

CORE Multicore M-Series: EMC-1500-1000-300-ND-S

DESCRIPTION

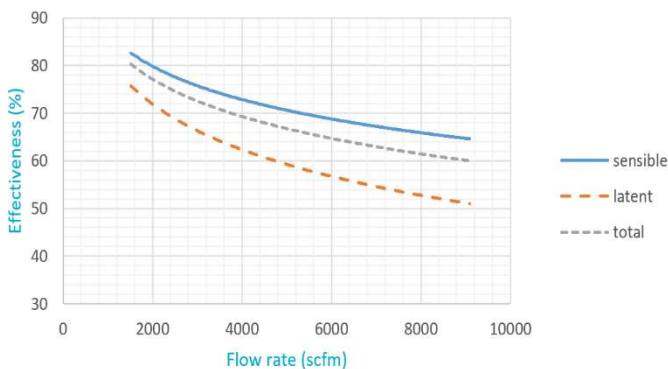
CORE Multicore M-Series exchangers feature CORE's unique polymer membrane and are built on an automated production line in Vancouver, BC. Each multicore section is comprised of 4 individual exchangers. With multiple pitch options across 6 standard sizes, M-Series exchangers are robust, high-performing and trusted in critical applications across North America.

	supply & exhaust		Winter			Summer			Pressure Drop	
	scfm	fpm	sensible %	latent %	total eff. %	sensible %	latent %	total eff. %	supply in.wg	exhaust in.wg
AHRI 1060* balanced flow & 1000mm	1516	100	83	75	80	83	75	78	0.16	0.44
	3408	225	75	65	71	75	65	69	0.39	1.07
	5301	350	70	59	66	70	59	63	0.68	1.75
	7193	475	67	54	63	67	54	59	1.04	2.50
	9086	600	64	50	60	64	50	56	1.48	3.33

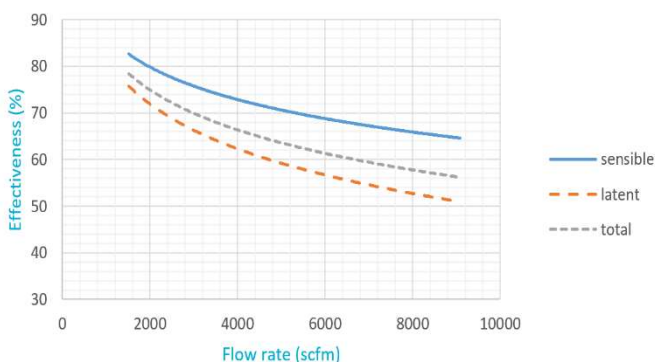
*This data is for AHRI 1060 standard conditions and under balanced flow.

Effectiveness

Effectiveness at balanced flow-winter



Effectiveness at balanced flow-summer



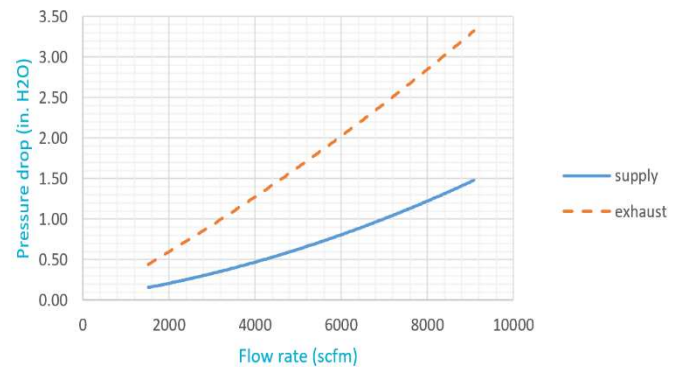
*Based on a CORE height of 1000 mm, test conditions following AHRI Summer and Winter Conditions

PRODUCT BENEFITS

- UL 723 certified for Flame Spread
- Manufactured with a hygienic, mold and bacteria resistant, water washable polymer membrane
- Available heights: 50 – 1000 mm
- Certified to 0.5% EATR

PRESSURE DROP

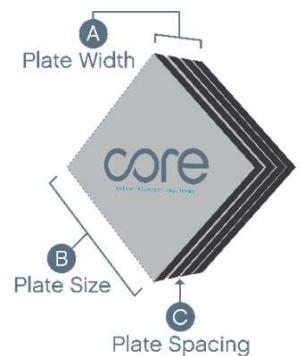
Pressure drop at balanced flow



DIMENSIONS [inch]

Product Dimensions

A-Width	39.4 in
B-Plate Size	59.1 in
C-Plate Spacing	0.11 in
D-Diagonal	83.5 in
# Sections	1
Cores per section	4
Rows Deep	1
Total cores	4



Visit us at www.core.life to learn more about us and our products. We look forward to hearing from you!