



THE NEXT GENERATION IN ENERGY RECOVERY VENTILATION

SAVINGS

COMFORT

HEALTH

RELIABILITY

No Virus Transfer ASHRAE 90.1-2010 No Moving Parts
 Mold & Bacteria Resistant No Odor Crossover Flexible
 e Geometry Custom Freeze Tolerant Lat
 ent Recovery Low Durable Water W
 Washable Lower C ures ISO 846 Rat
 ng of 0 0% EATR Effectiveness of >5
 50% Up To 30% Sa quipment Custom
 nizable Size Teste d F-1671 Sensible



CORE's patented polymer membrane is inside each of our enthalpy exchangers. Recovering both sensible and latent energy, it simultaneously prevents the crossover of gases such as CO₂, odors, VOCs and other airborne contaminants.



Ole Miss Arena
University of Mississippi



250 Powell Street
Vancouver, British Columbia



University of Minnesota Duluth
Duluth, Minnesota



Denman Place Mall
Vancouver, British Columbia



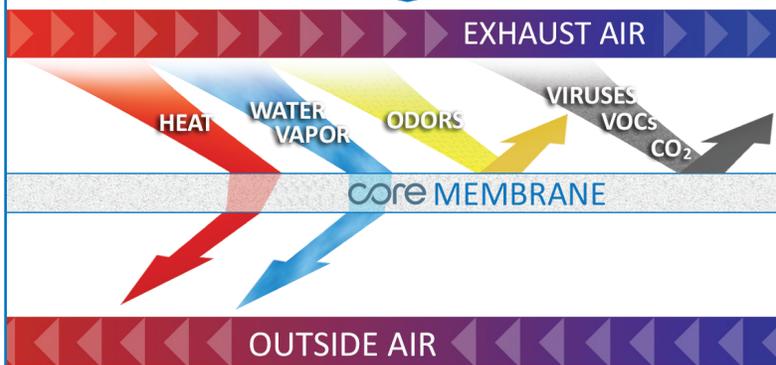
core.life

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SAVINGS

- Enables ERV systems to meet ASHRAE 90.1-2010 Total Effectiveness of 50-60%
- Reduces the size of the cooling system by 30%
- Recovers 70+% of sensible energy and 40+% of latent energy
- Allows lower operating temperatures without defrost (23°F or -5°C)

HOW IT WORKS



FLEXIBILITY

- Customizable Sizes: 8" to 60"
- Flexible geometry for limited headroom or footprint

PRODUCTS

- Residential ERV Cores
- Commercial ERV Cores
- Membrane

COMFORT

- Helps maintain ideal indoor air temperature and relative humidity in both hot, humid and cold, dry climates
- Prevents recirculation of odors and pathogens

HEALTH

- 0% EATR certified (cross-contamination) to AHRI 1060
- Mold and bacteria resistant - ISO 846 Rating of 0
- No virus transfer - ASTM Method F-1671

RELIABILITY

- No moving parts
- Water washable
- Withstands pressure differentials of 10" w.c.
- Freeze tolerant

Energy Recovery Technologies

	core ENERGY RECOVERY SOLUTIONS	PAPER CORE	ENTHALPY WHEEL	ALUMINUM CORE
Latent Recovery	✓	✓	✓	✗
Water Washable	✓	✗	✓	✓
Cross-over (EATR) ¹	0%	0-3%	2-15%	0%
Anti-Microbial Protection	✓ ²	✗	✓	✓
Freeze Tolerant	✓	✗	✓	✓
Moving Parts	no	no	yes	no
Customizable Size	✓	✗	✗	✗
Total Effectiveness	57%	53%	68%	30%
Pressure Drop	0.55"	0.65"	1.00"	0.65"

1. AHRI 1060 Certified

2. Certified to AATCC 30 & ISO 846

Schools, Hospitals, Care Facilities, Condominiums, Offices, Vivariums and more...