CLASSIC SERIES
SINGLE HEAD ADJUSTABLE SPECIFICATIONS

FEATURES

- 3-point roller design assists in anti-siphon protection
- Pump head requires no valves, allows for easy maintenance
- Self-priming against maximum working pressure, foot valve not required
- Pump does not lose prime or vapor lock
- Pumps off-gassing solutions and can run dry
- Output volume is not affected by back pressure
- Injection check valve included with models rated 100 psi (6.9 bar) maximum
- Easy to change pump tube; lubrication is not required
- Pump tubes and pump heads interchange between models
- Models (Santoprene® only) tested by Water Quality Association to conform to ANSI/NSF STD 61
- Adjustable models (Santoprene® only) tested by ETL to conform to ANSI/NSF STD 50

SHIPPING WEIGHT 9 lbs (3.9 kg)

Agency listings vary by model. Contact factory for details.
**CLASSIC SERIES**
**SINGLE HEAD ADJUSTABLE SPECIFICATIONS**

**FLOW RATE OUTPUT CONTROL**
External dial ring, 5-100% in 2.5% increments

**MAXIMUM WORKING PRESSURE**
25 psi (1.7 bar), 100 psi (6.9 bar)

**MAXIMUM OPERATING TEMPERATURE**
125°F (52°C)

**MAXIMUM SUCTION LIFT**
25 ft (7.6 m) vertical lift, based on water

**MOTOR TYPE**
1/30 HP, shaded pole, class B

**SHAFT RPM (average maximum)**
26 or 44

**DUTY CYCLE**
Continuous

**MOTOR VOLTAGE (Amp Draw)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Item Number</th>
<th>Prefix</th>
<th>Pump Tube</th>
<th>Gallons per Day</th>
<th>Gallons per Hour</th>
<th>Quarts per Minute</th>
<th>Liters per Day</th>
<th>Liters per Hour</th>
<th>Milliliters per Minute</th>
<th>Liters per Day</th>
<th>Liters per Hour</th>
<th>Milliliters per Minute</th>
</tr>
</thead>
<tbody>
<tr>
<td>45M1</td>
<td>45MJL1</td>
<td>1</td>
<td>0.2 to 3.0</td>
<td>0.01 to 0.13</td>
<td>0.02 to 0.27</td>
<td>0.8 to 11.4</td>
<td>0.03 to 0.48</td>
<td>0.56 to 7.92</td>
<td>0.02 to 0.38</td>
<td>0.31 to 6.32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45M2</td>
<td>45MJL2</td>
<td>2</td>
<td>0.5 to 10.0</td>
<td>0.02 to 0.42</td>
<td>0.04 to 0.89</td>
<td>1.9 to 37.9</td>
<td>0.08 to 1.58</td>
<td>1.32 to 26.32</td>
<td>0.06 to 1.26</td>
<td>1.67 to 21.04</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45M3</td>
<td>45MJL3</td>
<td>3</td>
<td>1.1 to 22.0</td>
<td>0.05 to 0.92</td>
<td>0.10 to 1.96</td>
<td>4.2 to 83.3</td>
<td>0.18 to 3.47</td>
<td>2.92 to 57.85</td>
<td>2.39 to 46.25</td>
<td>6.15 to 12.11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45M4</td>
<td>45MJL4</td>
<td>4</td>
<td>1.7 to 35.0</td>
<td>0.07 to 1.46</td>
<td>0.15 to 3.11</td>
<td>6.4 to 132.5</td>
<td>0.27 to 5.52</td>
<td>4.44 to 92.01</td>
<td>5.11 to 10.60</td>
<td>8.73 to 15.56</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45M5</td>
<td>45MJL5</td>
<td>5</td>
<td>2.5 to 50.0</td>
<td>0.10 to 2.08</td>
<td>0.22 to 4.44</td>
<td>9.5 to 189.3</td>
<td>0.40 to 7.89</td>
<td>6.60 to 131.43</td>
<td>7.6 to 151.4</td>
<td>15.28 to 105.14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>85M1</td>
<td>85MJL1</td>
<td>1</td>
<td>0.3 to 5.0</td>
<td>0.01 to 0.21</td>
<td>0.03 to 0.44</td>
<td>1.1 to 18.9</td>
<td>0.05 to 0.79</td>
<td>0.76 to 13.13</td>
<td>0.9 to 15.1</td>
<td>0.52 to 10.49</td>
<td></td>
<td></td>
</tr>
<tr>
<td>85M2</td>
<td>85MJL2</td>
<td>2</td>
<td>0.8 to 17.0</td>
<td>0.03 to 0.71</td>
<td>0.07 to 1.51</td>
<td>3.0 to 64.4</td>
<td>0.13 to 2.68</td>
<td>2.08 to 44.65</td>
<td>2.4 to 51.5</td>
<td>1.67 to 35.76</td>
<td></td>
<td></td>
</tr>
<tr>
<td>85M3</td>
<td>85MJL3</td>
<td>3</td>
<td>2.0 to 40.0</td>
<td>0.08 to 1.67</td>
<td>0.18 to 3.55</td>
<td>7.6 to 151.4</td>
<td>0.32 to 6.31</td>
<td>5.27 to 105.4</td>
<td>6.8 to 121.1</td>
<td>24.84 to 105.14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>85M4</td>
<td>85MJL4</td>
<td>4</td>
<td>3.0 to 60.0</td>
<td>0.13 to 2.5</td>
<td>0.27 to 5.33</td>
<td>11.4 to 227.1</td>
<td>0.48 to 9.46</td>
<td>7.92 to 157.7</td>
<td>9.11 to 181.7</td>
<td>16.32 to 126.18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>85M5</td>
<td>85MJL5</td>
<td>5</td>
<td>4.3 to 85.0</td>
<td>0.18 to 3.54</td>
<td>0.38 to 7.55</td>
<td>16.3 to 321.8</td>
<td>0.68 to 13.4</td>
<td>11.32 to 223.40</td>
<td>13.0 to 257.4</td>
<td>52.03 to 178.75</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Item Number</th>
<th>Prefix</th>
<th>Pump Tube</th>
<th>Gallons per Day</th>
<th>Gallons per Hour</th>
<th>Quarts per Minute</th>
<th>Liters per Day</th>
<th>Liters per Hour</th>
<th>Milliliters per Minute</th>
<th>Liters per Day</th>
<th>Liters per Hour</th>
<th>Milliliters per Minute</th>
</tr>
</thead>
<tbody>
<tr>
<td>45MHP2</td>
<td>45MHL1</td>
<td>1</td>
<td>0.2 to 3.0</td>
<td>0.01 to 0.13</td>
<td>0.02 to 0.27</td>
<td>0.8 to 11.4</td>
<td>0.03 to 0.48</td>
<td>0.56 to 7.92</td>
<td>0.02 to 0.38</td>
<td>0.31 to 6.32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45MP10</td>
<td>45MPH2</td>
<td>2</td>
<td>0.5 to 10.0</td>
<td>0.02 to 0.42</td>
<td>0.04 to 0.89</td>
<td>1.9 to 37.9</td>
<td>0.08 to 1.58</td>
<td>1.32 to 26.32</td>
<td>0.06 to 1.26</td>
<td>1.67 to 21.04</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45MP22</td>
<td>45MPH7</td>
<td>7</td>
<td>1.1 to 22.0</td>
<td>0.05 to 0.92</td>
<td>0.10 to 1.96</td>
<td>4.2 to 83.3</td>
<td>0.18 to 3.47</td>
<td>2.92 to 57.85</td>
<td>3.39 to 66.8</td>
<td>6.29 to 46.25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>85MHP5</td>
<td>85MHL1</td>
<td>1</td>
<td>0.3 to 5.0</td>
<td>0.01 to 0.21</td>
<td>0.03 to 0.44</td>
<td>1.1 to 18.9</td>
<td>0.05 to 0.79</td>
<td>0.76 to 13.13</td>
<td>0.9 to 15.1</td>
<td>0.52 to 10.49</td>
<td></td>
<td></td>
</tr>
<tr>
<td>85MHP10</td>
<td>85MPH7</td>
<td>7</td>
<td>2.0 to 40.0</td>
<td>0.08 to 1.67</td>
<td>0.18 to 3.55</td>
<td>7.6 to 151.4</td>
<td>0.32 to 6.31</td>
<td>5.27 to 105.4</td>
<td>6.15 to 121.1</td>
<td>14.34 to 105.14</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MATERIALS OF CONSTRUCTION**
All Housings: Polycarbonate
Pump Tube: Santoprene®, FDA approved or Versilon®
Check Valve: Duckbill
Pump Head Rollers: Polyethylene
Roller Bushings: Oil impregnated bronze
Suction/Discharge Tubing, Ferrules: Polyethylene, FDA approved
Tube and Injection Fittings: PVC or Polypropylene, NSF listed
Connecting Nuts: PVC, NSF listed
Suction Line Strainer and Cap: PVC or Polypropylene, NSF listed with Ceramic Weight
All Fasteners: Stainless steel
Pump Head Latches: Polypropylene

