**EV 200**

**INDOOR UNIT**

Download specification at: renewaire.com/specifications

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**Specifications & Dimensions**

**Energy Recovery Ventilator**
**Standard**

**Specifications**

**Ventilation Type:**
Static plate, heat and humidity transfer

**Typical Airflow Range:** 100-200 CFM

**Unit is HVI Tested/Certified per CSA C439**

**Protocol:** Using one L-100-G5 Core

**Standard Features:**
- White painted cabinet
- Line-cord power supply
- Low-voltage circuit for controls
- Unit may be mounted in any orientation
- Cross-core differential pressure ports

**Controls:**
- Onboard 24 VAC transformer/relay package with switched dry contacts

**Filters:**
- Total qty. 2, MERV 8, spun-polyester media:
  - 10 1/2” x 21 3/4” x 1”

**Unit Dimensions & Weight:**
- 33 1/2” L x 24” W x 20” H
- Max. Shipping Dimensions & Weight (on pallet):
  - 8” Nominal
  - 8” Nominal
  - 34” L x 44” W x 34” H
- 9” 5 1/2” Typ.
- 206 0.10
- 206 76 70/56

**Motor(s):**
- Qty. 1, Double-shaft standard motor

**Accessories:**
- Backdraft damper 6”, 8”
- Automatic balancing damper 4”, 5”, 6”
- Louvered wall vent 6” - white, brown
- Louvered wall vent 8” - taupe vinyl, galvanized, paintable galvaneal
- Louvered wall vent with 8” round duct connection - 12” W x 8” H
- Digital time clock - wall mount (TC7D-W), in exterior enclosure (TC7D-E)
- Carbon dioxide sensor/control - wall mount (MC-W), duct mount (MC-D)

**HVI ratings apply to complete units only.**

**CORE PERFORMANCE**

**UNIT PERFORMANCE**

**ELECTRICAL DATA**

<table>
<thead>
<tr>
<th>HP</th>
<th>Volts</th>
<th>HZ</th>
<th>Phase</th>
<th>Input Watts</th>
<th>FLA</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1</td>
<td>120</td>
<td>60</td>
<td>Single</td>
<td>157 @ 181 CFM</td>
<td>1.5</td>
</tr>
</tbody>
</table>

**UNIT DIMENSIONS**

**AIRFLOW ORIENTATION**
Available as shown in dimension drawing.

**UNIT MOUNTING & APPLICATION**
Can be mounted in any orientation. RA/EA airstream can be switched with OA/FA airstream.

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**Note:**
Indirect Gas-Fired Duct Furnace is not available on the EV200.

**Accessories:**
- Electric duct heater - RH series (1-6 kW);
- MERV 13 filter - OA airstream (shipped loose)
- Dehumidistat control (DH24)
- Carbon dioxide sensor/control - wall mount (CO2-W), duct mount (CO2-D)
- IAQ sensor - wall mount (IAQ-W), duct mount (IAQ-D)
- Low-voltage circuits for controls
- Line-cord power supply
- White painted cabinet
- Standard Features:
  - Using one L-100-G5 Core
  - Protocol:
    - Unit is HVI Tested/Certified per CSA C439
  - Typical Airflow Range:
    - 100-200 CFM

**Typical Airflow CFM:**
- 121
- 148
- 167
- 176
- 186
- 191
- 206

**ESP in H₂O:**
- 0.70
- 0.60
- 0.50
- 0.40
- 0.30
- 0.20
- 0.10

**UNIT PERFORMANCE**

**CORE PERFORMANCE**

**Total EFF% Winter/Summer:**
- 77/64
- 75/61
- 73/59
- 72/58
- 72/58
- 71/57
- 70/56