**DURAMAX BOILER DW (720-1810) - THREE BOILERS / HORIZONTAL STORAGE TANK RECOVERY SYSTEM (ONE TEMPERATURE)**

**NOTES:**

1. Preferred piping layout.
2. The temperature and pressure relief valve setting shall not exceed pressure rating of any component in the system.
3. Service valves are shown for servicing boiler. However, local codes shall govern their usage.
4. A. O. Smith piping method is based on 50 equivalent feet of piping. Boiler placement shall be as close as practical to the storage tank. Applications in excess of these recommendations shall require a licensed engineer for design assistance.

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**LEGEND**

- **Temperature & Pressure Relief Valve**
- **Pressure Relief Valve**
- **Circulating Pump**
- **Tank Temperature Control**
- **Drain**
- **Full Port Ball Valve**
- **Temperature Gauge**
- **Water Flow Switch**
- **Check Valve**

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**Table:**

<table>
<thead>
<tr>
<th>BOILER MODEL (DW)</th>
<th>BOILER PIPING SIZE “A” (INCH)</th>
<th>MANIFOLD PIPING SIZE “B” (INCH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>720-840</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>960-1810</td>
<td>2 1/2</td>
<td>4</td>
</tr>
</tbody>
</table>

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**Diagram:**

- **HOT WATER TO FIXTURES**
- **FINISHED FLOOR**
- **ALTERNATE LOCATION**
- **SYSTEM RETURN**
- **COLD WATER SUPPLY**
- **EXPANSION TANK**

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**WARNING:** This drawing shows suggested piping configuration and other devices; check with local codes and ordinances for additional requirements.