triogen® UV CF-LT offers a high performance UV system for commercial pools, spas and water features with functions tailored to suit operator budget. These certified systems provide advanced lamp and vessel efficiency with automatic and energy saving features for disinfection and improved water quality.

APPLICATIONS
- Commercial pools
- Hotel, club and private pools
- Water parks and water features

BENEFITS
- Safely lower free chlorine residual with effective disinfection including chlorine resistant micro-organisms
- Chloramine destruction reducing “red eye” and irritation of skin and respiratory system
- Significant improvement in water clarity and air quality
- Helps to inhibit the growth of algae
- Savings in water, energy and chemical consumption
- Low capital and installation costs, with minimal service and plant room space required

MAIN FEATURES
- Polychromatic 8000 hour medium pressure UV lamp system
- Advanced lamp efficiency and automatic low power setting function
- 316L stainless steel electro-polished or titanium vessel
- Manual wiper system
- Quick release powerhead for easy lamp replacement
- Wall mounted control panel with hours ran display
- CE marked
- Manufactured to ISO 9001 : 2015

UV TECHNOLOGY
- Medium pressure polychromatic ultraviolet (UV) light is a highly effective means to inactivate bacteria and viruses, and will oxidise organic species in water.
- UV disinfection consists of a physical, chemical-free process, directly attacking the vital DNA of the bacteria and micro-organisms
- Chlorine-resistant pathogens such as Cryptosporidium and Giardia are inactivated by UV light
- UV reduces Chloramines by a variety of mechanisms
- UV technology will easily enhance the disinfection and oxidation of all types of pools and water features
### TECHNICAL DATA

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Flow Rates (1)</th>
<th>Flow Rates (2)</th>
<th>Lamp Power</th>
<th>Supply Rating(*)</th>
<th>Inlet/outlet Connections</th>
<th>Maintenance Area</th>
<th>Control Panel Dimensions</th>
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<tbody>
<tr>
<td>CF-LT 20</td>
<td>20 88</td>
<td>30 132</td>
<td>1.0</td>
<td>220/1/60</td>
<td>75/3&quot;</td>
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<td>600x200x600</td>
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<td>230/1/50</td>
<td>100/4&quot;</td>
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<tr>
<td>CF-LT 70</td>
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<td>105 462</td>
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<td>OPTIONS</td>
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</table>

**QUALITY STANDARDS**
- ISO 9001 : 2015
- CE Approved

**MATERIALS**
- Reactor Vessel: electropolished 316L stainless steel, rated to 10Bar (g)
- Flanges: BS EN1092 PN10, ANSI 150 or COMBI
- Lamp: high purity quartz
- Thimble: high purity quartz
- Panel: polyester coated mild steel, IP54 protection

**REMOTE CONTROLS AND SIGNALS**
- 2 line LCD controller mounted to control panel, incorporating Lamp ON/OFF button and Lamp hours screen
- Auto Lamp OFF function (at a preset time)
- Lamp current displayed
- System Control screen (switch between manual or remote)
- Reactor and panel temperatures displayed
- Low and high current alarms can be set within the controller
- Lamp cooling screen (countdown to next start).

**OPTIONS**
- IP panel rating and materials
- 316L stainless steel ancillaries
- Reactor vessel & wetted parts in titanium
- UV monitor with remote analogue output (0-10V 4-20mA)

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