This drawing is intended only as a guide and not as a replacement for professionally engineered project drawings. This concept system drawing does not imply compliance with local building codes. Actual installation may vary depending on installation location & parameters and it must be done in accordance to all local building codes. Verify with local building officials before commencement of system installation.

<table>
<thead>
<tr>
<th>Recommended Pipe Size/Heater Count</th>
<th>1 Unit - ¾”</th>
<th>2 Units - 1”</th>
<th>3 Units - 1-¼”</th>
<th>4 to 5 Units - 1-½”</th>
<th>6 to 8 Units - 2”</th>
<th>9 to 14 Units - 2-½”</th>
<th>15 to 16 Units - 3”</th>
</tr>
</thead>
</table>

**NPE-A Series Tankless Water Heater**

Four NPE-A Tankless External Recirculation Mode

![Diagram of NPE-A Series Tankless Water Heater setup](image)

- **Storage Vessel**
- **Check Valve**
- **Pressure Relief Valve**
- **Mixing Valve**
- **DHW Circulator w/Aquastat & Check Valve**
- **Full-port Ball Valve**
- **Circulator**
- **Expansion Tank**
- **Aquastat**

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Drawn By: B. Fenske  NPE-A-4-E-BF02  August 1, 2013

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