

## SPECIFICATIONS

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| <b>Model:</b>                     | The Aprilaire® Model 8100 Energy Recovery Ventilator is an enthalpy (sensible and moisture transfer) type unit. The unique paper/aluminum EnergyMax® Transfer Core exchanges energy between the fresh air supply and exhaust air streams.                          |
| <b>Unit Dimensions:</b>           | Overall Unit – 37 <sup>3</sup> / <sub>8</sub> " W x 12 <sup>3</sup> / <sub>4</sub> " D x 20 <sup>9</sup> / <sub>16</sub> " H<br>EnergyMax® Transfer Core – 12 <sup>1</sup> / <sub>8</sub> " x 12 <sup>1</sup> / <sub>8</sub> " x 10 <sup>3</sup> / <sub>4</sub> ". |
| <b>Air Flow Capacity:</b>         | 120 cfm @ 0.30 in. w.g. external ductwork resistance, i.e. 240 equivalent feet for each of the "fresh" and "stale" air streams.  |
| <b>Performance:</b>               | Apparent Sensible Effectiveness (ASE) – 77% at rated ventilation capacity with 72°F indoor temperature and 32°F outdoor temperature.   |
| <b>Home Size:</b>                 | Up to 3600 sq. ft. home at rated air flow.   |
| <b>Power Requirements:</b>        | 120 VAC, 1.4 ampere maximum. Unit equipped with a 3 ft. grounded power cord.   |
| <b>Interior Insulation:</b>       | Entire interior surface is sealed with 1" single face insulation.  |
| <b>Filters:</b>                   | (2) – 10 <sup>13</sup> / <sub>16</sub> " x 11 <sup>5</sup> / <sub>16</sub> " x <sup>3</sup> / <sub>32</sub> " EZ Kleen® air filters coated with Super Filter Coat adhesive for maximum performance.  |
| <b>Unit Weight and Packaging:</b> | Total Shipping Weight with Mounting Hardware – 76 lbs.   |