



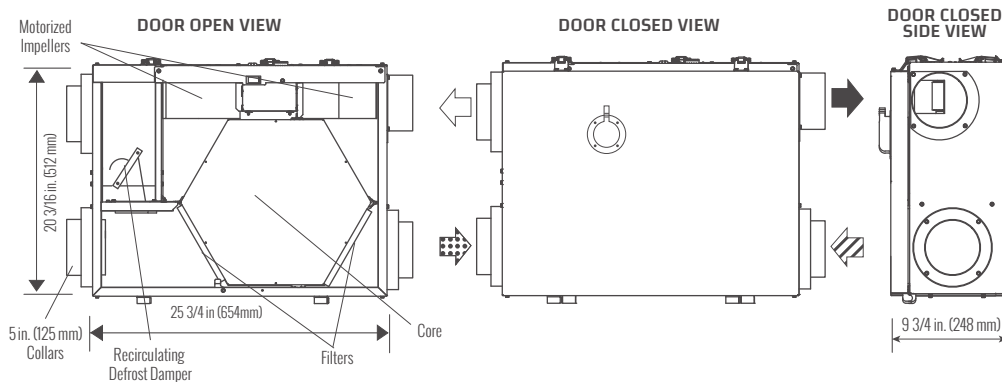
METRO 120D-ECM
121 CFM @ 0.3 (75) IN. W.G. (PA)

**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. of drain cup)
- 50-130 CFM operational range
- 5 High speed selections
- Brackets included for easy install
- Aluminum HEX Core for superior heat transfer
- Damper Defrost with intelligent features and ice breaker technology
- 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

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

Intelligent recirculating damper defrost system.

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: 40 lbs (18.7 KG) • Shipping Weight: 44 lbs (20 KG)

SPECIFICATIONS



MODEL:	METRO 120D-ECM
VOLTAGE:	120 V
FREQUENCY:	60 Hz
WATTS @ 64 CFM (30 L/S):	22 W
CURRENT:	1.4 A
AIRFLOW @ 0.3:	121 CFM
WEIGHT:	40 lbs / 18.7 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	127 (60)	121 (57)	114 (54)	106 (50)	100 (47)	89 (42)	74 (35)	59 (28)
Gross Supply Airflow	127 (60)	121 (57)	114 (54)	108 (51)	100 (47)	89 (42)	76 (36)	59 (28)
Gross Exhaust Airflow	123 (58)	117 (55)	112 (53)	106 (50)	100 (47)	89 (42)	74 (35)	53 (25)

Sensible Effectiveness (ASE) @ 49 CFM (23 L/s)	32°F (0°C)	77%
Sensible Effectiveness (ASE) @ 64 CFM (30 L/s)	32°F (0°C)	74%
Sensible Efficiency (SRE) @ 64 CFM (30 L/s)	32°F (0°C)	68%
Sensible Efficiency (SRE) @ 55 CFM (26 L/s)	-13°F (-25°C)	59%

