Energy Recovery Ventilator
Standard

**SPECIFICATIONS**

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

**Typical Airflow Range:** 250-925 CFM

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

**Standard Features:**
Non-fused disconnect
24 VAC transformer/relay package
Cross-core differential pressure ports

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

**Unit Dimensions & Weight:**
54 3/4” L x 23 3/4” W x 35 3/4” H
204-275 lbs., varies by option(s)

**Max. Shipping Dimensions & Weight (on pallet):**
63” L x 30” W x 56” H
325 lbs.

**Motor(s):**
Qty. 2, 0.75 HP ea., Direct drive blower/standard motor packages

**Options:**
Qty. 2, Variable Speed/ECM - Direct Drive Motors (see HE1XINH EC Motor submittal) -
0.5 HP, 120V/1Ph/60HZ,
0.5 HP, 208-230V/1Ph/60HZ
Independent blower control
Fused disconnect
Integrated programmable controls - enhanced, premium
Bypass economizer damper
(dry-bulb temperature controls (standard),
enthalpy controls (option)
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)
Backdraft damper 12”
Motorized isolation damper - both airstreams
Wall cap 12” - galvanized, paintable galvanneal
Solid state speed control kit - 115V, 208-230V (1 required per motor)
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 - RH series (1-11.5 kW);
EK series (1–175 kW); designed for indoor ductwork installation only
Indirect gas-fired duct furnace - GH series (50-400 MBH), installed downstream of any fans

**AIRFLOW PERFORMANCE**

<table>
<thead>
<tr>
<th>Motor HP Phase</th>
<th>External Static Pressure (Inches Water Column)</th>
<th>0.0</th>
<th>0.25</th>
<th>0.5</th>
<th>0.75</th>
<th>0.9</th>
<th>1.25</th>
<th>1.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.75 Single Phase</td>
<td>970 CFM</td>
<td>860 CFM</td>
<td>795 CFM</td>
<td>750 CFM</td>
<td>635 CFM</td>
<td>526 CFM</td>
<td>480 CFM</td>
<td></td>
</tr>
<tr>
<td>925 Watts</td>
<td>1,490 Watts</td>
<td>1,270 Watts</td>
<td>1,160 Watts</td>
<td>1,090 Watts</td>
<td>950 Watts</td>
<td>825 Watts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.75 Three Phase</td>
<td>970 CFM</td>
<td>860 CFM</td>
<td>795 CFM</td>
<td>750 CFM</td>
<td>635 CFM</td>
<td>526 CFM</td>
<td>480 CFM</td>
<td></td>
</tr>
<tr>
<td>1,246 Watts</td>
<td>1,375 Watts</td>
<td>1,039 Watts</td>
<td>928 Watts</td>
<td>856 Watts</td>
<td>701 Watts</td>
<td>509 Watts</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Watts is for the entire unit (two motors).

**ELECTRICAL DATA**

<table>
<thead>
<tr>
<th>HP Volts HZ Phase</th>
<th>FLA per motor</th>
<th>Min. Cir. Amps</th>
<th>Max. Overcurrent Protection Device</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.75 120 60 Single</td>
<td>9.0</td>
<td>20.3</td>
<td>25</td>
</tr>
<tr>
<td>0.75 208-230 60 Single</td>
<td>4.5</td>
<td>10.1</td>
<td>15</td>
</tr>
<tr>
<td>0.75 277 60 Single</td>
<td>3.9</td>
<td>8.8</td>
<td>15</td>
</tr>
<tr>
<td>0.75 208-230 60 Three</td>
<td>1.7-2.3</td>
<td>5.2</td>
<td>15</td>
</tr>
<tr>
<td>0.75 460 60 Three</td>
<td>1.15</td>
<td>2.6</td>
<td>15</td>
</tr>
</tbody>
</table>

Specifications may be subject to change without notice.