



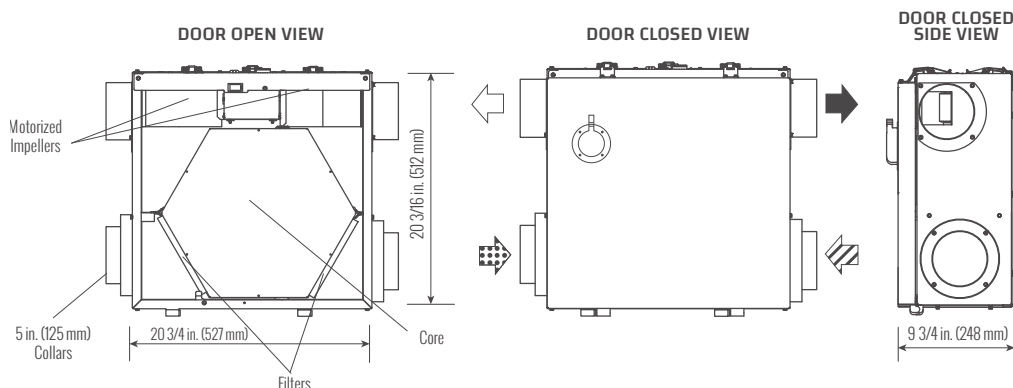
METRO 120F-ECM-AB  
117 CFM @ 0.3 (75) IN. W.G. (PA)

## 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
- 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

## FEATURES

### AUTO BALANCE

DXPL03 control allows airflow to be selected for both supply and exhaust air streams. Live air pressure measurements enable automatic and continuous adjustment of fan speeds to ensure constant user selected airflow.

### FAULT INDICATION DISPLAY (FID)

Title 24 Compliant. A FID enabled HRV or ERV is capable of displaying error codes for certain types of faults which impact operation of the system.

### 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 configuration available

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



**SPECIFICATIONS**

<b>MODEL:</b>	<b>METRO 120F-ECM-AB</b>
<b>VOLTAGE:</b>	120 V
<b>FREQUENCY:</b>	60 Hz
<b>WATTS @ 64 CFM (30 L/S):</b>	18 W
<b>CURRENT:</b>	1.4 A
<b>AIRFLOW @ 0.3:</b>	117 CFM
<b>WEIGHT:</b>	34 lbs / 15.5 kg
<b>DRAIN:</b>	Yes
<b>MCA:</b>	2.0 A
<b>MOP:</b>	15 A
<b>WARRANTY:</b>	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)
<b>Net Supply Airflow</b>	123 (58)	117 (55)	110 (52)	102 (48)	91 (43)	81 (38)	68 (32)	51 (24)
<b>Gross Supply Airflow</b>	123 (58)	117 (55)	110 (52)	102 (48)	93 (44)	81 (38)	68 (32)	51 (24)
<b>Gross Exhaust Airflow</b>	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%

