The board of health mandates water disinfection systems for businesses supplying potable well water to greater than 25 people.

Chemical disinfection using chlorine is generally considered the method of choice because it is reliable and practical.

Flexcon's new, MIXMASTER baffle tank is one of the most effective High Mixing Disinfection Systems currently available. It ensures uniform mixing, and sufficient residence time to meet the CT (contact time) standard set by most health agencies in the United States. This remains true even when water is flowing continuously.

With a .8 baffle factor*, it also takes up less space, because one tank does the work of 4 normal tanks.

MIXMASTER, like the water that comes out of it, the choice is clear.

*Testing by Water Quality Association
MATERIALS OF CONSTRUCTION

- **Top and bottom domes:** Injection molded copolymer polypropylene
- **Shell:** Extruded copolymer polypropylene
- **Outer shell:** Fiberglass-wound, coated with epoxy resin
- **Base:** Injection molded high-impact ABS
- **Connection:** Rigid Schedule 80 PVC
- **Top port fitting:** Stainless steel reinforced glass filled polypropylene insert molded into the top dome
- **Inner Baffle:** Copolymer polypropylene
- **Inner Standpipe:** Schedule 40 PVC with diffuser cap.

*.8 Baffle factor as tested by the Water Quality Association test labs.

<table>
<thead>
<tr>
<th>Model</th>
<th>Total Tank Volume</th>
<th>A Height</th>
<th>B Floor to CL</th>
<th>C Diameter</th>
<th>D (EZ) Threaded connection</th>
<th>E FPT</th>
<th>Total Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>gal</td>
<td>liters</td>
<td>in</td>
<td>cm</td>
<td>in</td>
<td>cm</td>
<td>lbs</td>
</tr>
<tr>
<td>BAF 80</td>
<td>80</td>
<td>303</td>
<td>57.0</td>
<td>140.0</td>
<td>2.25</td>
<td>5.7</td>
<td>24.0</td>
</tr>
<tr>
<td>BAF 120</td>
<td>119</td>
<td>450</td>
<td>72.1</td>
<td>183.0</td>
<td>2.25</td>
<td>5.7</td>
<td>24.0</td>
</tr>
</tbody>
</table>

Maximum working pressure: 100 psig. Maximum working temperature, internal & external: 120° F.