Today’s airtight homes and offices beg for fresh air. When we trap the heat, excess humidity and indoor pollutants such as cleaning products, smoking and pets, will negatively affect the quality of the air we breathe, making our environment both uncomfortable and unhealthy.

Stale and humid air has to be replaced by fresh air. During winter, the incoming fresh air is at too low a temperature to be comfortable and requires preheating. It is more economical to preheat the incoming air at a specific, controlled source than requiring the central system to continually compensate for heat loss.

The THERMO-AIR heater is designed to complement your heating system by preheating this fresh air at the lowest cost, thus continuously providing comfortable ventilation throughout the house.

Equipped with the most advanced modulating controller and air sensor, the THERMO-AIR heater will operate with extremely low air flow (see specifications). The unit uses the minimum amount of energy required to meet your needs. The air flow sensor detects the amount of air flowing through the unit and modulates the heating capacity accordingly, maximizing savings.

The THERMO-AIR heater is a quality product engineered for peak performance and long life.
FEATURES AND SPECIFICATIONS

Automatic Reset Thermal Cut-out
Safety feature preventing overheating; will reset automatically after cool-off.

Air Flow Sensor
Modulates the heating capacity according to the quantity of air flowing through the heater.

Open Coil Elements
Made of the highest grade nickel-chrome resistance wire, they will not age or oxidize, thus assuring longer heater life.

Temperature Sensor
Controls the heater proportionally to maintain the pre-set air temperature in the duct.

Enclosure
Corrosion resistant galvanized steel.

Built-in Electronic Temperature Controller and Sensor
Proportionally modulates the heating load to match the exact capacity required, thus minimizing operating cost.

Manual Reset Thermal Cut-out
Additional safety feature which prevents the frame from overheating.

Round Collars
Simplifies the installation and considerably reduces field labor.

Terminal Block
Only one electrical connection required through an easily accessible power terminal block.

AVAILABLE STOCK MODELS:

<table>
<thead>
<tr>
<th>COLLAR SIZE</th>
<th>KW</th>
<th>VOLTAGE/AMPS</th>
<th>Min. CFM</th>
<th>FRAME SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; or 6&quot;</td>
<td>1</td>
<td>240V/4.2A or 208V/4.8A or 120V/8.3A</td>
<td>30</td>
<td>A</td>
</tr>
<tr>
<td>5&quot; or 6&quot;</td>
<td>2</td>
<td>240V/8.3A or 208V/9.6A or 120V/16.7A</td>
<td>60</td>
<td>A</td>
</tr>
<tr>
<td>8&quot;</td>
<td>3</td>
<td>240V/12.5A or 208V/14.4A</td>
<td>90</td>
<td>B</td>
</tr>
<tr>
<td>8&quot;</td>
<td>4</td>
<td>240V/16.7A or 208V/19.2A</td>
<td>120</td>
<td>B</td>
</tr>
<tr>
<td>8&quot;</td>
<td>5</td>
<td>240V/20.8A or 208V/24.0A</td>
<td>150</td>
<td>B</td>
</tr>
<tr>
<td>8&quot;</td>
<td>6</td>
<td>240V/25.0A</td>
<td>180</td>
<td>B</td>
</tr>
<tr>
<td>10&quot;</td>
<td>3</td>
<td>240V/12.5A or 208V/14.4A</td>
<td>90</td>
<td>C</td>
</tr>
<tr>
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<td>4</td>
<td>240V/16.7A or 208V/19.2A</td>
<td>120</td>
<td>C</td>
</tr>
<tr>
<td>10&quot;</td>
<td>5</td>
<td>240V/20.8A or 208V/24.0A</td>
<td>150</td>
<td>C</td>
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<td>10&quot;</td>
<td>6</td>
<td>240V/25.0A</td>
<td>180</td>
<td>C</td>
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<tr>
<td>12&quot;</td>
<td>6</td>
<td>240V/25.0A</td>
<td>180</td>
<td>C</td>
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<tr>
<td>10&quot; or 12&quot;</td>
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<td>240V/33.3A</td>
<td>240</td>
<td>C</td>
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<tr>
<td>10&quot; or 12&quot;</td>
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<td>240V/41.6A</td>
<td>300</td>
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<tr>
<td>10&quot; or 12&quot;</td>
<td>12</td>
<td>240V/47.9A (11.5KW)</td>
<td>345</td>
<td>C</td>
</tr>
</tbody>
</table>

To specify the model required, follow the example below:

TER-6-2-240

COLLAR SIZE | VOLTAGE | KW | MIN. CFM | FRAME SIZE
-------------|---------|----|----------|------------|
11.5"        | 240V/4.2A or 208V/4.8A or 120V/8.3A | 30 | A

Specifications are for standard units.
For other sizes, voltages and capacities, please contact your ThermoAir representative.

TYPICAL APPLICATIONS OF THE THERMO-AIR HEATER

Heat Recovery
Ventilation & Heat Pump

Central Air
Furnace

Hydronic or Baseboard Heating

Tel.: 514-336-9130 / Fax: 514-336-3270
Web: www.thermoair.com

V2.2