degrade over time or wash off during cleaning.



GGD CONSULTING ENGINEERS

“Permanently bonding desiccant to the energy transfer surface, and the ability to wash segments without compromising the desiccant coating is an important advantage. The Airxchange segmented wheel design minimizes service access requirements for greater design flexibility and makes it easy to maintain.”

Dominick Puniello, Principal, Mechanical Department Head, Garcia, Galuska and DeSousa Consulting Engineers

RELIABILITY

TESTED, PROVEN USE OF DURABLE MATERIALS COUPLED WITH CONSERVATIVE DESIGN TRANSLATES INTO ROBUST, LONG LASTING ENERGY RECOVERY WHEELS BACKED BY A 5-YEAR WARRANTY.



Airxchange technology provides a stable, robust product developed from over 35 years of experience and more than 285,000 installations.

100% STAINLESS STEEL WHEEL structure provides superior strength and will not corrode.

DURABLE POLYMER ENERGY TRANSFER MATERIAL withstands harsh coastal or pool environments.

PERMANENTLY LUBRICATED BEARINGS eliminate maintenance to ensure lasting performance – minimum thirty-year L10 life.

CONSTANT TENSION BELT is maintenance-free – the most reliable belt drive system currently available.

INSULATED STRUCTURAL G-90 GALVANIZED FRAME prevents condensation and provides exceptional durability. Special coatings are available for extra protection in highly corrosive environments.



OSCEOLA COUNTY COURTHOUSE

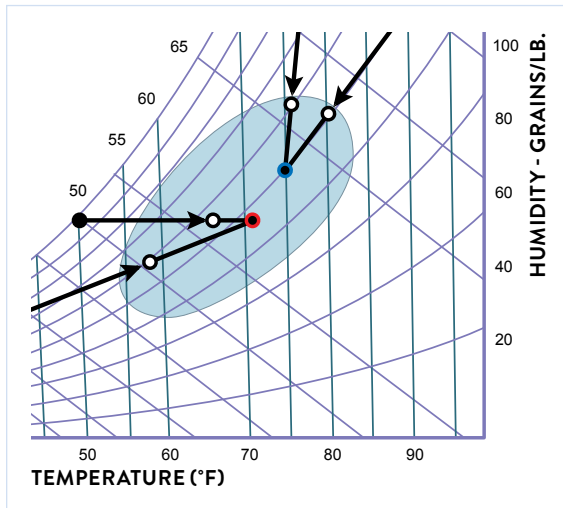
“We replaced a failed competitor’s wheel with an Airxchange wheel that has been running 24 hours a day, seven days a week, for six years without a single problem or stoppage. The Airxchange wheel is considerably lighter, using a 1/3HP motor instead of the competitor’s 5HP motor, and delivers clean and affordable fresh air.”

*Rene Franqui Jr., Osceola County Building Maintenance Administration,
Courthouse Square Facility*



PERFORMANCE

AIRXCHANGE ENERGY RECOVERY WHEELS ARE SUPPORTED BY A STRONG COMMITMENT TO QUALITY, DESIGN, AND PERFORMANCE FOR THE LIFE OF THE HVAC SYSTEM.



Airxchange wheels recycle energy to precondition ventilation air and reduce outdoor air loads up to 80%.

OPTIMIZED DESICCANT for comfort HVAC applications provides maximum moisture exchange in the vapor phase, eliminating the need for condensate drains.

CUSTOMIZED ENERGY TRANSFER DESIGNS offer a wide range of performance options – field replaceable to accommodate change in occupant or building use.

REMOVABLE SEGMENTS effectively ensure performance for the life of the system – protects against surface contamination during construction and simplifies commissioning.

OPTIONAL PURGE SECTION for adjustable control of exhaust air transfer in non-comfort HVAC applications.

Airxchange participates in the Air Conditioning Heating and Refrigeration Institute (AHRI) Standard 1060 certification program which requires annual verification of manufacturers' performance claims.



PROVIDENCE CAREER & TECHNICAL ACADEMY

"I kept waiting for the boilers to fire on cold days but the Airxchange energy recovery wheels were able to heat the outdoor air enough to significantly reduce boiler operation. The wheels keep the supply air in a nice comfortable zone where frequent additional heating is not required."

David Gaudet, Aramark – PCTA Facility Manager

AIRXWEB

Performance Selection Software

AIRXWEB - A BETTER WAY TO SELECT ENERGY RECOVERY



The latest software offering from Airxchange is AIRXWEB, a free, web-based performance modeling selection tool. This comprehensive software is continuously updated with the latest models and offers superior, user-friendly features. HVAC engineers can compare and select Airxchange AHRI Certified energy recovery components with greater ease and flexibility than previous software versions.

