

# LIFEBREATH® RNC5-TPD

Indoor Air Systems **HEAT RECOVERY VENTILATOR**



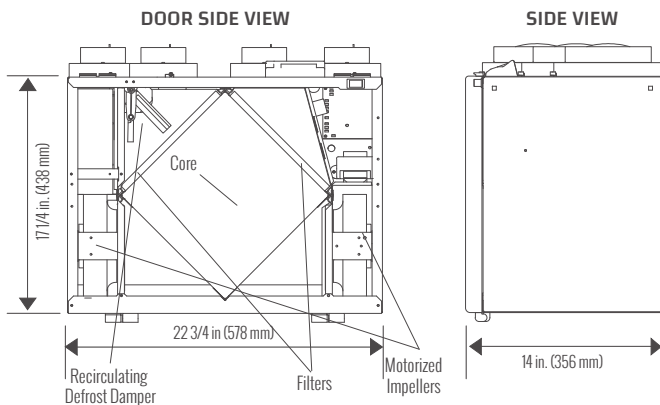
RNC5-TPD  
165 CFM @ 0.3 (75) IN. W.G. (PA)

## COMBINING GREAT PERFORMANCE IN A COMPACT DESIGN WITH VERY COMPETITIVE PRICING

- Cross Flow Core
- Door Port Balancing & Adjustable Dampers
- Top Ported
- Excellent Low Temperature Performance

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

## DIMENSIONS



## FEATURES

### THERMALLY CONDUCTIVE HEX CORE

Cross-flow heat recovery core transfers heat between the two airstreams. It is easily removed for cleaning or service.

### MOTORS AND BLOWERS

Each airstream has one motorized impeller with multiple fan speed operations.

### MERV 6 FILTERS

Washable air filters in exhaust and supply airstreams.  
**MERV 13 Upgrade: 65-192-6R.**

### 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

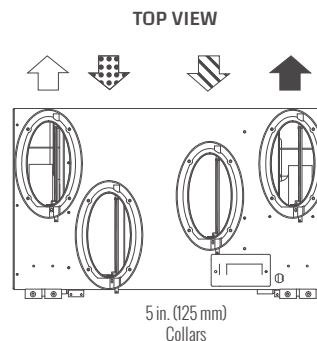
22 gauge prepainted galvanized steel for superior corrosion resistance. Insulated to prevent exterior condensation. Drain connections 2 - 1/2 in. (12 mm) OD. Balancing ports are located on door.

### 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.).



### Standard Airflow:

- ➡ Stale Air to Outside
- ➡ Fresh Air from Outside
- ➡ Stale Air from Inside
- ➡ Fresh Air to Inside

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

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## SPECIFICATIONS

<b>MODEL:</b>	<b>RNC5-TPD</b>
<b>VOLTAGE:</b>	120 V
<b>FREQUENCY:</b>	60 Hz
<b>WATTS @ 64 CFM (30 L/S):</b>	79 W
<b>CURRENT:</b>	1.2 A
<b>AIRFLOW @ 0.3:</b>	165 CFM
<b>WEIGHT:</b>	51 lbs / 25.8 kg
<b>DRAIN:</b>	Yes
<b>MCA:</b>	1.0 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)
<b>Net Supply Airflow</b>	186 (88)	174 (82)	165 (78)	155 (73)	146 (69)	136 (64)	127 (60)
<b>Gross Supply Airflow</b>	195 (92)	184 (87)	172 (81)	163 (77)	153 (72)	142 (67)	133 (63)
<b>Gross Exhaust Airflow</b>	193 (91)	184 (87)	174 (82)	163 (77)	153 (72)	142 (67)	131 (62)

**Sensible Efficiency (SRE)**  
@ 64 CFM (30 L/s)      32°F (0°C)      58%

**Sensible Efficiency (SRE)**  
@ 83 CFM (39 L/s)      32°F (0°C)      59%

**Sensible Efficiency (SRE)**  
@ 114 CFM (54 L/s)      32°F (0°C)      57%

**Sensible Efficiency (SRE)**  
@ 68 CFM (32 L/s)      -13°F (-25°C)      61%