**ACCESSORY KIT SHIPPED WITH EACH PUMP**
3 Connecting nuts 1/4" or 3/8"
3 Ferrules 1/4" or 6 mm Europe
1 Injection check valve 100 psi (6.9 bar) max. OR 1 Injection fitting 25 psi (1.7 bar) max.
1 Weighted suction line strainer 1/4", 3/8" or 6 mm Europe
1 20’ Roll suction/discharge tubing 1/4" or 3/8", white or UV black OR 6 mm White Europe
1 Additional pump tube
2 Additional latches
1 Mounting bracket
1 Manual

**NOTICE:**
This flyer is not intended for specific application purposes. Stenner Pump Company reserves the right to make changes to prices, products, and specifications at any time without prior notice.

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Model</th>
<th>Item Number</th>
<th>Pump Tube</th>
<th>Gallons per Day</th>
<th>Gallons per Hour</th>
<th>Quarts per Minute</th>
<th>Liters per Day</th>
<th>Liters per Hour</th>
<th>Milliliters per Minute</th>
<th>Liters per Day</th>
<th>Liters per Hour</th>
<th>Milliliters per Minute</th>
</tr>
</thead>
<tbody>
<tr>
<td>SJTOW</td>
<td>120V</td>
<td>60Hz</td>
<td>NEMA 5-15P</td>
<td>230V 50Hz</td>
<td>250V 50Hz</td>
<td>220V 60Hz</td>
<td>220V 60Hz</td>
<td>120V 60Hz</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H05VV-F</td>
<td>230V</td>
<td>50Hz</td>
<td>1/30 HP</td>
<td>220V 60Hz</td>
<td>220V 50Hz</td>
<td>120V 60Hz</td>
<td>120V 60Hz</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTICE:**
The information within this chart is solely intended for use as a guide. The output data is an approximation based on pumping water under a controlled testing environment. Many variables can affect the output of the pump. Stenner Pump Company recommends that all medium pumps undergo field calibration by means of analytical testing to confirm their outputs. The information contained in this flyer is not intended for specific application purposes. Stenner Pump Company reserves the right to make changes to prices, products, and specifications at any time without prior notice.