

# M-ERV250

## BIGGER, BETTER, FASTER, STRONGER

### DESCRIPTION

High performance polymer membrane based energy recovery exchanger (ERV) that blocks VOC's, CO<sub>2</sub> 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 CO<sub>2</sub>, 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-ERV250 is available with a standard base of 250 mm (9.8 inches) and up to 500 mm (19.6 inches) width

M-ERV250	SENSIBLE EFFECTIVENESS	AIRFLOW (cfm)	PRESSURE DROP (OPEN CHANNEL) (Inches of Water)	BASE DIMENSIONS (mm/in)	MAXIMUM CORE WIDTH (mm/in)
HE	70%	70	0.15	250 mm (9.8 in)	500 mm (19.6 in)
S	70%	50	0.10		

\*Based on width of 254mm (10 in)



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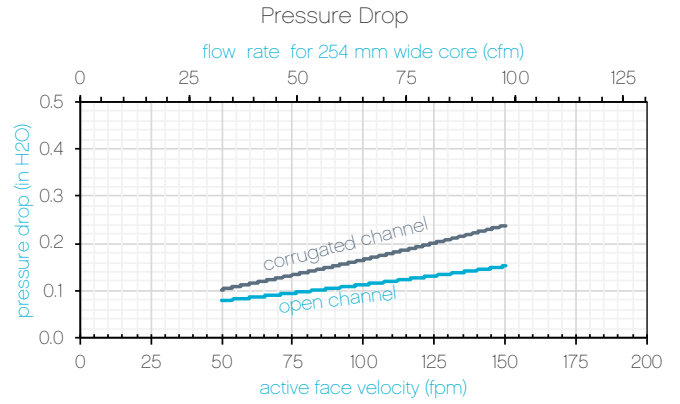
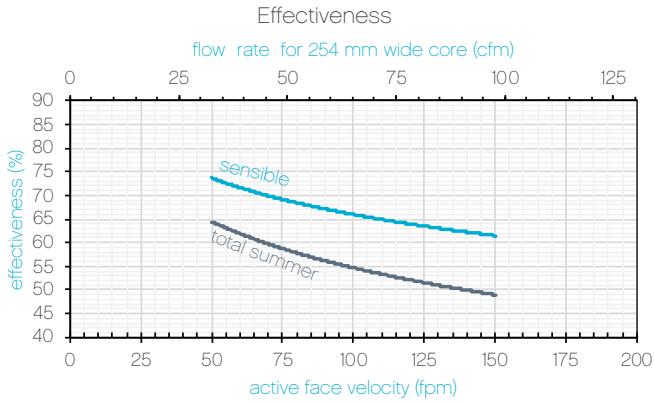
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## Standard (S)



## High Efficiency (HE)

