

G5 Core

Enhanced Humidity Transfer in a Static-Plate Core

RenewAire is proud to introduce our fifth generation energy recovery ventilation (ERV) core. The G5 core is engineered to deliver more humidity transfer than ever before, with the same reliability, low maintenance and positive airstream separation which have distinguished RenewAire ERV products for over 25 years.

- Over 22% more humidity transfer at AHRI summer conditions - Summer Total Effectiveness is raised 5 points - over 10%
- Reduced pressure drop - L125 core 0.65" @ 750 CFM - among the lowest for static-plate ERV
- Exhaust Air Transfer certified 0.0% at balanced pressure
- Passes UL 723 with less than 25/50 flame spread/smoke developed rating
- Laminar flow over entire operating range resulting in no particulate accumulation and simple once-a-year face vacuuming for service
- Gas phase water transfer means no condensation and no active defrost required in virtually any climate
- Structurally stable, resistant to biological growths and covered by a 10 year warranty
- Competitively priced, proven technology you can count on

AHRI-1060 Certified Performance - Model Number L85-G5													
Type		Tilt Angle			Nominal Airflow				Pressure Drop				
Plate		N/A			100% - 450 SCFM 75% - 338 SCFM				0.6 in. H ₂ O 0.5 in. H ₂ O				
Leakage Ratings					Thermal Effectiveness Ratings at 0" Pressure Differential								
	Pressure Differential	EATR	OACF	Purge Angle or Setting	Nominal Airflow	Sensible	Latent	Total	Net Airflow	Net Sensible	Net Latent	Net Total	
Test 1	-1 in. H ₂ O	1.0%	1.00	N/A	450 Heating CFM Cooling	73% 73%	53% 46%	66% 56%	450 CFM	73% 73%	53% 46%	66% 56%	
Test 2	0 in. H ₂ O	0.0%	1.02	N/A	338 Heating CFM Cooling	77% 77%	60% 52%	71% 61%	338 CFM	77% 77%	60% 52%	71% 61%	
Test 3	1 in. H ₂ O	0.0%	1.05	N/A									

AHRI-1060 Certified Performance - Model Number L125-G5													
Type		Tilt Angle			Nominal Airflow				Pressure Drop				
Plate		N/A			100% - 750 SCFM 75% - 563 SCFM				0.65 in. H ₂ O 0.45 in. H ₂ O				
Leakage Ratings					Thermal Effectiveness Ratings at 0" Pressure Differential								
	Pressure Differential	EATR	OACF	Purge Angle or Setting	Nominal Airflow	Sensible	Latent	Total	Net Airflow	Net Sensible	Net Latent	Net Total	
Test 1	-1 in. H ₂ O	1.0%	1.00	N/A	750 Heating CFM Cooling	71% 71%	52% 43%	64% 53%	750 CFM	71% 71%	52% 43%	64% 53%	
Test 2	0 in. H ₂ O	0.0%	1.02	N/A	563 Heating CFM Cooling	75% 75%	59% 50%	69% 59%	563 CFM	75% 75%	59% 50%	69% 59%	
Test 3	1 in. H ₂ O	0.0%	1.05	N/A									

NOTE: SCFM = Standard Cubic Feet per Minute OACF = Outdoor Air Correction Factor EATR = Exhaust Air Transfer Ratio N/A = Not Applicable

Energy recovery component certified in accordance with AHRI Standard 1060-2005.
 Actual performance in packaged equipment may vary.



Think Greener. Breathe Better.