

CORE X-Series: EXC-600-500-300-ND-O

DESCRIPTION

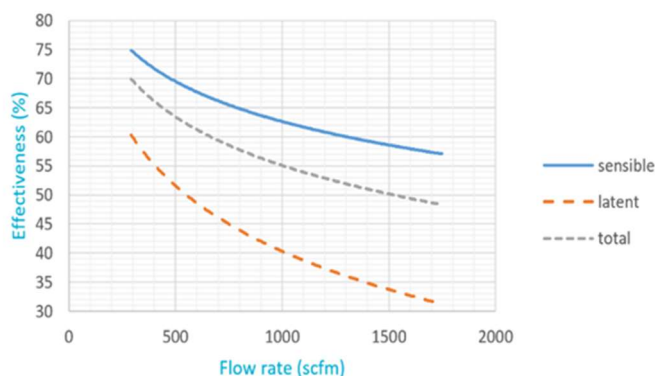
CORE X-Series Exchangers are built with a unique, patented polymer membrane that blocks odors, viruses, and VOC's while facilitating the transport of heat and water vapor. X-Series exchangers are fully customizable and can be selected to the mm in depth and plate size. X-series exchangers are available in stacked arrays and multicores and can withstand a pressure differential of 6".

	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 & low ΔT	292	100	75	60	70	75	57	64	0.01	0.09
	656	225	67	47	60	67	44	53	0.30	0.56
	1020	350	62	40	55	62	36	46	0.58	1.02
	1385	475	59	35	51	59	32	42	0.90	1.54
	1749	600	57	31	48	57	28	39	1.20	2.03

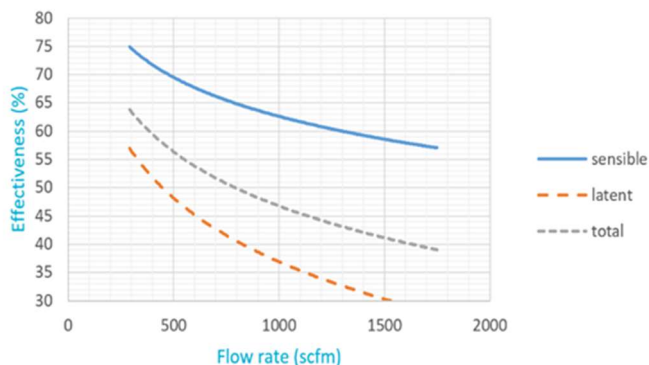
*This data is for AHRI 1060 standard conditions and under balanced flow.

Effectiveness

Effectiveness at balanced flow-winter



Effectiveness at balanced flow-summer



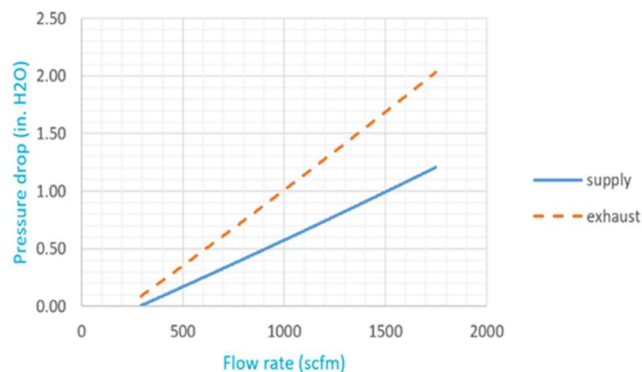
*Based on a CORE height of 500 mm, test conditions following AHRI Summer and Winter Conditions

PRODUCT BENEFITS

- UL 723 certified for flame spread
- Enthalpy media certified to ASTM F-1671
- Manufactured with a hygienic, mold and bacteria resistant, water washable polymer membrane
- Certified to 0.5 % EATR
- Freeze thaw cycle tested with no change in performance

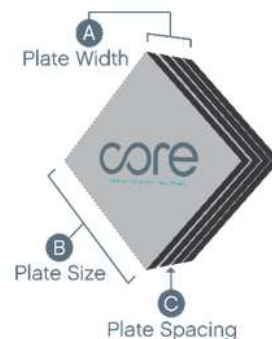
PRESSURE DROP

Pressure drop at balanced flow



DIMENSIONS [inch]

Product Dimensions	
A-Width	19.7 in
B-Plate Size	23.6 in
C-Plate Spacing	0.12 in
D-Diagonal	33.4 in
# Sections	1
Cores per section	1
Rows Deep	1
Total cores	1



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

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