Chemical Dosing Systems
Capacity: 3 to 120 GPD

The Pure Aqua CDS series chemical dosing systems offer a wide range of capacities to meet various chemical treatment applications. Each system includes the chemical metering pump and polyethylene chemical tank, along with the necessary hoses and fitting for the pump.

**Standard Features**
- Fully adjustable output capacity from 3-120 GPD
- Manual function control for stroke rate & length
- Highly reliable timing circuit
- EMI resistant
- Thermally protected solenoid with auto-reset
- Bleed valve assembly
- Plastic pvc head/fittings and polyethylene tank for a wide range of corrosion resistance to such chemicals as mild acid, chlorine, and caustic solution

**Available Options**
- 230V/1ph/50Hz or 60Hz
- Epoxy coated stainless steel mixer
- pH controller
- ORP controller
- Stand-by pump
- Skid mounted unit
- Custom built unit
- Pump maintenance spare kit
- Level switch
- Local control panel

**Applications**
- Water purification and pollution control
- Iron, hydrogen sulfide & manganese removal
- Scale prevention
- Acid water neutralization
- Coagulation and turbidity removal
- Waste water treatment
- Food Processing
- Detergent and wetting agent metering
- Swimming pool treatment
- Liquid fertilizer treatment
- Hydroponics nutrient treatment
- Municipal water treatment
- Algae control
- Livestock water treatment
#### Chemical Dosing Systems

**Capacity:** 3 to 120 GPD

---

#### Materials of Construction

- **Pump Head:** PVC
- **Diaphragm:** Teflon-faced
- **O-Rings:** Teflon
- **Balls:** Ceramic
- **Fittings:** PVC
- **Tubing:** Clear PVC / White PE
- **Tank / Cover:** Polyethylene

---

<table>
<thead>
<tr>
<th>Model</th>
<th>Output Capacity</th>
<th>Max Pressure (PSI)</th>
<th>Tubing/Connection</th>
<th>Kopkit</th>
<th>Input Power (Watts)</th>
<th>Stroke Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Capacity GPD LPD</td>
<td></td>
<td></td>
<td></td>
<td>Peak Avg Control (Manual)</td>
<td>Max. SPM</td>
</tr>
<tr>
<td>CDS-3</td>
<td>3 12</td>
<td>100</td>
<td>3/8&quot; PVC/PE</td>
<td>KX100</td>
<td>130 50 Online Adjustable</td>
<td>125</td>
</tr>
<tr>
<td>CDS-6</td>
<td>6 23</td>
<td>150</td>
<td>3/8&quot; PVC/PE</td>
<td>K2VTC1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDS-12</td>
<td>12 46</td>
<td>150</td>
<td>3/8&quot; PVC/PE</td>
<td>K3VTC1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDS-24</td>
<td>24 83</td>
<td>100</td>
<td>3/8&quot; PVC/PE</td>
<td>K4VTC1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDS-30</td>
<td>30 114</td>
<td>100</td>
<td>3/8&quot; PVC/PE</td>
<td>K4VTC1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDS-44</td>
<td>44 167</td>
<td>100</td>
<td>3/8&quot; PVC/PE</td>
<td>K4VTC1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDS-76</td>
<td>76 288</td>
<td>100</td>
<td>1/2&quot; PVC/PE</td>
<td>K5VTC3</td>
<td>300 130</td>
<td></td>
</tr>
<tr>
<td>CDS-120</td>
<td>120 454</td>
<td>100</td>
<td>1/2&quot; PVC/PE</td>
<td>K6VTC3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

Pure Aqua also supplies: Custom Engineered Solutions, Multimedia Pretreatment, Activated Carbon Pretreatment, Water Conditioning, Chemical Dosing Systems, Ultraviolet (UV) Sterilizers and Ozonation Systems.

---

© 2016 Pure Aqua, Inc. All right reserved. Specifications subject to change without notice.