Dulcodes S UV System

Low impact, less cost, highly effective chloramine reduction in spas and therapy pools

The **Dulcodes S UV system** is ideal for breaking down bound chlorine (chloramines) in low flow water. These odor-intensive substances ("chlorine odor") irritate the eyes and mucous membranes. Special Powerline medium pressure lamps generate intensive UV radiation for the effective reduction of the chloramines.

In addition, chlorine-resistant germs in the water are reliably killed, resulting in better and healthier water quality. The in-line design ensures that the system is simple and easy to install in any position: quick retrofitting with minimal work, directly into a plastic pipeline without any stainless steel connection pieces required.

**Features & Benefits**

- Minimum space requirement due to extremely compact in-line design
- Highest level of installation flexibility due to free choice of mounting orientation
- Maintenance-friendly single-end lamp connection
- Quick payback due to operating cost savings in fresh water, chemicals and heating
- Additional disinfection barrier for chlorine-resistant germs
- High operating safety and simple diagnostics thanks to integrated screen recorder
- Automatic wiper included
- Radiation chamber from high quality stainless steel 316 L
- Power and maintenance savings when interfaced with DCM502
- Monitoring of the system performance by UVC-selective sensor
- Monitoring of the water temperature
- NSF 50 / ANNEX H

**Applications**

- Swimming pools
- Spas
- Spray pads
- Zoos and Aquariums
- Therapy Pools

Certified to NSF/ANSI Standard 50
Dulcodes S UV System

Specifications

Technical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>Part Number</th>
<th># of Lamps</th>
<th>Power Output Watts</th>
<th>Outdoor Pools Max. GPM 400 J/m²</th>
<th>Combined CL2 Max. GPM 600 J/m²</th>
<th>Flange Size in.</th>
<th>Phase</th>
<th>Unit Voltage V</th>
<th>FLA Amps</th>
<th>Chamber Weights Dry/Wet lbs.</th>
<th>Cabinet Weights lbs.</th>
<th>Shipping Dimensions in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1X1</td>
<td>7781580</td>
<td>1</td>
<td>1000</td>
<td>337</td>
<td>225</td>
<td>4&quot;</td>
<td>3</td>
<td>460</td>
<td>6.5</td>
<td>46/82</td>
<td>120</td>
<td>23.62&quot; (600 mm)</td>
</tr>
</tbody>
</table>

1 Units are NSF listed

Maximum operating pressure 150 psi

Dimensional Drawings & Sizes

Cable length 16.4 ft.