Recoveries based on 83% thermal efficiency. ASHRAE 90.1 compliant for efficiency and standby loss.

"J" dimension is for the burner housing only.

4" x 37 1/2" Channel skids for inputs ≤ 400 MBtu/h.

4" x 54 1/2" Channel skids for inputs ≥ 600 MBtu/h.

Standard gear capacities may change depending on burner supplier.

Designer must use gear capacities from the above chart to size the oil distribution piping system; including transfer pumps (if used).

Dimensions are in inches unless otherwise specified.

For standard and optional equipment, see form PV 8166.

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**TANK SERIES 215 GALLONS**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Recovery gph @ 40°-120°F</th>
<th>Input Btu/h</th>
<th>Gph @ 40°-140°F</th>
<th>Max. oil gph (gear capacity)</th>
<th>Dimensions (inches)</th>
<th>Blower Motor</th>
<th>Shipping Weight lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 L 215A-TPO</td>
<td>500</td>
<td>400</td>
<td>399,000</td>
<td>2.8</td>
<td>70 27 5 17</td>
<td>1/2</td>
<td>115/12/10</td>
</tr>
<tr>
<td>750 L 215A-TPO</td>
<td>750</td>
<td>600</td>
<td>600,000</td>
<td>4.3</td>
<td>70 41 6 17</td>
<td>1/2</td>
<td>115/12/10</td>
</tr>
<tr>
<td>1000 L 215A-TPO</td>
<td>1000</td>
<td>800</td>
<td>800,000</td>
<td>5.7</td>
<td>70 41 8 17</td>
<td>1/2</td>
<td>115/12/10</td>
</tr>
</tbody>
</table>

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Dimensions are in inches unless otherwise specified.

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**VENTING REQUIREMENTS**

- .02" TO -.06" W.C. (NEGATIVE PRESSURE)

ENTIRE VENT SYSTEM SHOULD NEVER BE SIZED BASED UPON THE VENT CONNECTION DIAMETER EXCLUSIVELY.

FOR PROPER SIZING, CONSULT VENTING SUPPLIER.

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**STANDARD ELECTRICAL REQUIREMENTS**

CONTROL VOLTAGE: 120V, 1Ø, 60 HZ., 2 AMPS.

MOTOR VOLTAGE:

208V, 230V, AND 460V MOTORS ARE AVAILABLE BUT WILL REQUIRE A SEPARATE 120V/2 amps CONTROL CIRCUIT OR AN OPTIONAL CONTROL CIRCUIT TRANSFORMER.

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PVI RESERVES THE RIGHT TO CHANGE THE DESIGN AND SPECIFICATION WITHOUT NOTICE.