

ENTHALPIC CORE

LOW MAINTENANCE ENERGY RECOVERY SOLUTION

Valent's focus on energy recovery design, construction, and control has been rewarded with thousands of successful installations that are energy-efficient, durable, and that improve indoor air quality. The enthalpic core is just one of many energy recovery options offered by Valent and is uniquely positioned to meet the needs of buildings without on-site or readily available maintenance teams.

RELIABLE OPERATION


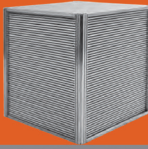
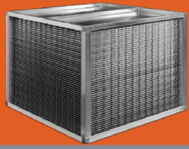
- No moving parts eliminates the need for mechanical maintenance or repair
- Sturdy aluminum frame is corrosion resistant
- Freeze-tolerant design allows for on-going operation even during cold winter months
- ASHRAE 90.1 compliant for sensible and latent heat transfer

LOW CROSS CONTAMINATION

- Cross-flow designs prevents supply and exhaust air streams from intersecting
- <1% EATR per AHRI 1060 testing
- Blocks a variety of gases & contaminants including CO₂, formaldehyde, chloroform, toluene & acetone

LOW MAINTENANCE

- No moving parts
- Water washable
- Anti-microbial

ENTHALPY WHEELS	ENTHALPIC PLATE	SENSIBLE PLATE
		
HEAT TRANSFER MEDIUM		
Polymer or aluminum	Polymer	Aluminum
ENTHALPIC AND SENSIBLE ENERGY RECOVERY		
Best	Better	Good
INTERNAL PRESSURE DROP		
Moderate	High	Low
LEAKAGE ACROSS AIRSTREAMS		
Some	Low	Almost none
MAINTENANCE		
Some	Low	Almost none
AVAILABLE ON MODELS		
VALENT VXE and VPRE	VALENT VPRC	VALENT VPRP

LEARN MORE ABOUT ENERGY RECOVERY

- www.valentair.com
- Visit the [Applications Expertise](#) section of Valent's website.
- [Contact your Valent Representative.](#)