**TURBOPOWER® OIL • PACKAGED WATER HEATER**

**AquaPLEX® STORAGE TANK (UNLINED DUPLEX ALLOY)**

### TANK SERIES 250 GALLONS

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Recovery gph @</th>
<th>Input Btu/h</th>
<th>Gph #2 Oil</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 250A-TPO</td>
<td>500</td>
<td>399,000</td>
<td>2.8</td>
<td>70</td>
<td>27-1/2</td>
<td>5</td>
<td>1/2</td>
</tr>
<tr>
<td>750 L 250A-TPO</td>
<td>750</td>
<td>600,000</td>
<td>4.3</td>
<td>70</td>
<td>30-1/2</td>
<td>6</td>
<td>1/2</td>
</tr>
<tr>
<td>1000 L 250A-TPO</td>
<td>1000</td>
<td>800,000</td>
<td>5.7</td>
<td>70</td>
<td>30-1/2</td>
<td>8</td>
<td>1/2</td>
</tr>
<tr>
<td>1250 L 250A-TPO</td>
<td>1250</td>
<td>1,000,000</td>
<td>7.2</td>
<td>70</td>
<td>47-1/2</td>
<td>8</td>
<td>1/2</td>
</tr>
<tr>
<td>1500 L 250A-TPO</td>
<td>1500</td>
<td>1,200,000</td>
<td>8.6</td>
<td>70</td>
<td>47-1/2</td>
<td>8</td>
<td>1/2</td>
</tr>
</tbody>
</table>

1. Recoveries based on 83% thermal efficiency. ASHRAE 90.1 compliant for efficiency and standby loss.
2. "J" dimension is for the burner housing only.
3. 4" x 46" Channel skids for inputs < 1000 MBtu/h.
4. 4" x 54-1/2" Channel skids for inputs ≥ 1000 MBtu/h.
5. Standard gear capacities may change depending on burner supplier.

Designers 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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**VENTING REQUIREMENTS**

-0.02" TO -0.06" W.C. (NEGATIVE PRESSURE)

ENTIRE VENT SYSTEM SHOULD NEVER BE SIZED BASED UPON THE VENT CONNECTION DIAMETER EXCLUSIVELY. FOR PROPER SIZING, CONSULT VENTING SUPPLIER.

**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.

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