



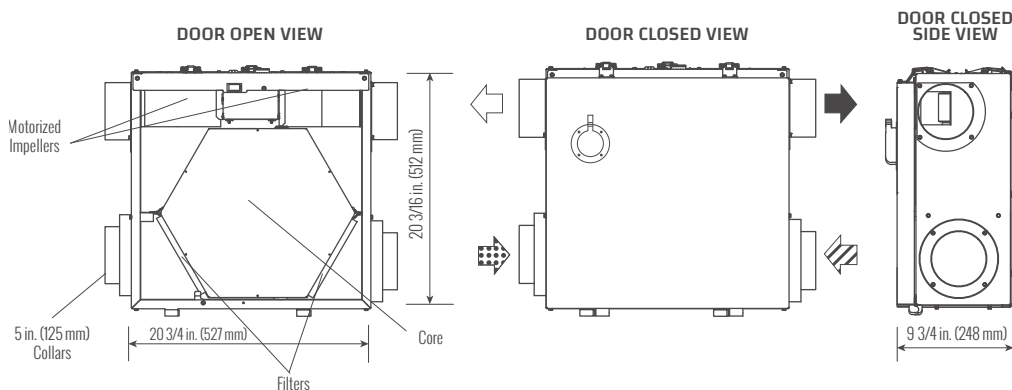
METRO 120F-ECM
117 CFM @ 0.3 (75) IN. W.G. (PA)

**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 in. (plus 1 in. drain cup)
- 50-130 CFM operational range
- 3 High speed selections
- Brackets included for easy install
- Aluminum HEX Core for superior heat transfer
- Fan Defrost
- Multi-positional drain
- Removable motor and electronic assembly for easy maintenance and service
- Swing open e-box cover for quick access to circuit board and DIP switches
- 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

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

FEATURES

**THERMALLY
CONDUCTIVE
HEX CORE**

Counter-flow heat recovery core transfers heat between two airstreams. It is 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.

CASE

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

ELECTRONICS

Main control can be wall mounted in a central location. 3 wire 20 gauge (min.) 100 ft. length (max.)

**OPTIONAL
FEATURES**

Hardwired, Auto Balance, and Fault Indicator Display configurations available.



SPECIFICATIONS

MODEL:	METRO 120F-ECM
VOLTAGE:	120 V
FREQUENCY:	60 Hz
WATTS @ 64 CFM (30 L/S):	18 W
CURRENT:	1.4 A
AIRFLOW @ 0.3:	117 CFM
WEIGHT:	34 lbs / 15.5 kg
DRAIN:	Yes
MCA:	2.0 A
MOP:	15 A
WARRANTY:	Units carry a lifetime warranty on the HRV core and a 5 year replacement parts warranty.

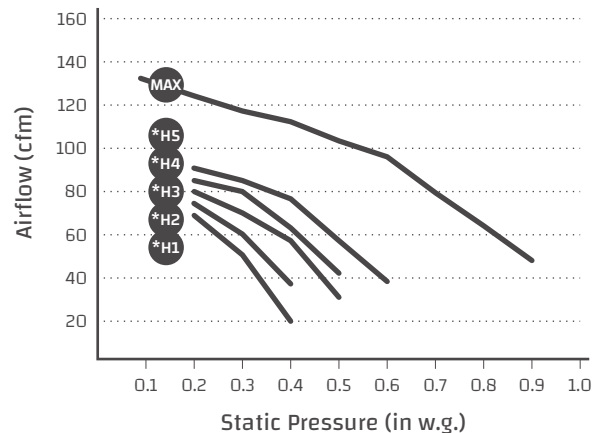


PERFORMANCE

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)	110 (52)	102 (48)	91 (43)	81 (38)	68 (32)	51 (24)
Gross Supply Airflow	123 (58)	117 (55)	110 (52)	102 (48)	93 (44)	81 (38)	68 (32)	51 (24)
Gross Exhaust Airflow	112 (53)	106 (50)	100 (47)	91 (43)	83 (39)	72 (34)	59 (28)	44 (21)

***Sensible Efficiency (ASE)**
@ 49 CFM (23 L/s) 32°F (0°C) 78%

Sensible Efficiency (SRE)
@ 49 CFM (23 L/s) 32°F (0°C) 71%



* Not an HVI certified data point