

## CORE M-Series: EMC-750-1000-300-ND-S

### DESCRIPTION

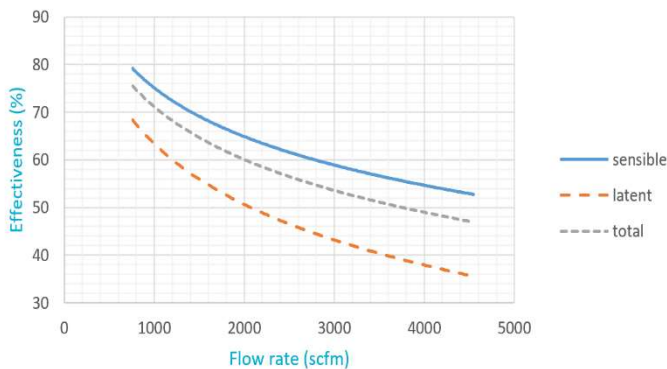
CORE M-Series Exchangers are built with a unique, patented polymer membrane that blocks odors, viruses, and VOC's while facilitating the transport of heat and water vapor. M-Series exchangers feature a unique open channel design that reduces pressure drop on the supply side. M-Series exchangers are available in 6 standards sizes with multiple pitch configurations.

	supply & exhaust		Winter			Summer			Pressure Drop	
	scfm	fpm	sensible	latent	total eff.	sensible	latent	total eff.	supply	exhaust
			%	%	%	%	%	%	in.wg	in.wg
AHRI 1060 flow & pressure	758	100	79	68	75	79	68	72	0.08	0.22
	1704	225	67	54	63	67	54	59	0.19	0.53
	2650	350	61	45	56	61	45	51	0.34	0.88
	3597	475	56	40	51	56	40	46	0.52	1.25
	4543	600	53	35	47	53	35	42	0.74	1.66

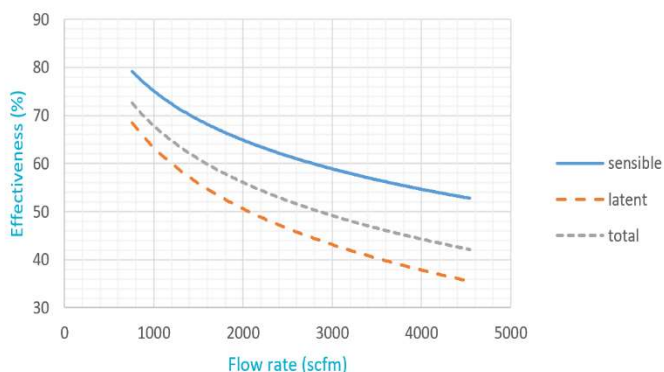
\*This data is for AHRI 1060 standard conditions and under balanced flow.

### Effectiveness

Effectiveness at balanced flow-winter



Effectiveness at balanced flow-summer



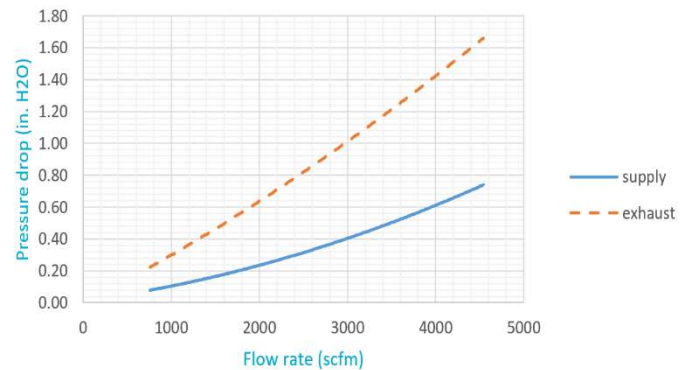
\*Based on a CORE height of 1000 mm, test conditions following AHRI Summer and Winter Conditions

### PRODUCT BENEFITS

- UL 723 Flame Certified
- Enthalpy media certified to ASTM F-1671 - no transfer of viruses
- Manufactured with a hygienic, mold and bacteria resistant, water washable polymer membrane
- Certified to 0.5 % EATR
- Unique odor blocking technology

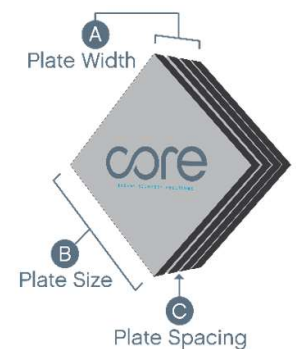
### PRESSURE DROP

Pressure drop at balanced flow



### DIMENSIONS [inch]

Product Dimensions	
A-Width	39.4 in
B-Plate Size	29.5 in
C-Plate Spacing	0.11 in
D-Diagonal	41.8 in
# Sections	1
Cores per section	1
Rows Deep	1
Total cores	1



Visit us at [www.core.life](http://www.core.life) to learn more about us and our products. We look forward to hearing from you!

