Dulcodes LP Food & Beverage
Chemical-free disinfection of production water for the food and beverage industry!

ProMinent introduces the new Dulcodes LP Thin-Layer UV system for the Food & Beverage Market. This highly efficient system uses minimal energy by reducing the number of lamps needed for disinfection purposes. The hygienic design of the UV chamber optimizes flow that results in even doses of radiation across the lamp resulting in minimal pressure losses. The Dulcodes LP can be controlled over a wide temperature range and automatically adapts to changing flows. The Vario-Flux lamps offer long service life, high UV output and minimal energy consumption.

Features & Benefits
• Efficient, safe and chemical-free disinfection of product water in the food and beverage industry
• Hygienic design without gaps and dead space, tri-clamp connectors, surface roughness Ra <0.8 internal and external, FDA-compliant materials
• Adapted disinfection with varying flows and water temperatures
• Increased flow output with a minimum number of lamps and minimum pressure loss
• Reduced operating costs due to the long service life of Vario-Flux high-output lamps with low energy consumption and high UV output

Applications
• Food and beverage production

Certifications
• Electrical Certification: UL 508A, CSA C22.2 No. 14
## Dulcodes LP Food & Beverage

### Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th># of Lamps</th>
<th>Max Flow</th>
<th>Lamp Power</th>
<th>Connected load</th>
<th>Reactor length</th>
<th>Minimum clearance for service</th>
<th>Ø</th>
<th>Tri-clamp connector width</th>
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</thead>
<tbody>
<tr>
<td>1x350LP</td>
<td>1</td>
<td>9</td>
<td>370</td>
<td>430</td>
<td>64.6</td>
<td>57.7</td>
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<td>2 x 370</td>
<td>835</td>
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<td>57.7</td>
<td>10.0</td>
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<td>3x350LP</td>
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<td>43</td>
<td>3 x 370</td>
<td>1,240</td>
<td>74.2</td>
<td>61.6</td>
<td>12.8</td>
<td>8&quot;</td>
</tr>
</tbody>
</table>

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

UV System flow rates sized for 95% UVT

### Drawings

![Drawings](image-url)

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

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