Energy Recovery Ventilator
Standard

SPECIFICATIONS

Ventilation Type:
Static plate, heat and humidity transfer

Typical Airflow Range: 150-300 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" (4) Typ.

Unit Dimensions & Weight:
33 3/4" L x 24" W x 20" H
72 lbs.

Max. Shipping Dimensions & Weight (on pallet):
34" L x 44" W x 34" H
115 lbs.

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

Accessories:
Backdraft damper 6", 8"
Automatic balancing damper 4", 5", 6"
Louvered wall vent 8" - taupe vinyl, galvanized,
paintable galvanneal
Louvered wall vent with 8" round duct connection -
12" W x 8" H
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)
Percentage timer control (PTL)
Push-button point-of-use controls (PBL), PTL req'd.
Percentage timer control with furnace interlock (FM)
MERV 13 filter - OA airstream
Electric duct heater - RH series (1-11.5 kW);
designed for indoor ductwork installation only

Note: Indirect Gas-Fired Duct Furnace is not available on the EV300.

HVI ratings apply to complete units only.
See HVI certification ratings on pg. 24 of Single/Multi-Family Catalog.

ELECTRICAL DATA

<table>
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<tr>
<th>HP</th>
<th>Volts</th>
<th>HZ</th>
<th>Phase</th>
<th>Input Watts</th>
<th>FLA</th>
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<tbody>
<tr>
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<td>120</td>
<td>60</td>
<td>Single</td>
<td>315 @ 297 CFM</td>
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UNIT PERFORMANCE

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<tr>
<th>Airflow CFM</th>
<th>ESP in H₂O</th>
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<tr>
<td>170</td>
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<tr>
<td>191</td>
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<td>295</td>
<td>0.5</td>
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<td>311</td>
<td>0.4</td>
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<table>
<thead>
<tr>
<th>Airflow CFM</th>
<th>Temp EFF%</th>
<th>Total EFF%</th>
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<tbody>
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<td>78</td>
<td>73/59</td>
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<tr>
<td>191</td>
<td>77</td>
<td>71/57</td>
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<tr>
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<tr>
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<td>295</td>
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<td>63/47</td>
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<tr>
<td>311</td>
<td>69</td>
<td>62/46</td>
</tr>
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</table>

Note: These are core-only ratings and are not HVI certified.

ABBREVIATIONS
EA: Exhaust Air to outside
OA: Outside Air intake
IAQ sensor - wall mount (IAQ-W)
IAQ sensor - wall mount (IAQ-W)
MERV 13 filter - OA airstream

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.

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.

Note: Gas-Fired Duct Furnaces are not available on the EV300.

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