

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

DESCRIPTION

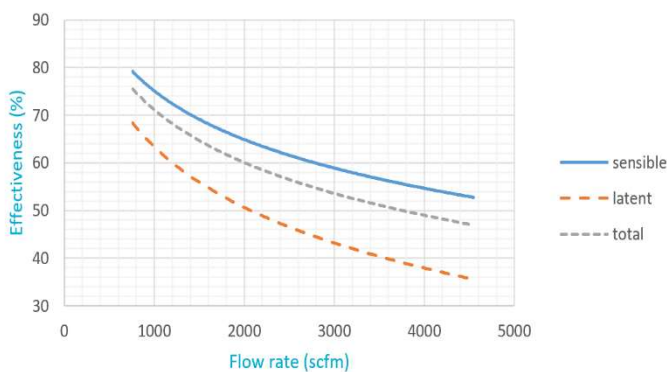
CORE M-Series Exchangers are built with a unique, patented polymer membrane that blocks odors, viruses, and VOC's while facilitating the transport of heat and water vapor. M-Series exchangers feature a unique open channel design that reduces pressure drop on the supply side. M-Series exchangers are available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

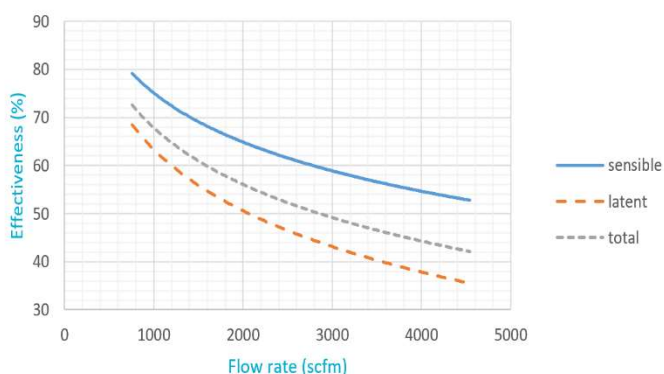
*This data is for AHRI 1060 standard conditions and under balanced flow.

Effectiveness

Effectiveness at balanced flow-winter



Effectiveness at balanced flow-summer



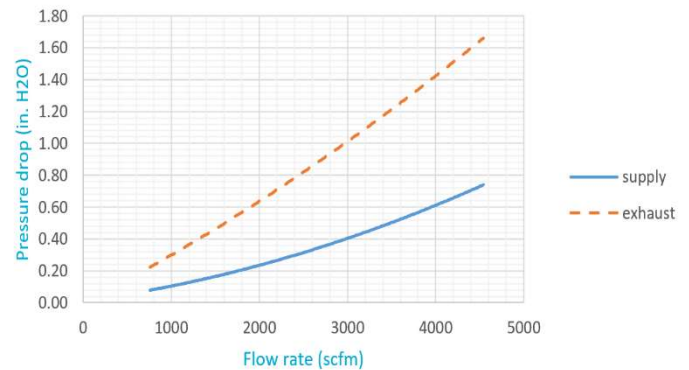
*Based on a CORE height of 1000 mm, test conditions following AHRI Summer and Winter Conditions

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

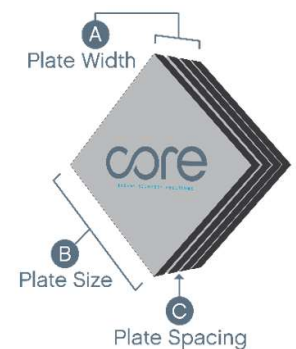
PRESSURE DROP

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 to learn more about us and our products. We look forward to hearing from you!