

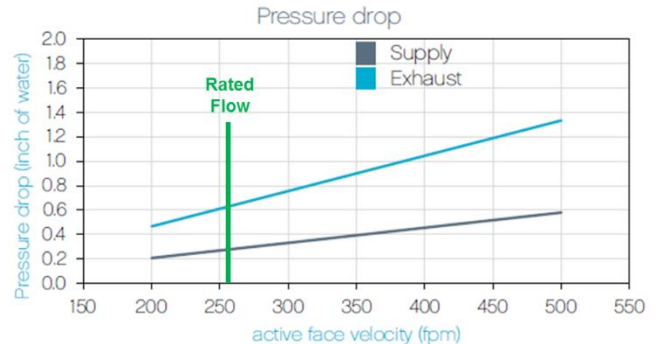
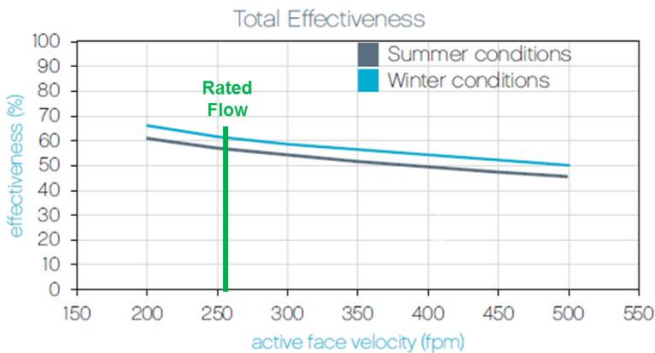
# Introducing the enERVent MCV Series



The all new high performance series of enERVent Energy Recovery Ventilators feature the latest in air to air heat exchange CORE technology and delivers the most economical value for energy recovery performance in applications ranging from 300 to 1,200 CFM. Utilizing a patented polymer membrane, Ruskin's enERVent Minicore ERV provides tremendous energy savings during both summer and winter operation. The Ruskin indoor Minicore Ventilators, combined with available EC motors and Johnson Controls Metasys technology, are perfect for applications such as office buildings, schools, meeting rooms and residential buildings.

Features	Advantages	Benefits
Proprietary Polymer membrane Paperless (No Cellulose) Aluminum Spacers	Water Washable Freeze Tolerant Resistant to Mold & Bacteria Improved Humidity & Moisture Control	Improved Reliability & Longevity Low Maintenance Faster Payback
Installation Flexibility	Field-Configurable Supply and Exhaust Connections	Simple & Easy Installation & Various Configurations
Low Pressure Drop CORE	Less Resistance to Airflow	Energy Savings
EC Motor Option	High Efficiency with Variable Speed Capabilities	Energy Savings
JCI Metasys Control Option	Seamless Integration into existing Building Automation Systems (BAS) & BACnet Integration	Easy Set-Up, Installation, Commissioning & Unit Connectivity / Control

## MCV Operational Performance

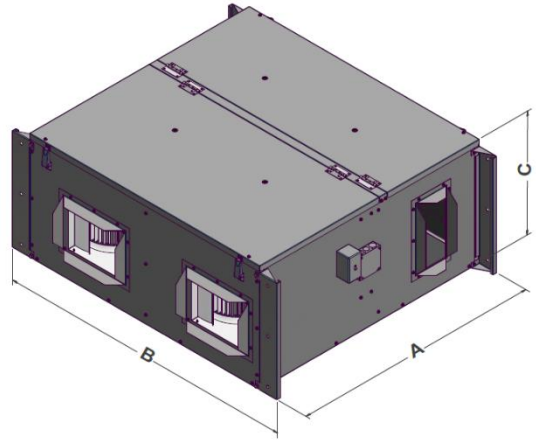


**\* CORE operating performance @ 100% Rated CFM**

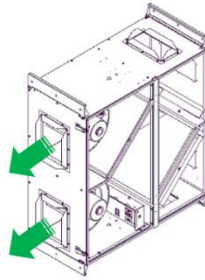
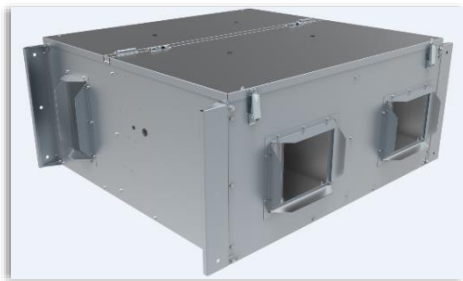
## Cabinet Dimensions

Model	A	B	C	Approx. Weight (Lbs)	Airflow Range (CFM)
MCV500	42.3	50.9	15.5	200	300-600
MCV1000	42.3	50.9	20.6	235	600-1,200

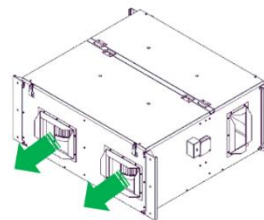
All Dimensions shown are in inches



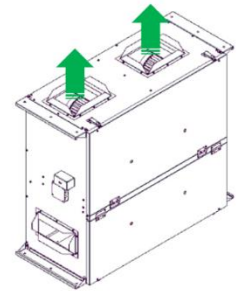
## Mounting Configurations



HORIZONTAL



SIDE



VERTICAL

## Patented Polymer Membrane CORE Technology



- ✓ Proprietary Polymer Membrane
- ✓ Water Washable (No Cellulose)
- ✓ Freeze Tolerate (No Cellulose)
- ✓ Lower Frosting Temp & Shorter Defrost Time
- ✓ Avoid Virus Transfer (ASTM F-1671 - 0 Penetration)
- ✓ Mold & Bacteria Resistant (ISO 846 – Rating 0)
- ✓ Crossover EATR < 0.5%
- ✓ Low Pressure Drop (0.35 in w.g. @ 100% Rated CFM)
- ✓ Sturdy Aluminum Frame
- ✓ AHRI 1060 Certified
- ✓ ASHRAE 90.1 Compliance



## Accessories

- EC Motors
- Johnson Controls – Metasys BACnet MS/TP – MAP
- Isolation / Backdraft Dampers
- MERV 13 Filters



Ruskin ERVs products qualifies for U.S. Green Business Council LEED credits. The standard code officials recognize the benefits of utilizing Mini Energy Recovery Ventilators in light commercial applications. Johnson Controls Inc., third party certification ETL (per UL 1995, CSA 22.2) and energy wheel performance (AHRI) verify that these units provide the published amounts of ventilation air at the mandated energy recovery effectiveness per ASHRAE standard 62.1.