

THE UNIVERSAL ERV

DIFFERENCE.

U-ERV, Energy Wall's transformational air handling platform for indoor environments, provides ONE easy-to-manage solution that simultaneously achieves all of the following:

- **Unique, efficient ERV**
- Fresher, cleaner, healthier, more comfortable and better oxygenated indoor air **helps occupants think better, learn better, work better**
- **Virtually ZERO MAINTENANCE***, thanks to fixed-plate architecture
- **Easy and more economical installation with no crane required**—each unit weighs 90 pounds, easily carried by two people, reducing installation expenses, such as equipment, staffing, and time
- **Compatibility and modular scalability** to easily match a full range of existing HVAC systems and physical layouts, including tight-space applications
- Lower energy consumption and costs—equipment **pays for itself in 26 months or less**
- **Reduced carbon footprint**
- **Supported by a national distribution network and outstanding customer service**



* Maintenance requirements are virtually eliminated due to a unique heat exchanger design with no enthalpy wheel or any moving parts. Periodic filter changes required.

Deliver the value to your customers of U-ERV—ONE indoor air quality solution that solves economical, environmental, and space challenges with a quick return on investment.

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To find a representative in your area, call 717.814.5365



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**NO CRANE
REQUIRED**

IN THE ERV WORLD, THERE'S MORE TO THE COST EQUATION THAN EQUIPMENT PURCHASE PRICE ALONE.

Here's the full picture of Energy Wall's unique value formula with Universal ERV.

A key element of the U-ERV value proposition is the lightweight modular design, enabling individual 600 cfm modules to be hand-carried to installation sites and integrated into assemblies up to 6,000 cfm. Competing air handlers weigh up to five times more and require cranes for installation.

The table below shows the total cost advantage—including the rapid payoff—that made U-ERV the clear choice for one actual installation site.

| | Unit Cost | Cost / CFM | Roof Support | Crain Lift | Installed Cost | Installed Cost/CFM | Energy Savings | HVAC Equipment Savings | Payback in Months |
|-------------------|-----------|------------|--------------|------------|--------------------------|--------------------|--------------------------|------------------------|--|
| COMPETITOR | \$22,500 | \$4.50 | \$15,000 | \$15,000 | \$52,500 | \$10.50 | \$4,600 | \$18,000 | 89 |
| ENERGY WALL U-ERV | \$30,000 | \$6.00 | \$5,000 | \$0 | \$35,000 | \$7.00 | \$6,000 | \$22,000 | 26 |
| | | | | | 33% Lower Installed Cost | | 30% More Energy Savings! | | Energy Wall U-ERV pays for itself in a fraction of the time! |

Compact. Lightweight. Easy to install.

The fastest path to better ventilation AND a faster return on investment.




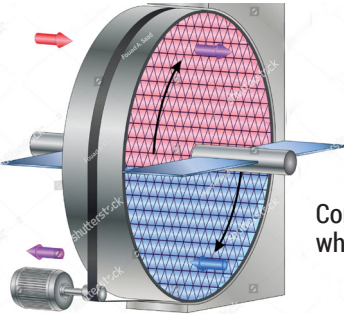
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WE WOULD CALL THIS A “COMPARISON CHART,” BUT THERE’S REALLY NO COMPARISON!

Heat Exchanger Maintenance Requirements: Energy Wall Universal ERV vs. Typical ERV with Enthalpy Wheel

| | Energy Wall U-ERV with Fixed-Plate Heat Exchanger | Typical ERV with Enthalpy Wheel Heat Exchanger |
|---------------------------------|---|--|
| MOVING PARTS |  <p>None</p> |  <p>Complex enthalpy wheel assembly.</p> |
| MAINTENANCE PROCEDURES REQUIRED | None | Regular disassembly and cleaning procedure required at intervals dependent on installation setting |
| MAINTENANCE INTERVAL | None | Variable, but ranges from once every 4–5 years in reasonably clean environments to every 3–6 months in certain settings, such as welding facilities or smoking permitted establishments |
| CLEANING PROCEDURE | None | Disassembly of wheel segments, which are soaked in a cleaning solution for a period ranging from 10 minutes for installations in “cleaner” indoor environments to overnight for certain industrial facilities with higher levels of smoke or particles in their air. |
| | | <p>SOURCE: The Air Conditioning, Heating and Refrigeration NEWS www.achrnews.com/articles/97122-energy-recovery-wheel-maintenance</p> |

For a low-maintenance, lightweight, modular, and energy-saving indoor air quality solution, Energy Wall U-ERV is the clear choice.

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