



Will Your LEED Building Stand The Test Of Time?

Thanks to the rising cost of energy, efficient buildings and LEED certifications are becoming more and more important. When a client pays for LEED certification, they expect and deserve energy savings for the life of the building. USGBC has recognized this and in the **the new LEED 3.0 rating system, USGBC will require energy and water usage to be reported for 5 years.**

Energy recovery ventilators are a great way to reduce cooling/heating requirements and reduce energy costs, but what happens as these ERV's lose their effectiveness? **ASHRAE studies show that ERV performance can de-grade as much as 35%** due to desiccant degradation. Add to that, the complexity of many ERV's and the strict maintenance regime required to keep these units operational, and the picture gets even grimmer.

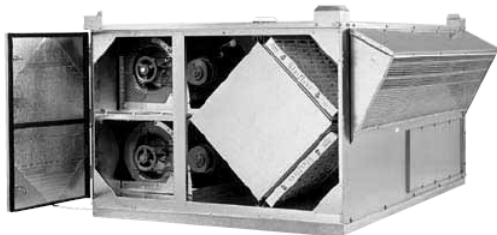
What does this mean to you and your system? Are there legal implications if your building does not outperform non-LEED buildings? Will USGBC eventually use this data to decertify buildings?



Only time will tell, but as a designer or installer, one thing you can do to alleviate this problem is use products that are built to last and to function as cataloged. Thanks to it's unique design, RenewAire total energy cores are warranted for 10 years. Their effectiveness will be the same as the day they were installed. No energy wheel can say that.

RenewAire's static plate core offers several advantages over energy wheels.

- ZERO cross contamination (ARI Certified)
- No motors/belts required to drive wheel
- Easy maintenance
- No active defrost requirements in most climates
- No purge air requirements
- Sensible and latent effectiveness stay constant over the life of the unit



- Packaged units from 70 CFM to 8,000 CFM
- Indoor, rooftop, and AHU end connect models
- Revit models
- Modular and applied units up to unlimited CFM
- Made in the USA

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