Ev 130

Indoor Unit

Download specification at: renewaire.com/specifications

Energy Recovery Ventilator
Standard

Specifications

Ventilation Type:
Static plate, heat and humidity transfer

Typical Airflow Range: 50-140 CFM

Unit is HVI Tested/Certified per CSA C439
Protocol: Using one L-50 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 10 1/2" x 1"

Unit Dimensions & Weight:
33 1/2" L x 13 1/4" W x 20" H
48 lbs.

Note: Indirect Gas-Fired Duct Furnace is not available on the EV130.

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>102 @ 130 CFM</td>
<td>1.3</td>
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</table>

Unit Performance

<table>
<thead>
<tr>
<th>Airflow CFM</th>
<th>ESP in H₂O</th>
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</thead>
<tbody>
<tr>
<td>79</td>
<td>0.60</td>
</tr>
<tr>
<td>104</td>
<td>0.50</td>
</tr>
<tr>
<td>126</td>
<td>0.40</td>
</tr>
<tr>
<td>137</td>
<td>0.30</td>
</tr>
<tr>
<td>153</td>
<td>0.20</td>
</tr>
<tr>
<td>165</td>
<td>0.10</td>
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</table>

Core Performance

<table>
<thead>
<tr>
<th>Airflow CFM</th>
<th>Temp EFF%</th>
<th>Total EFF%</th>
<th>Winter/Summer*</th>
</tr>
</thead>
<tbody>
<tr>
<td>79</td>
<td>78</td>
<td>73/59</td>
<td></td>
</tr>
<tr>
<td>104</td>
<td>75</td>
<td>69/54</td>
<td></td>
</tr>
<tr>
<td>126</td>
<td>72</td>
<td>66/50</td>
<td></td>
</tr>
<tr>
<td>137</td>
<td>71</td>
<td>64/48</td>
<td></td>
</tr>
<tr>
<td>153</td>
<td>68</td>
<td>61/45</td>
<td></td>
</tr>
<tr>
<td>165</td>
<td>67</td>
<td>59/42</td>
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</tr>
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</table>

Note: These are core-only ratings and are not HVI certified.
HVI ratings apply to complete units only.
See HVI certification ratings on pg. 24 of Single/Multi-Family Catalog.

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.

Abbreviations
EA: Exhaust Air to outside
OA: Outside Air intake
RA: Room Air to be exhausted
FA: Fresh 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.

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