ENERGY RECOVERY VENTILATOR
EC MOTOR

SPECIFICATIONS

Ventilation Type:
Static plate, heat and humidity transfer

Typical Airflow Range: 30–130 CFM

Unit is HVI Tested/Certified per CSA C439 Protocol:
Using one L-30-GS Core

Standard Features:
- White painted cabinet
- Line-cord power supply or hard wired to junction box (H)
- Low-voltage circuit for controls
- Unit may be mounted in any orientation
- Cross-core differential pressure ports
- Dial-A-Flow: balance and airflow adjustment
- Variable speed
- Boost-mode

Controls:
- Onboard digital controller with independent variable speeds

Filters:
- Total qty. 2, MERV 8, spun-polyester media:
  7 1/2" x 10 1/2" x 1"

Unit Weight:
35 lbs.

Max. Shipping Dimensions & Weight (in carton):
31 1/4" L x 22 3/8" W x 14 3/8" H
41 lbs.

Units Per Pallet: 10

Motor(s):
- Qty. 2, 120V EC motorized impellers

Accessories:
- Backdraft damper: 6", 8" Automatic balancing damper: 4", 5", 6"
- Motorized dampers: 6", 8"
- Concentric vent: 6" (CV6-110)
- Louvered wall vent 6": white, brown
- Louvered wall vent 8": taupe, vinyl, galvanized, paintable galvanneal
- 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 (CO2-W)
- IAQ sensor: wall mount (IAQ-W)
- Motion occupancy sensor/control:
- Ceiling mount (MC-C), wall mount (MC-W)
- Push-button boost timer (PBT)
- Percentage timer control (PTL)
- Percentage timer control with furnace interlock (FM)
- BACnet fan control: wall mount (BACNETFC-W)
- Push-button point-of-use controls (PBL), PTL req'd.
- MERV 13 filter: OA airstream (shipped loose)
- Wall bracket kit
- Electric duct heater: RH series (1–4 kW); designed for indoor ductwork installation only

ELECTRICAL DATA

<table>
<thead>
<tr>
<th>Watts</th>
<th>Volts</th>
<th>Hz</th>
<th>Phase</th>
<th>FLA per motor</th>
<th>Minimum Circuit Amps</th>
<th>Max Overcurrent Protection Device</th>
</tr>
</thead>
<tbody>
<tr>
<td>53</td>
<td>120</td>
<td>60</td>
<td>1</td>
<td>0.85</td>
<td>15</td>
<td>15</td>
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</tbody>
</table>

Notes:
1. Watts is for the entire unit.
2. Airflow performance includes effect of clean, standard filter supplied with unit.
3. Refer to CORES for specific operating point electrical data.
4. These are core-only ratings and are not HVI certified. Total EFF% calculated at 35/33wb OA and 70/58wb RA (winter) and 95/78wb OA and 75/63wb RA (summer). HVI ratings apply to complete units only. This unit is HVI certified. See HVI certified ratings on pg. 46 of Single/Multi-Family Catalog and at hvi.org.
**SL75 ENERGY RECOVERY VENTILATOR EC MOTOR**

**SPECIFICATIONS & DIMENSIONS**

**LOW PROFILE MULTI-FAMILY RESIDENTIAL/LIGHT COMMERCIAL**

**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/SA airstream.

**ABBREVIATIONS**
EA: Exhaust Air to outside
OA: Outside Air intake
RA: Room Air to be exhausted
SA: Supply Air to inside

**INSTALLATION ORIENTATION**
Unit may be installed in any orientation.

**NOTE**
1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE ROUNDED TO THE NEAREST EIGHTH OF AN INCH.
2. SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Minimum</th>
<th>Typ.</th>
<th>Overall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service Area (Door can be removed from hinges.)</td>
<td>18 3/4&quot;</td>
<td>19 7/8&quot;</td>
<td>22 1/4&quot; - 23 1/4&quot;</td>
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<tr>
<td>Minimum Latch Clearance</td>
<td>2 1/16&quot;</td>
<td>3 1/4&quot;</td>
<td>5 1/4&quot;</td>
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<tr>
<td>Case</td>
<td>9 1/8&quot;</td>
<td></td>
<td>9 1/2&quot;</td>
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<td>Control Terminals</td>
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<tr>
<td>Pressure Ports (4) Typ.</td>
<td>10 3/8&quot;</td>
<td>4 1/8&quot;</td>
<td>7 5/8&quot;</td>
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<tr>
<td>Line Cord</td>
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<td>34&quot;</td>
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<tr>
<td>Overall</td>
<td>21 1/4&quot;</td>
<td></td>
<td>23 1/4&quot;</td>
</tr>
<tr>
<td>2&quot; Typ.</td>
<td>22 1/4&quot;</td>
<td></td>
<td>23 1/4&quot;</td>
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<tr>
<td>Overall</td>
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<td>4 1/8&quot;</td>
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<tr>
<td>Overall</td>
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<td>4 1/8&quot;</td>
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