

# LIFEBREATH<sup>®</sup> 205 MAX

Indoor Air Systems **HEAT RECOVERY VENTILATOR**



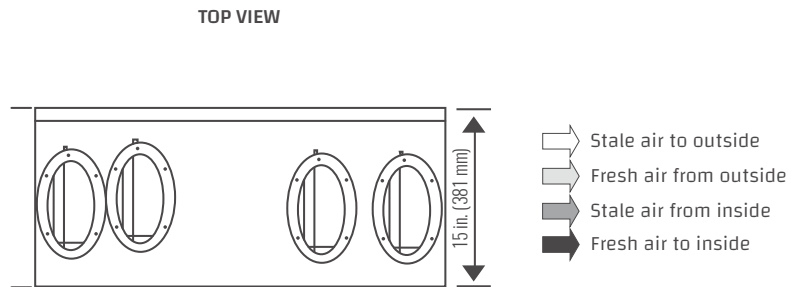
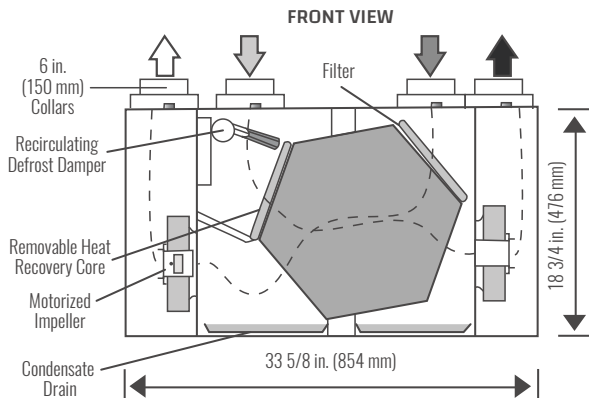
205 MAX  
182 CFM @ 0.3 (75) IN. W.G. (PA)

## TOP PORT DESIGN FOR FLEXIBLE INSTALLATIONS, WITH DOOR PORT BALANCING, & FEATURING A HIGH EFFICIENCY HEX CORE

- High Efficiency Hex Core
- Door Port Balancing & Adjustable Dampers
- Top Ported
- DXPL03 Digital Wall Control included, for easy programmability
- Outstanding Cold Weather Performance

**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



## 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>205 MAX</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)<br>CFM (L/s) | 0.2 (50)<br>CFM (L/s) | 0.3 (75)<br>CFM (L/s) | 0.4 (100)<br>CFM (L/s) | 0.5 (125)<br>CFM (L/s) | 0.6 (150)<br>CFM (L/s) | 0.7 (175)<br>CFM (L/s) | 0.8 (200)<br>CFM (L/s) | 0.9 (225)<br>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 Efficiency (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%

