

# M-Series Commercial

## BIGGER, BETTER, FASTER, STRONGER

### DESCRIPTION

High performance polymer based membrane 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

Schools, Healthcare, Casinos, Offices

### PRODUCT BENEFITS

- Lower pressure drop on supply air side
- <1% EATR
- More rigid & robust frame design
- 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
- ISO846 Hygiene rating of 0 for mold & bacteria growth
- Water washable
- AHRI certified
- UL listed component



SIZE	TOTAL EFFECTIVENESS	AIRFLOW (cfm)	PRESSURE DROP (SUPPLY) (Inches of Water)	BASE DIMENSIONS (mm/in)	MAXIMUM WIDTH (mm/in)
M-ERV575	60% - 50%	1500 - 2000	0.7 - 0.6	575 mm (22.6 in)	1000 mm (39.4 in)
M-ERV600	60% - 50%	1500 - 2300	0.9 - 0.5	600 mm (23.6 in)	1000 mm (39.4 in)
M-ERV750	60% - 50%	1800 - 2600	0.5 - 0.3	750 mm (29.5 in)	1000 mm (39.4 in)
M-ERV1000	60% - 50%	2900 - 5000	1.0 - 0.4	1000 mm (39.4 in)	1000 mm (39.4 in)

\*Based on width of 1000mm (39.4 inch)



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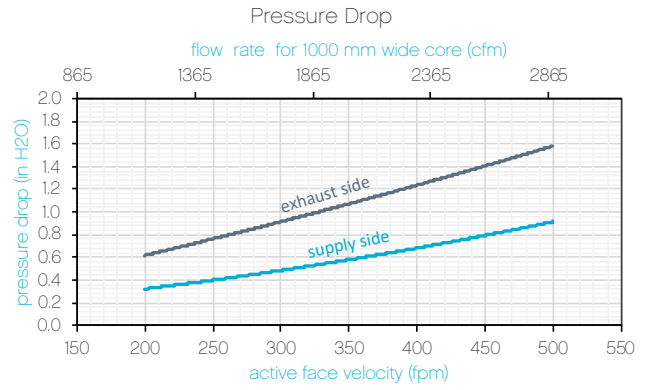
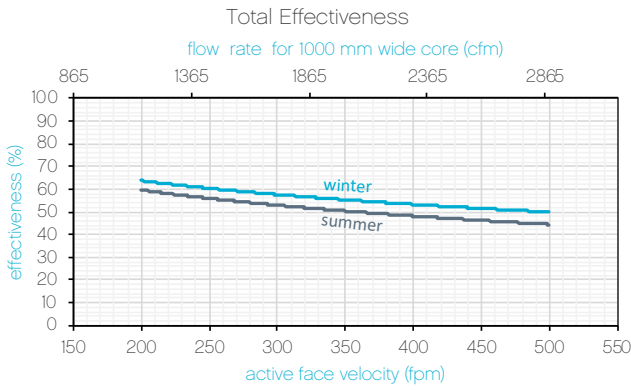
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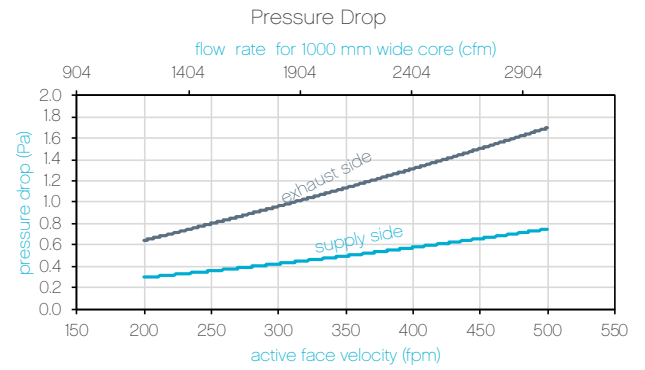
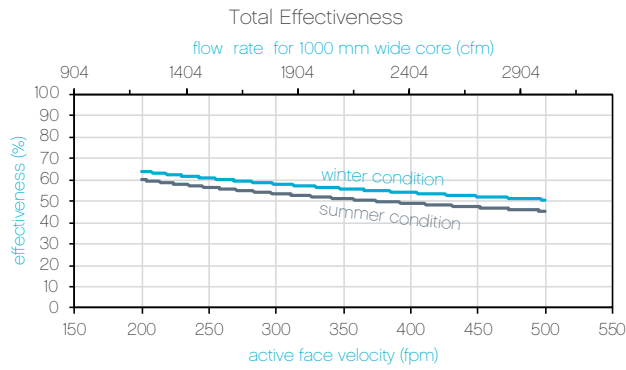
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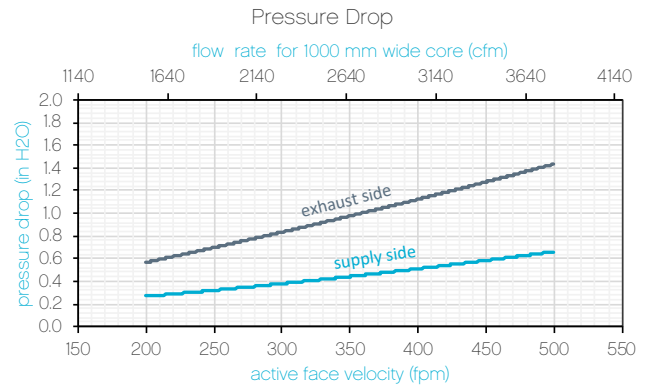
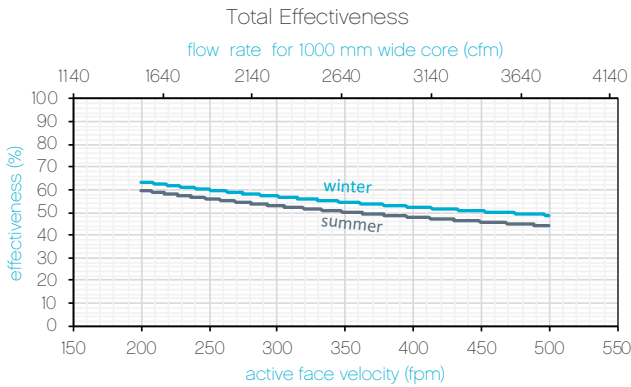
M-ERV575



M-ERV600



M-ERV750



M-ERV1000

