



RNC 110
108 CFM @ 0.3 (73) IN. W.G. (PA)

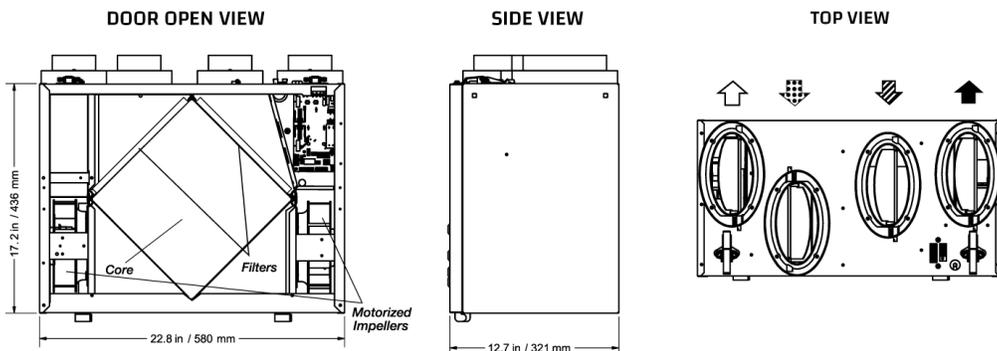
SUPERIOR PERFORMANCE TOP CHOICE ERV

- Three units in one by way of the high speed select feature allows for maximum control of airflow and comfort
- Enthalpy energy exchange core
- Top port design with built-in balancing dampers
- No drains required
- Door Port Balancing & Adjustable Dampers

NOTES:

- Front clearance of 25 in. (635 mm) is recommended for servicing unit.
- All ducts use 5 in. (125 mm) round collars.
- Balancing dampers are located on all collars.
- All units conform to CSA and UL standards.

DIMENSIONS



Airflow:

- ◻ Stale Air to Outside
- ▣ Fresh Air from Outside
- ▤ Stale Air from Inside
- ◼ Fresh Air to Inside

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 motorized impeller with multiple fan speed operation.

MERV 8 FILTERS

Washable air filters in exhaust and supply airstreams.
MERV 13 Upgrade: 65-195-6R.

MOUNTING

Adjustable hanging straps supplied.

DEFROST

Fan defrost.

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

Weight: 51 lbs (23 KG) • Shipping Weight: 54 lbs (25 KG)

LIFEBREATH[®] RNC 110

Indoor Air Systems ENERGY RECOVERY VENTILATOR



SPECIFICATIONS

MODEL:	RNC110
VOLTAGE:	120 V
FREQUENCY:	60 Hz
WATTS @ 64 CFM (30 L/S):	73 W
CURRENT:	1.7 A
AIRFLOW @ 0.3:	108 CFM
WEIGHT:	51 lbs / 23 kg
DRAIN:	Yes
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	119 (56)	108 (51)	100 (47)	89 (42)	78 (37)	70 (33)	59 (28)	51 (24)
Gross Supply Airflow	119 (56)	110 (52)	100 (47)	91 (43)	81 (38)	70 (33)	61 (29)	51 (24)
Gross Exhaust Airflow	119 (56)	108 (51)	100 (47)	91 (43)	83 (39)	74 (35)	66 (31)	55 (26)

Sensible Effectiveness (ASE) @49CFM (23L/S)* 32°F (0°C) 85%

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

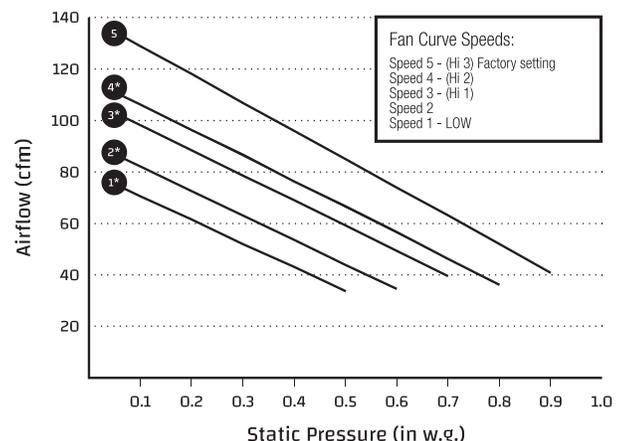
Sensible Effectiveness (ASE) @64CFM (30L/S)* 32°F (0°C) 82%

Sensible Efficiency (SRE) @64CFM (30L/S) 32°F (0°C) 71%

Sensible Effectiveness (ASE) @108CFM (51L/S)* 32°F (0°C) 75%

Sensible Efficiency (SRE) @108CFM (51L/S) 32°F (0°C) 65%

Total Efficiency (TRE) @ 64 CFM (30 L/s) 95°F (35°C) 43%



* Not an HVI certified point