



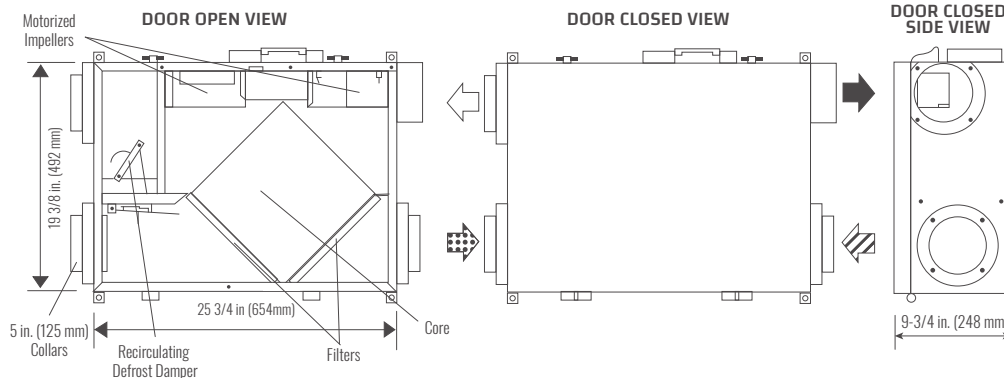
METRO 120 ERVD  
127 CFM @ 0.3 (75) IN. W.G. (PA)

**BRINGING COMPACT TO A WHOLE NEW LEVEL**

- Designed for high-rise condos, apartments and townhomes with limited mechanical space
- Low profile, fits in bulkhead and drop ceilings, slim height 9.75"
- Brackets included for easy installation
- No drains required
- Removable motor and electronic assembly for easy maintenance and service
- Convenient hinged door – no screws

NOTE: Front clearance of 25 in. (635 mm) is recommended for servicing unit.  
All ducts use 5 in. (125 mm) round collars.  
All units conform to CSA and UL standards.

**DIMENSIONS**



**Standard Airflow:**

- ⇨ Stale Air to Outside
- ⇦ Fresh Air from Outside
- ⇩ Stale Air from Inside
- ⇨ Fresh Air to Inside

**Mirrored Airflow:**

- ⇨ Fresh Air to Inside
- ⇦ Stale Air from Inside
- ⇩ Fresh Air from Outside
- ⇨ Stale Air to Outside

**FEATURES**

|   |   |
|---|---|
| <b>TOTAL RECOVERY CORE</b>                      | Cross-flow energy recover core transfers heat and water vapor between two airstreams. Easily removed for cleaning or service.                       |
| <b>MOTORS AND BLOWERS</b>                       | Each airstream has an independent centrifugal blower with multiple fan speed operation.   |
| <b>MERV 6 FILTERS</b>                           | Washable air filters in exhaust and supply airstreams.<br><b>MERV 13 Upgrade: 65-195-6R.</b>  |
| <b>MOUNTING</b>                                 | Mounting brackets supplied for ceiling installation.  |
| <b>DEFROST</b>                                  | Temperature sensor activated, recirculating damper defrost.<br>Drains not required.   |
| <b>CASE</b>                                     | 22 gauge prepainted galvanized steel for superior corrosion resistance, insulated to prevent exterior condensation.                                 |
| <b>INSTALLER SELECTABLE HIGH SPEED SETTINGS</b> | Adjustable DIP switches are located on the circuit board, Hi3 is the factory setting. Refer to the installation manual for adjustment instructions. |
| <b>ELECTRONICS</b>                              | The main control can be wall mounted in a central location of the home. 3 wire 20 gauge (min.) 100 ft length (max.).                                |
| <b>OPTIONAL FEATURES</b>                        | Hardwired, and mirrored configurations are available.<br><b>Mirrored Option SKU: METRO-120ERVD-M.</b>   |

**Weight: 37 lbs (16.8 KG) • Shipping Weight: 39 lbs (17.7 KG)**

**SPECIFICATIONS**



|                                 |  |
|---------------------------------|--|
| <b>MODEL:</b>                   | <b>METRO 120 ERVD</b>  |
| <b>VOLTAGE:</b>                 | 120 V  |
| <b>FREQUENCY:</b>               | 60 Hz  |
| <b>WATTS @ 64 CFM (30 L/S):</b> | 68 W   |
| <b>CURRENT:</b>                 | 1.4 A  |
| <b>AIRFLOW @ 0.3:</b>           | 127 CFM  |
| <b>WEIGHT:</b>                  | 37 lbs / 16.8 kg   |
| <b>DRAIN:</b>                   | No   |
| <b>MCA:</b>                     | 2.0 A  |
| <b>MOP:</b>                     | 15 A   |
| <b>WARRANTY:</b>                | Units carry a 5 year warranty on the ERV core and a 5 year replacement parts warranty. |



**PERFORMANCE**

| IN. W.G. (PA)                | 0.2 (50)<br>CFM (L/s) | 0.3 (75)<br>CFM (L/s) | 0.4 (100)<br>CFM (L/s) | 0.5 (125)<br>CFM (L/s) | 0.6 (150)<br>CFM (L/s) | 0.7 (175)<br>CFM (L/s) | 0.8 (200)<br>CFM (L/s) | 0.9 (225)<br>CFM (L/s) |
|------------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| <b>Net Supply Airflow</b>    | 131 (62)              | 127 (60)              | 123 (58)               | 117 (55)               | 112 (53)               | 106 (50)               | 100 (47)               | 93 (44)                |
| <b>Gross Supply Airflow</b>  | 131 (62)              | 127 (60)              | 123 (58)               | 119 (56)               | 112 (53)               | 108 (51)               | 102 (48)               | 93 (44)                |
| <b>Gross Exhaust Airflow</b> | 127 (60)              | 123 (58)              | 119 (56)               | 112 (53)               | 108 (51)               | 102 (48)               | 95 (45)                | 89 (42)                |

|   |                  |     |
|---|------------------|-----|
| <b>Sensible Effectiveness (ASE)<br/>@ 49 CFM (23 L/s)</b> | 32°F<br>(0°C)    | 83% |
| <b>Sensible Efficiency (SRE)<br/>@ 49 CFM (23 L/s)</b>    | 32°F<br>(0°C)    | 72% |
| <b>Sensible Efficiency (SRE)<br/>@ 64 CFM (30 L/s)</b>    | 32°F<br>(0°C)    | 71% |
| <b>Sensible Efficiency (SRE)<br/>@ 95 CFM (45 L/s)</b>    | 32°F<br>(0°C)    | 66% |
| <b>Sensible Efficiency (SRE)<br/>@ 57 CFM (27 L/s)</b>    | -13°F<br>(-25°C) | 57% |
| <b>Total Efficiency (TRE)<br/>@ 49 CFM (23 L/s)</b>       | 95°F<br>(35°C)   | 44% |
| <b>Total Efficiency (TRE)<br/>@ 49 CFM (23 L/s)</b>       | 95°F<br>(35°C)   | 41% |

