

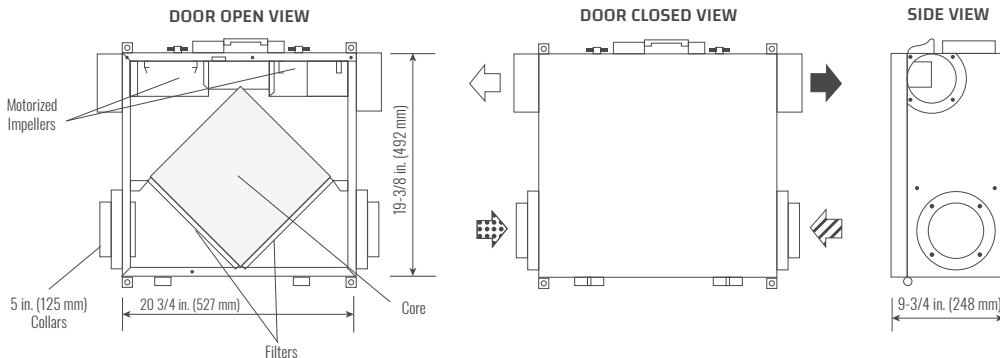
METRO 120 ERV-ECM
117 CFM @ 0.3 (75) IN. W.G. (PA)

**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”
- Flexible CFM operational range
- 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 high efficiency ECM 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 Supply air shuts off to defrost core with warm exhaust air at high speed. Drains not required.

CASE 22 gauge prepainted galvanized steel for superior corrosion resistance, insulated to prevent exterior condensation.

ELECTRONICS The optional control can be wall mounted in a central location of the home. 3 wire 20 gauge (min.) 100 ft length (max.).

OPTIONAL FEATURES Hardwired, mirrored, Auto Balance, and Fault Indication Display (FID) configurations are available.

Standard Airflow:

- ↔ Stale Air to Outside
- ↔ Fresh Air from Outside
- ↔ Stale Air from Inside
- ↔ Fresh Air to Inside

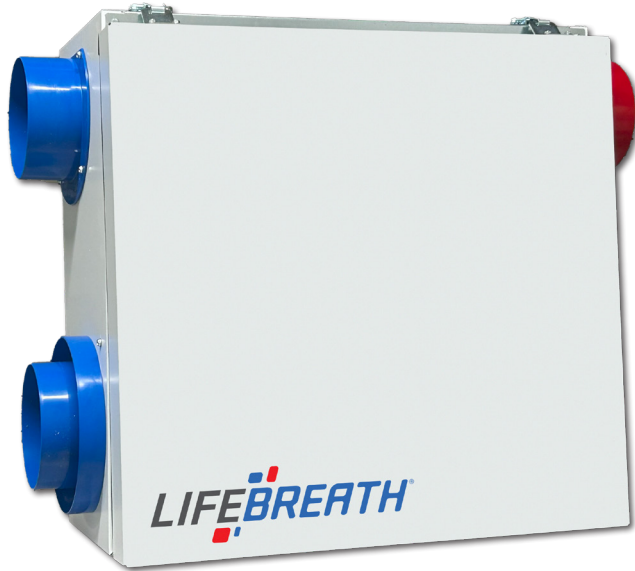
Mirrored Airflow:

- ↔ Fresh Air to Inside
- ↔ Stale Air from Inside
- ↔ Fresh Air from Outside
- ↔ Stale Air to Outside

Weight: 34 lbs (15.5 KG) • Shipping Weight: 36 lbs (16 KG)

LIFEBREATH[®] METRO 120 ERV-ECM

Indoor Air Systems ENERGY RECOVERY VENTILATOR



SPECIFICATIONS

MODEL:	METRO 120 ERV-ECM
VOLTAGE:	120 V
FREQUENCY:	60 Hz
WATTS @ 49 CFM (23 L/S):	22 W
CURRENT:	1.4 A
AIRFLOW @ 0.3:	117 CFM
WEIGHT:	34 lbs / 15.5 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	123 (58)	117 (55)	108 (51)	97 (46)	87 (41)	74 (35)	57 (27)	40 (19)
Gross Supply Airflow	125 (59)	119 (56)	110 (52)	100 (47)	89 (42)	74 (35)	59 (28)	40 (19)
Gross Exhaust Airflow	121 (57)	117 (55)	110 (52)	104 (49)	93 (44)	78 (37)	57 (27)	28 (13)

**Sensible Effectiveness (ASE)
@ 49 CFM (23 L/s)** 32°F (0°C) 79%

**Sensible Efficiency (SRE)
@ 49 CFM (23 L/s)** 32°F (0°C) 72%

**Total Efficiency (TRE)
@ 49 CFM (23 L/s)** 95°F (35°C) 51%

