Recoveries and thermal efficiency derived from DOE 10 CFR 431 testing requirements (ANSI Z21.10.3 @ 70°F to 140°F).

Recoveries and thermal efficiency based upon 40°F entering water temperature at full fire.

Dimensions are in inches unless otherwise specified.

For standard and optional equipment, see form PV 8005.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>BTU INPUT</th>
<th>GPH RECOVERY (thermal efficiency)</th>
<th>SHIPPING WEIGHT (LBS.)</th>
<th>OPERATING WEIGHT (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 LX 250A-PVIF</td>
<td>1,500,000</td>
<td>2470 (96%) 1737 (96.5%)</td>
<td>2115</td>
<td>3375</td>
</tr>
<tr>
<td>180 LX 250A-PVIF</td>
<td>1,800,000</td>
<td>2964 (96%) 2085 (96.5%)</td>
<td>2115</td>
<td>3375</td>
</tr>
<tr>
<td>200 LX 250A-PVIF</td>
<td>2,000,000</td>
<td>3293 (96%) 2317 (96.5%)</td>
<td>2115</td>
<td>3375</td>
</tr>
</tbody>
</table>

① Recoveries and thermal efficiency derived from DOE 10 CFR 431 testing requirements (ANSI Z21.10.3 @ 70°F to 140°F).
② Recoveries and thermal efficiency based upon 40°F entering water temperature at full fire.

For standard and optional equipment, see form PV 8005.

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**Standard Electrical**

120V, 1Ø, 60 Hz., 15 amp circuit

**Venting**

Use a 6” CPVC vent or use an ETL, UL, ULC or CSA listed single or double wall 6” stainless steel or listed Polypropylene Category IV venting system, minimum distance 5 eq. feet, maximum distance 100 eq. feet. Longer vents, ETL listed with larger diameters, see I&M.

**Inlet Combustion Air**

Up to 100 eq. ft. using 6” PVC or galvanized vent pipe. Longer lengths, ETL listed with larger diameters, see I&M.

**Gas Pressure - Natural**

Minimum inlet flow pressure: 4.5” W.C. Maximum static pressure: 14” W.C. For < 4.5”W.C., consult factory. For LP option, consult factory.

**Minimum Service Clearances**

18” from sides, 24” from front and top

**Emissions**

< 20 ppm NOx

During installation, heater must remain upright. Do NOT tilt or lay heater on its side.