

M-Series Residential

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



SIZE	SENSIBLE EFFECTIVENESS	AIRFLOW (cfm)	PRESSURE DROP (SUPPLY) (Inches of Water)	BASE DIMENSIONS (mm/in)	MAXIMUM WIDTH (mm/in)
M-ERV250	70%	70 - 50	0.15 - 0.10 ¹	250 mm (9.8 in)	500 mm (19.6 in)
M-ERV309	75%	130 - 65	0.27 / 0.08 ²	309 mm (12.2 in)	700 mm (27.5 in)

¹ Based on width of 254mm (10 in)

² Based on width of 305mm (12 in)



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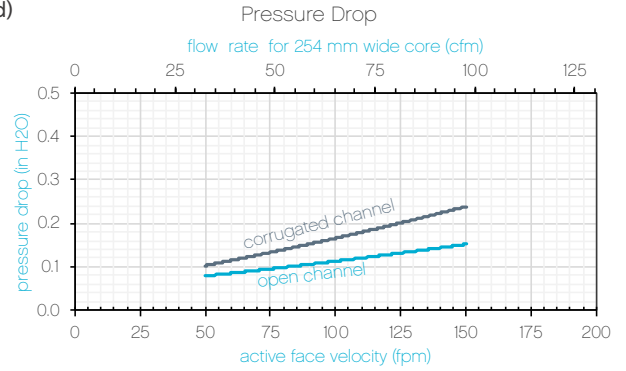
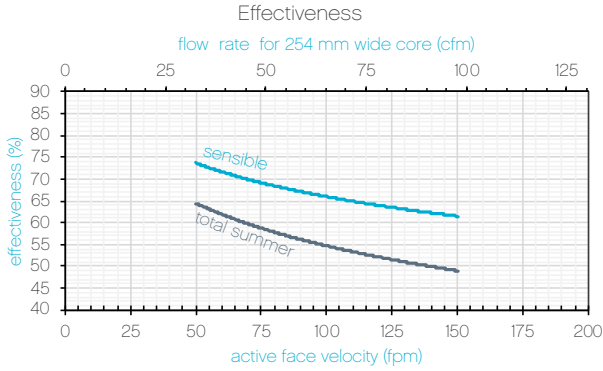
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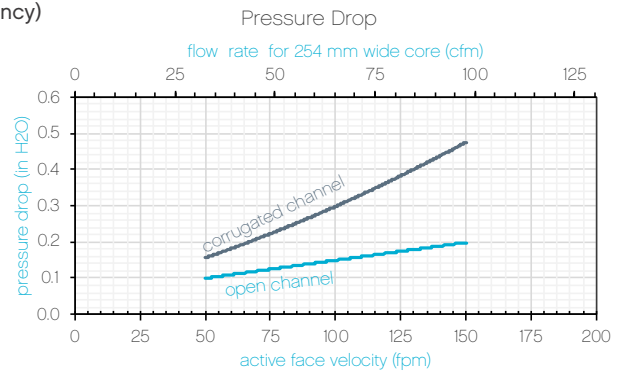
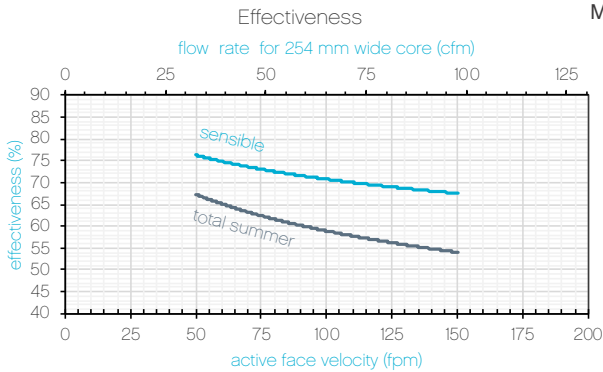
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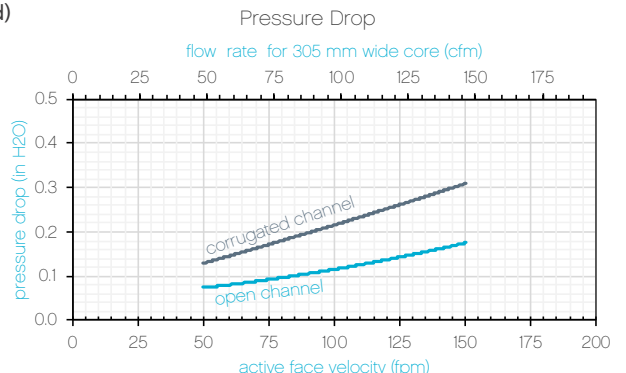
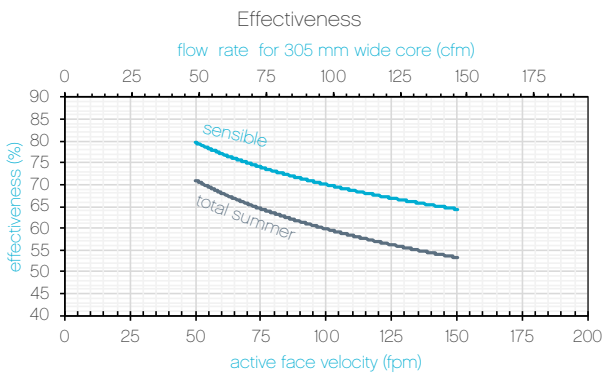
M-ERV250 (Standard)



M-ERV250 (High Efficiency)



M-ERV309 (Standard)



M-ERV309 (High Efficiency)

