



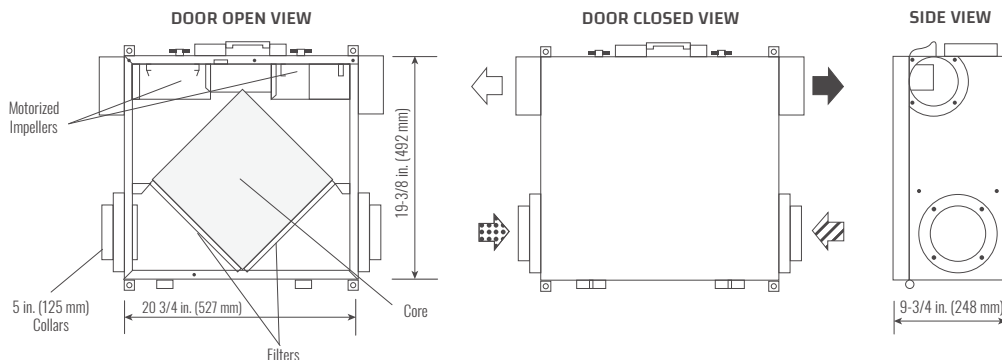
METRO 120 ERV
129 CFM @ 0.3 (75) IN. W.G. (PA)

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 22 in. (559 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

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.

DEFROST

Temperature sensor activated, periodically shuts down supply motor. 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 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, and mirrored configurations are available.
Mirrored Option SKU:
METRO-120ERV-M.

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



SPECIFICATIONS

MODEL:	METRO 120 ERV
VOLTAGE:	120 V
FREQUENCY:	60 Hz
WATTS @ 49 CFM (23 L/S):	60 W
CURRENT:	1.4 A
AIRFLOW @ 0.3:	129 CFM
WEIGHT:	34 lbs / 15.5 kg
DRAIN:	Optional
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	133 (63)	129 (61)	125 (59)	119 (56)	114 (54)	108 (51)	102 (48)	93 (44)
Gross Supply Airflow	136 (64)	131 (62)	127 (60)	121 (57)	117 (55)	110 (52)	102 (48)	93 (44)
Gross Exhaust Airflow	133 (63)	129 (61)	125 (59)	121 (57)	114 (54)	110 (52)	104 (49)	95 (45)

Sensible Effectiveness (ASE)
@ 49 CFM (23 L/s) 32°F (0°C) 82%

Sensible Efficiency (SRE)
@ 49 CFM (23 L/s) 32°F (0°C) 69%

Total Efficiency (TRE)
@ 49 CFM (23 L/s) 95°F (35°C) 45%

