



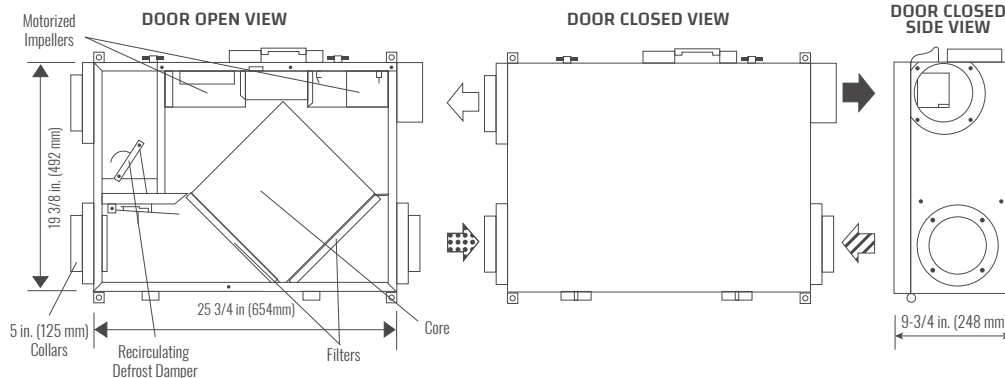
METRO 120 ERVD
127 CFM @ 0.3 (75) IN. W.G. (PA)

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



FEATURES

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

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

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



SPECIFICATIONS

MODEL:	METRO 120 ERVD
VOLTAGE:	120 V
FREQUENCY:	60 Hz
WATTS @ 64 CFM (30 L/S):	68 W
CURRENT:	1.4 A
AIRFLOW @ 0.3:	127 CFM
WEIGHT:	37 lbs / 16.8 kg
DRAIN:	No
MCA:	2.0 A
MOP:	15 A
WARRANTY:	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) CFM (L/s)	0.3 (75) CFM (L/s)	0.4 (100) CFM (L/s)	0.5 (125) CFM (L/s)	0.6 (150) CFM (L/s)	0.7 (175) CFM (L/s)	0.8 (200) CFM (L/s)	0.9 (225) CFM (L/s)
Net Supply Airflow	131 (62)	127 (60)	123 (58)	117 (55)	112 (53)	106 (50)	100 (47)	93 (44)
Gross Supply Airflow	131 (62)	127 (60)	123 (58)	119 (56)	112 (53)	108 (51)	102 (48)	93 (44)
Gross Exhaust Airflow	127 (60)	123 (58)	119 (56)	112 (53)	108 (51)	102 (48)	95 (45)	89 (42)

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

* Not an HVI certified data point

