

M-ERV309

BIGGER, BETTER, FASTER, STRONGER

DESCRIPTION

High performance polymer membrane based energy recovery exchanger (ERV) that blocks VOC's, CO₂ and other gases & contaminants with lower pressure drop than previous generations of fixed plate enthalpy exchangers. Manufactured on a fully automated production line.

PRIMARY APPLICATIONS

High-Rise Residential & Hotels

PRODUCT BENEFITS

- Lower pressure drop on supply air side
- <1% EATR
- Lower frosting temperature (-10°C to -15°C, 14°F to 5°F) and shorter defrosting time
- Blocks a variety of gases & contaminants including CO₂, formaldehyde, chloroform, toluene & acetone
- Prevents recirculation of odors, irritants & viruses
- Shorter lead times
- Weight 15% lighter than previous generation
- ISO846 Hygiene rating of 0 for mold & bacteria growth
- Water washable
- AHRI certified
- UL listed component



The M-ERV309 is available with a standard base of 309 mm (12.2 inches) and up to 700 mm (27.5 inches) width

M-ERV309	SENSIBLE EFFECTIVENESS	AIRFLOW (cfm)	PRESSURE DROP (OPEN CHANNEL) (Inches of Water)	BASE DIMENSIONS (mm/in)	MAXIMUM WIDTH (mm/in)
HE	75%	130	0.27	309 mm (12.2 in)	700 mm (27.5 in)
S	75%	65	0.08		

*Based on width of 305mm (12 in)



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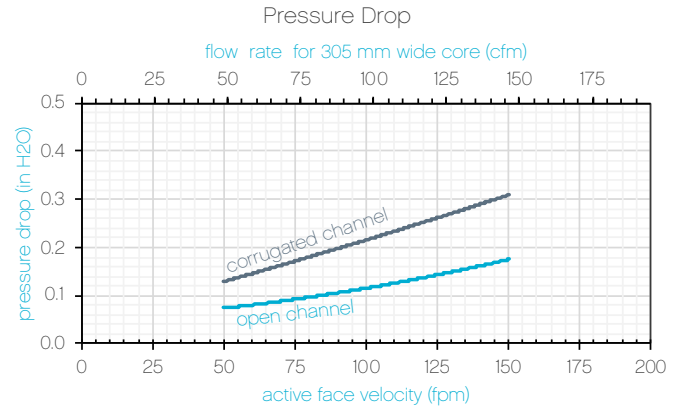
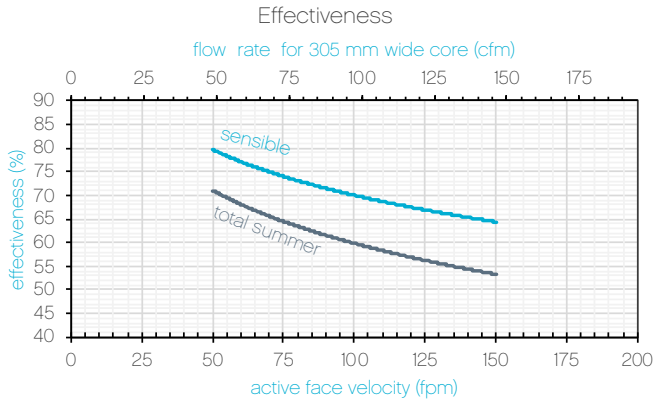
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M-ERV309

Standard (S)



High Efficiency (HE)