AIRXWEB ADVANTAGES

CERTIFICATION COMPLIANCE TO PATH A

- » Provide AHRI certified performance selections for your products over the entire range of operation
- » Ensures that all configurations of products can be rated for the entire map of performance

ELIMINATES SECURITY CONCERNS

- » No need to download large files through company firewalls

FULLY CUSTOMIZABLE

- » Allows user to prioritize selections based on key performance parameters

IMPROVED USER INTERFACE & SUBMITTALS

- » No clumsy Excel spreadsheets
- » Intuitive selection comparisons
- » Dynamic PDF format allows user to integrate performance outputs to project submittal

NO DATA LOSS

- » All projects are automatically saved and stored for future reference

REAL TIME

- » Automatically updates with latest models
- » Direct access to Airxchange product support





AIRXWEB SOFTWARE IS AHRI PATH A COMPLIANT



Airxchange's Energy Recovery Component selection software, AIRXWEB, is AHRI Path A software compliant. We made the necessary investments in testing and software to be in full compliance to the requirements. Path A allows you to provide AHRI certified performance selections for your products over the entire range of operation, including full load, part load, and unequal airflows.

With all Airxchange products complying with Path A Certification, it further ensures that all configurations of products utilizing our wheels can be rated for the entire map of performance. This is a significant change and improvement in the AHRI 1060 program. In the past, only a peak point was tested. The full map is now subject to testing and certification which provides a competitive opportunity to differentiate your products against others that are not Path A compliant.



CONTACT US

For questions and support for AIRXWEB software, please give us a call or email us:
781.781.4816 • contact_us@airxchange.com • AIRXWEB.COM

CHOOSING AIRXCHANGE AS YOUR OEM TECHNOLOGY PARTNER

Airxchange supplies directly to HVAC equipment manufacturers serving new construction, renovation or retrofit of residential, commercial, institutional or industrial building applications. We offer OEMs a wide variety of reliable energy recovery components that perform at the highest level for the life of the HVAC system. We provide top-notch engineering support and customer service and take pride in the longstanding loyal relationships we've developed with our OEM partners.



COMMITMENT TO OUR OEM CUSTOMERS DEFINES OUR COMPANY. Airxchange resources are focused on the development of energy recovery ventilation components and their applications. Our vision includes energy recovery ventilation on most buildings in the next decade. Our goal is to continue as the industry leader. Resolving the conflict between health and comfort on the one hand, and energy conservation and cost on the other, will remain central to our mission. Airxchange is committed to providing our OEM customers with innovative products which respond to those challenges.



INVESTMENT IN TECHNOLOGY, MANUFACTURING AND MARKET DEVELOPMENT DRIVES OUR BUSINESS. Our commitment to the success of energy recovery ventilation and the confidence that comes from proven performance allow Airxchange to continue investment in product design, volume manufacturing and industry standards. Airxchange will be here tomorrow, providing leadership, sound technology and cost effective solutions to the need for energy efficient ventilation.



ENTREPRENEURIAL SPIRIT FUELS OUR PEOPLE AND FOSTERS NEW IDEAS. Not content to be just another energy recovery supplier - We are always on the lookout for new and better ways to design, manufacture and supply energy recovery technology. We have developed expertise in its application and support our customers with that knowledge. Our efforts are guided by the needs of our OEM's and the markets they serve. We listen and respond to customer input. Our patented designs, innovative products and guarantee of supply ensure that our partners continue to enjoy the benefits of energy recovery ventilation technology in a cost conscious HVAC marketplace.





**AIRXCHANGE ENERGY COMPONENTS ARE AVAILABLE THROUGH
OUR OEM PARTNERS IN VARIOUS CONFIGURATIONS**



**STAND-ALONE
ERVS**



**BOLT-ON
ACCESSORIES**



**PACKAGED
ROOFTOP UNITS**



**VERTICAL
PACKAGED UNITS**



**AIR HANDLER
OPTIONS**



CONTACT US

Interested in becoming an Airxchange OEM Partner? Connect with us by
email at contact_us@airxchange.com.

To learn more about Airxchange Technology, please visit airxchange.com.



L.J. EARLY COMPANY

"As an HVAC company, we see a growing demand for integrated units with energy recovery wheels. Airxchange products are well-designed, durable and reliable. The company's technical support representatives provide prompt and knowledgeable answers to application and replacement service questions. Airxchange's five-year warranty gives our clients an added measure of confidence in choosing Airxchange energy recovery."

Denis Boyce, L.J. Early Company

INDUSTRIES SERVED

All comfort HVAC markets such as institutional, hospitality, commercial office, retail, medical, government, light industrial, entertainment, fitness, restaurant, and more.



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