### Twin Series Conditioners Specifications

#### Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>ASP1-1044TW</th>
<th>ASP1-1054TW</th>
<th>ASP1-1354TW</th>
<th>ASP1-1465TW</th>
<th>ASP1-1665TW</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity:</strong> (Grains/Lbs. NaCl)</td>
<td>Minimum</td>
<td>7,300 @ 3.2</td>
<td>16,400 @ 6.1</td>
<td>28,300 @ 9.5</td>
<td>40,000 @ 13.0</td>
</tr>
<tr>
<td></td>
<td>Medium</td>
<td>11,400 @ 9.3</td>
<td>20,700 @ 12.4</td>
<td>33,600 @ 15.9</td>
<td>47,000 @ 22.0</td>
</tr>
<tr>
<td></td>
<td>Maximum</td>
<td>11,800 @ 12.4</td>
<td>22,600 @ 15.9</td>
<td>36,900 @ 21.2</td>
<td>52,000 @ 30.0</td>
</tr>
<tr>
<td>Amount of Media (Cu.Ft.)</td>
<td>1.0</td>
<td>1.5</td>
<td>2.5</td>
<td>3.5</td>
<td>4.5</td>
</tr>
<tr>
<td>Maximum Water Hardness (GPG)</td>
<td>20</td>
<td>30</td>
<td>40</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>Maximum Iron and Manganese (PPM)</td>
<td>8.0</td>
<td>10.0</td>
<td>15.0</td>
<td>15.0</td>
<td>15.0</td>
</tr>
<tr>
<td>Minimum pH</td>
<td>6.5</td>
<td>6.0</td>
<td>6.0</td>
<td>6.0</td>
<td>6.0</td>
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<tr>
<td>Total pH Adjusted Water</td>
<td>510</td>
<td>510</td>
<td>863</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Continuous Flow Rate (GPM @ PSI)</td>
<td>9.0 @ 2.4</td>
<td>9.0 @ 2.8</td>
<td>9.0 @ 2.7</td>
<td>19.0 @ 15.0</td>
<td>19.0 @ 15.0</td>
</tr>
<tr>
<td>Water Pressure Range (PSI)</td>
<td>33-100</td>
<td>33-100</td>
<td>33-100</td>
<td>33-100</td>
<td>33-100</td>
</tr>
<tr>
<td>Electrical Requirements (volts-hertz)</td>
<td>110-50/60</td>
<td>110-50/60</td>
<td>110-50/60</td>
<td>110-50/60</td>
<td>110-50/60</td>
</tr>
<tr>
<td>Pipe Size</td>
<td>1&quot;</td>
<td>1&quot;</td>
<td>1&quot;</td>
<td>1&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>Total Dimensions: Tank + Valve Only</td>
<td>10&quot;W x 52&quot;H</td>
<td>10&quot;W x 62&quot;H</td>
<td>13&quot;W x 62&quot;H</td>
<td>14&quot;W x 74&quot;H</td>
<td>16&quot;W x 74&quot;H</td>
</tr>
<tr>
<td>Brine Tank</td>
<td>18&quot;W x 33&quot;H</td>
<td>18&quot;W x 33&quot;H</td>
<td>18&quot;W x 40&quot;H</td>
<td>18&quot;W x 40&quot;H</td>
<td>24&quot;W x 41&quot;H</td>
</tr>
</tbody>
</table>

**ASP2 Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>ASP2-1044TW</th>
<th>ASP2-1054TW</th>
<th>ASP2-1354TW</th>
<th>ASP2-1465TW</th>
<th>ASP2-1665TW</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity:</strong> (Grains/Lbs. NaCl)</td>
<td>Minimum</td>
<td>11,100 @ 3.2</td>
<td>22,900 @ 6.1</td>
<td>28,200 @ 9.3</td>
<td>40,000 @ 13.0</td>
</tr>
<tr>
<td></td>
<td>Medium</td>
<td>19,100 @ 9.3</td>
<td>32,000 @ 12.4</td>
<td>48,300 @ 15.9</td>
<td>68,000 @ 22.0</td>
</tr>
<tr>
<td></td>
<td>Maximum</td>
<td>20,300 @ 12.4</td>
<td>34,800 @ 15.9</td>
<td>60,300 @ 26.5</td>
<td>84,000 @ 37.0</td>
</tr>
<tr>
<td>Amount of Media (Cu.Ft.)</td>
<td>1.0</td>
<td>1.5</td>
<td>2.5</td>
<td>3.5</td>
<td>4.5</td>
</tr>
<tr>
<td>Maximum Water Hardness (GPG)</td>
<td>40</td>
<td>60</td>
<td>80</td>
<td>80</td>
<td>80</td>
</tr>
<tr>
<td>Maximum Iron and Manganese (PPM)</td>
<td>8.0</td>
<td>10.0</td>
<td>15.0</td>
<td>15.0</td>
<td>15.0</td>
</tr>
<tr>
<td>Minimum pH</td>
<td>7.0</td>
<td>7.0</td>
<td>7.0</td>
<td>7.0</td>
<td>7.0</td>
</tr>
<tr>
<td>Total pH Adjusted Water</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Peak Flow Rate (GPM @ PSI)</td>
<td>19.0 @ 9.3</td>
<td>17.0 @ 9.1</td>
<td>19.0 @ 8.6</td>
<td>26.0 @ 25.0</td>
<td>26.0 @ 25.0</td>
</tr>
<tr>
<td>Continuous Flow Rate (GPM @ PSI)</td>
<td>9.0 @ 3.0</td>
<td>8.0 @ 3.7</td>
<td>9.0 @ 2.8</td>
<td>19.0 @ 15.0</td>
<td>19.0 @ 15.0</td>
</tr>
<tr>
<td>Water Pressure Range (PSI)</td>
<td>25-100</td>
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<td>Pipe Size</td>
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**Cycle Times and Usage Specifications**

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<tbody>
<tr>
<td><strong>Brine Refill</strong></td>
<td>6</td>
<td>3</td>
<td>10</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td><strong>Backwash</strong></td>
<td>12</td>
<td>42</td>
<td>12</td>
<td>48</td>
<td>12</td>
</tr>
<tr>
<td><strong>Brine &amp; Rinse</strong></td>
<td>72</td>
<td>29</td>
<td>90</td>
<td>36</td>
<td>90</td>
</tr>
<tr>
<td><strong>Rapid Rinse</strong></td>
<td>4</td>
<td>14</td>
<td>4</td>
<td>16</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>94</td>
<td>88</td>
<td>116</td>
<td>105</td>
<td>118</td>
</tr>
</tbody>
</table>

*All specs are shown in capacity per tank.

**NOTE:** Only the 644TW through the 1354TW sizes are approved in the state of Wisconsin.

* All Sanitizer Plus Twin water conditioners are pre-factory set at medium salting.

**NOTE:** Influent waters must be at least 3 GPG hardness and 80 TDS. A calcite or corosex unite may be needed for correct operation.

* Combined iron and manganese removal varies depending on the form of iron, manganese, pH and other local conditions. On waters that are pre-chlorinated or where other pre-oxidation occurs, precipitated metal oxides may form that are too fine to be filtered.

* The pH listed is the minimum for influent water.

* Optimum pH adjustment occurs at 3.0 gpm or less at maximum salt settings. Higher flow rates will produce less pH adjusted water.

* Unit not tested for capacity at these flow rates. Water quality may vary.

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*Cycle times and usage specifications are based on CR-100 units.*