

Ultraviolet Disinfection

Aline's UV disinfection range harnesses and utilises certain wavelengths of Ultraviolet light which is a natural component of sunlight, falling just below the visible light region of the Electromagnetic spectrum. These particular wavelengths have the ability to destroy micro-organisms (bacteria, viruses and cysts) in water and air by damaging their DNA molecules, thus preventing them replicating and surviving to cause harm.

Ultraviolet disinfection gives safe water without the use of harmful chemicals, does not affect the taste or odour of the water and uses less power than a standard light bulb. The Aline range is available for flow rates of 18 L/m up to 1,000 L/m and greater and includes NSF and USEPA validated systems. Some of the systems incorporate UV sensors to provide the continuous readout of UV intensity.



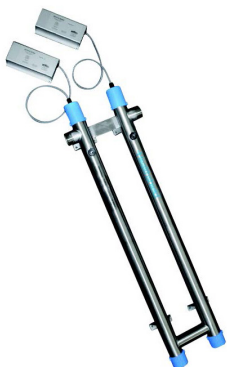
HE-5 Series

- Suitable for flow rates of up to 130 L/m
- Built with a durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation
- The controller visually displays the remaining lamp life and will go into alarm if the lamp fails
- The controller has a sealed case to prevent damage from accidental water intrusion and is fully CSA and CE compliant



HE-7 Series

- Suitable for flow rates of up to 120 L/m
- High intensity lamps provide consistent and reliable ultraviolet output over the entire life of the lamp
- Built with a durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation
- Audible and visual lamp fail alarm
- Volt free contacts for lamp fail alarm



HE-9 Series

- Suitable for flow rates of up to 300 L/m
- High intensity lamps provide consistent and reliable ultraviolet output over the entire life of the lamp
- Audible and visual lamp fail alarm
- Volt free contacts for lamp fail alarm
- Built with a durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation