

# LIFEBREATH® RNC 205

Indoor Air Systems **HEAT RECOVERY VENTILATOR**



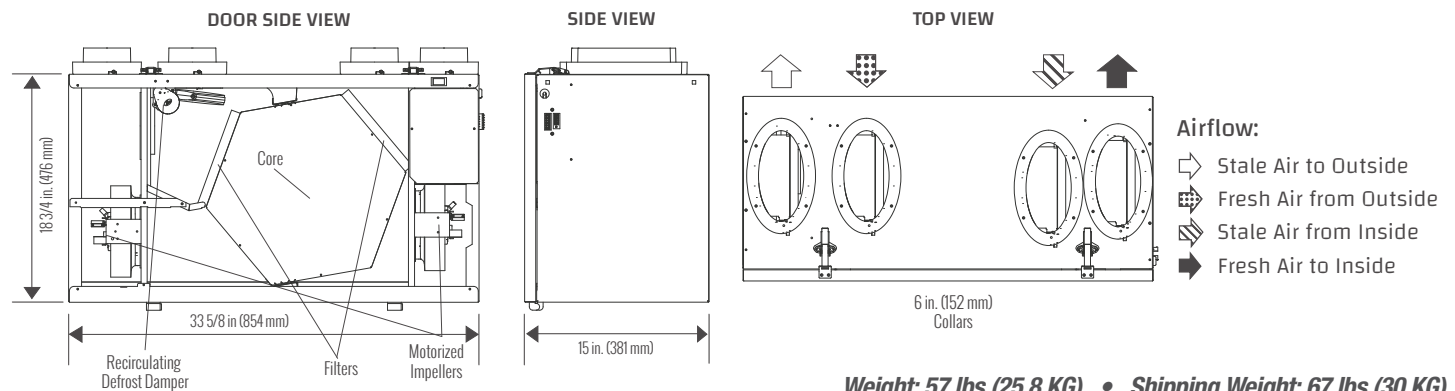
RNC 205  
182 CFM @ 0.3 (75) IN. W.G. (PA)

## TOP PORT DESIGN FOR FLEXIBLE INSTALLATIONS, WITH DOOR PORT BALANCING & 3 SELECT HIGH SPEED SETTINGS

- High Efficiency Hex Core
- Door Port Balancing & Adjustable Dampers
- Top Ported
- Outstanding Cold Weather Performance

**NOTE:** Front clearance of 25 in. (635 mm) is recommended for servicing unit.  
All ducts use 6 in. (150 mm) oval collars  
Balancing dampers are located on all collars.  
All units conform to CSA and UL standards.

## DIMENSIONS



**Weight: 57 lbs (25.8 KG) • Shipping Weight: 67 lbs (30 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 one centrifugal blower driven by a common PSC motor, with multiple fan speed operations.

### MERV 6 FILTERS

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

### MOUNTING

Four threaded inserts at corners of the cabinet designed to accept the "S" hooks and hanging straps supplied with the unit

### DEFROST

Intelligent recirculating damper defrost system.

### CASE

22 gauge prepainted galvanized steel for superior corrosion resistance, insulated to prevent exterior condensation. Drain connections 2 - 1/2 in. (12 mm) OD. Balancing ports are located on door.

### 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.).

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## SPECIFICATIONS

<b>MODEL:</b>	<b>RNC 205</b>
<b>VOLTAGE:</b>	120 V
<b>FREQUENCY:</b>	60 Hz
<b>WATTS @ 64 CFM (30 L/S):</b>	61 W
<b>CURRENT:</b>	1.4 A
<b>AIRFLOW @ 0.3:</b>	182 CFM
<b>WEIGHT:</b>	57 lbs / 25.8 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)	0.1 (25) CFM (L/s)	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>	203 (96)	193 (91)	182 (86)	170 (80)	159 (75)	146 (69)	133 (63)	121 (57)	106 (50)
<b>Gross Supply Airflow</b>	206 (97)	195 (92)	184 (87)	174 (82)	161 (76)	148 (70)	136 (64)	123 (58)	108 (51)
<b>Gross Exhaust Airflow</b>	212 (100)	197 (93)	184 (87)	172 (81)	157 (74)	144 (68)	129 (61)	114 (54)	102 (48)

**Sensible Effectiveness (ASE)  
@ 64 CFM (30 L/s)**      32°F (0°C)      85%

**Sensible Efficiency (SRE)  
@ 64 CFM (30 L/s)**      32°F (0°C)      76%

**Sensible Efficiency (SRE)  
@ 102 CFM (48 L/s)**      -13°F (-25°C)      70%

