The unique Dulcodes LP UV systems are synonymous with cutting-edge water treatment – extremely efficient and highly effective. Our patented Vario-Flux high-output lamps, featuring dynamic lamp heating and controlled by electronic ballast technology allow the lamps to be quickly and precisely dimmed over a broad power range of up to 50% of the nominal electrical power.

Features & Benefits

Stay Safe
- 3rd-Party Validated to MAHC 3-log Cryptosporidium requirement and the 400 J/m² MS2 RED per the New York State DOH
- Systems are EPA registered: EPA Est. 94453-CHK-1
- Electronic lamp drivers automatically adjust to changes in water clarity
- High flexibility thanks to vertical or horizontal installation

Stay in Control
- Optimized design through intensive computer simulation resulting in minimal pressure loss and uniform radiation dose

Stay Economical
- Electronic lamp drivers run the lamps at lowest possible power level to save $$$ and improve lamp longevity
- Dynamic lamp heating keeps lamps in the optimal temperature range
- Reduced life cycle costs due to the long service life of Vario-Flux high-output lamps with low energy consumption and high UV output
- Quick lamp change feature requires less labor
- IIoT ready

Certifications
- NSF50 (2012 standard); Annex H
- Single Pass validation for Cryptosporidium
- Electrical Certification: UL 508A, CSA C22.2 No. 14
Technical data

**Lamp type** .............. Vario-Flux low pressure lamp
**Controller type** .......... Delux controller
**Permissible operating pressure** .... 150 psi
**Permissible ambient temperature** ... 41-104 °F
**Permissible water temperature** ...... 37-160 °F
**Enclosure rating** ............ NEMA 12 (NEMA 4 cabinet with A/C available as an option)

### Technical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>Part Number</th>
<th># of Lamps</th>
<th>Power Output</th>
<th>GPM Max. @ 400 J/m² @95% UVT</th>
<th>GPM Max. @ 600 J/m² @95% UVT</th>
<th>Flange Size</th>
<th>Phase</th>
<th>Unit Voltage</th>
<th>FLA Amps</th>
<th>Chamber Weights</th>
<th>Cabinet Weights</th>
<th>Shipping Dimensions (L x W x H)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1x230LP</td>
<td>1080083</td>
<td>1</td>
<td>310</td>
<td>143</td>
<td>95</td>
<td>3&quot;</td>
<td>1</td>
<td>230</td>
<td>2.0</td>
<td>42.0/70.5</td>
<td>67</td>
<td>69.7 x 38.2 x 20.1</td>
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<td>430</td>
<td>198</td>
<td>132</td>
<td>4&quot;</td>
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<td>230</td>
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<td>66.1/132.3</td>
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<td>835</td>
<td>458</td>
<td>304</td>
<td>6&quot;</td>
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<td>230</td>
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<td>357</td>
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<td>230</td>
<td>5.0</td>
<td>143.3/306.4</td>
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<td>810</td>
<td>542</td>
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<td>185.1/482.8</td>
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<td>79.5 x 65.7 x 25.2</td>
</tr>
</tbody>
</table>

Note: Additional flange sizes available upon request based on flow range and pipe velocity. All dimensions/weights are approximates.

### Drawings

*Standard length is 26.2 ft., longer cables available upon request.*