



The Static-Plate Core is the Key!

Since the early 1980's, RenewAire has pioneered the use of the patented Lossnay (*Registered trademark of Mitsubishi Electric Corporation*) exchange core throughout the Americas. Listed below are some of the many reasons why this technology has become the ERV system preferred by leading HVAC professionals around the world.

Positive Airstream Separation

In the RenewAire core, fresh air never comes in contact with exhaust air passages. Hydroscopic resin plates separate the two airstreams so effectively that AHRI certifies zero exhaust air transfer at normal, balanced operating conditions. As a result, RenewAire is perfect for controlled exhaust applications such as toilet areas, as well as for food service and health care occupancies.

G5 Enhanced Humidity Transfer

RenewAire is proud to introduce the fifth generation energy recovery ventilation (ERV) core.

- *Over 22% more humidity transfer at AHRI summer conditions*
- *reduced pressure drop - among the lowest for static-plate ERV*

*HE1X = 0.65" @ 750 SCFM
EV450 = 0.6" @ 450 SCFM*

Try RenewAire's
ERV Calculation Software
at www.ervcalc.renewaire.com

No Condensate or Active Defrost

Direct water vapor transfer, driven by vapor pressure, eliminates condensation - and frosting - in virtually all applications and climate zones. No condensation allows for closer plate spacing, resulting in higher efficiencies and easier installations. It also means no need for the dampers or electrical defrost elements that reduce ventilation and rob energy efficiency in competing technologies.

Maintenance - Nothing Could Be Easier

The scheduled maintenance for RenewAire is so simple, it can be performed by any janitorial staff. No expensive service contracts are necessary because there is no wheel disassembly and washing, no seal or belt adjustments and no complex controls to calibrate. The result is the lowest maintenance cost of any ERV.

The Unbeatable RenewAire Warranty

An investment in RenewAire is protected by a 10-year core warranty (2 years on balance of the unit). This commitment - twice as long as coverage on the best wheel products - speaks volumes about RenewAire's reliability, durability and consistently high performance.

Award-Winning Service and Support

RenewAire's team of professionals knows ERV. And our nationwide network of Sales Reps and quality Distributors are ready to serve you locally. When you call our support number, you'll talk to a knowledgeable factory expert - someone who knows not only our product line, but the best ways to integrate RenewAire with your preferred lines of heating and air conditioning equipment.

RenewAire's remarkable performance is independently certified by:

