**Energy Recovery Ventilator**

**Indoor Unit**

**Specifications**

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

**Typical Airflow Range:**
500-2,200 CFM

**AHRI 1060 Certified Core:** Two L125-G5

**Standard Features:**
- TEFC Premium efficiency motors
- Motor starters
- Non-fused disconnect
- 24 VAC transformer/relay package
- Cross-core differential pressure ports

**Filters:**
Total qty. 4, MERV 8: 20” x 20” x 2”

**Unit Dimensions & Weight:**
- 64 1/2” L x 43” W x 35 1/2” H
- 406-619 lbs., varies by option(s)

**Max. Shipping Dimensions & Weight (on pallet):**
- 70” L x 47” W x 40” H
- 714 lbs.

**Motor(s):**
- Qty. 2, Belt drive blower/standard motor packages with adjustable sheaves (see table below)

**Options:**
- Onboard variable frequency drives (VFDs) - one or both airstreams
- Shaft grounding ring on motors with VFDs
- Fused disconnect
- Integrated programmable controls - enhanced, premium
- Class 1 low leakage motorized isolation dampers - OA, RA or both airstreams
- Qty. 2, Factory mounted filter alarms - both airstreams
- Double wall construction
- Exterior paint - white, custom colors

**Accessories:**
- Filters - MERV 13, 2” (shipped loose)
- Digital time clock - wall mount (TC7D-W), in exterior enclosure (TC7D-E)
- Carbon dioxide sensor/control - wall mount (CO2-W), duct mount (CO2-D)
- IAQ sensor - wall mount (IAQ-W), duct mount (IAQ-D)
- Motion occupancy sensor/control - ceiling mount (MC-C), wall mount (MC-W)
- Smoke Detector - duct mount (SD-D)
- Electric duct heater - EK series (1–175 kW)
- Indirect gas-fired duct furnace - GH series (50-400 MBH), installed downstream of any fans

**Electrical Data**

**Standard Electrical Specifications**

<table>
<thead>
<tr>
<th>HP</th>
<th>Volts</th>
<th>HZ</th>
<th>Phase</th>
<th>FLA per motor</th>
<th>Min. Cir. Amps</th>
<th>Max. Overcurrent Protection Device</th>
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</thead>
<tbody>
<tr>
<td>1.5</td>
<td>120</td>
<td>60</td>
<td>Single</td>
<td>15.2</td>
<td>34.2</td>
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</table>

**Optional Factory Installed VFD Electrical Specifications**

<table>
<thead>
<tr>
<th>HP</th>
<th>Volts</th>
<th>HZ</th>
<th>Phase</th>
<th>FLA per motor</th>
<th>Min. Cir. Amps</th>
<th>Max. Overcurrent Protection Device</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5</td>
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<td>60</td>
<td>Single</td>
<td>8.2-7.6</td>
<td>18.5</td>
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<tr>
<td>460</td>
<td>60</td>
<td>Three</td>
<td>4.6-4.8</td>
<td>10.8</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>575</td>
<td>60</td>
<td>Three</td>
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<td>5.4</td>
<td>15</td>
<td>15</td>
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<tr>
<td>1.8</td>
<td>208-230</td>
<td>60</td>
<td>Single</td>
<td>1.8</td>
<td>4.1</td>
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**Energy Recovery Ventilator**

**Standard & Bypass Economizer Option**

**Table:**

<table>
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<tr>
<th>Motor HP</th>
<th>Blower RPM</th>
<th>Sheave Adj.</th>
<th>Turns Open</th>
<th>External Static Pressure (in. w.g.)</th>
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</tbody>
</table>

**Note:** Brake Horse Power (BHP) is for one blower motor package only. 

- Operation in this zone will likely exceed FLA limits.
- Operation in this zone outside of core airflow limits.

**Note:** Airflow performance includes effect of clean, standard filter supplied with unit.

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Download specification at: renewaire.com/specifications
HE2XINH  Energy Recovery Ventilator  Standard

**UNIT MOUNTING & APPLICATION**
Must be mounted as shown. RA/EA airstream can be switched with OA/FA airstream unless certain options are selected.

**ABBREVIATIONS**
EA: Exhaust Air to outside
OA: Outside Air Intake
RA: Room Air to be exhausted
FA: Fresh Air to inside

**INSTALLATION ORIENTATION**
Unit must be installed in orientation shown.

**NOTE**
1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE ROUNDED TO THE NEAREST EIGHTH OF AN INCH.
2. SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE.
3. MIN. DUCT CLEARANCE FROM DAMPER BLADES WHEN FULLY OPENED TO BE 2". SMACNA RULES APPLY.

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