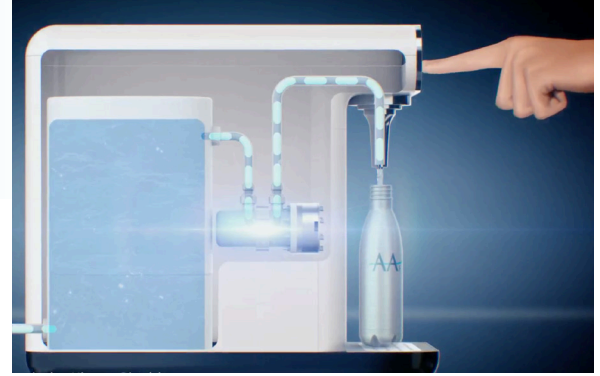


# The World's First UVC LED Shield From KLARAN Brings LED Technology To The Water Industry

The Klaran UVC LED Shield protects Direct Chill Water Coolers from Bacteria, Viruses and other Pathogens

The Klaran UVC LED Shield emits UVC radiation which destroys 99.9%+ of Cryptosporidium, Giardia, E Coli, Pseudomonas and Legionella.

New Research from Boston University also demonstrates that the Klaran UVC LED's radiation wavelength of 260nm – 270nm is effective in inactivating the Virus that causes Covid19!



The Klaran Shield consists of small chamber through which the water flows from the Direct Chill Tank to the Tap. On its way the water is exposed with UVC LED wavelength radiation which is highly effective in destroying water-borne Bacteria and Viruses



The revolutionary KLARAN WS UVC LED Shield - supplied by AA First

The Klaran UVC LED Shield is situated between the Direct Chill Tank and in front of the dispensing tap, to provide point of dispense protection from Bacteria and Viruses



The Klaran UVC LED Shield is designed to destroy Bacteria and Viruses to protect your health

LED Technology has revolutionised the Lighting Industry. Klaran UVC LED has now applied the same breakthrough Technology to the Water Cooler Industry, offering significant improvements in all round performance.

**KLARAN**

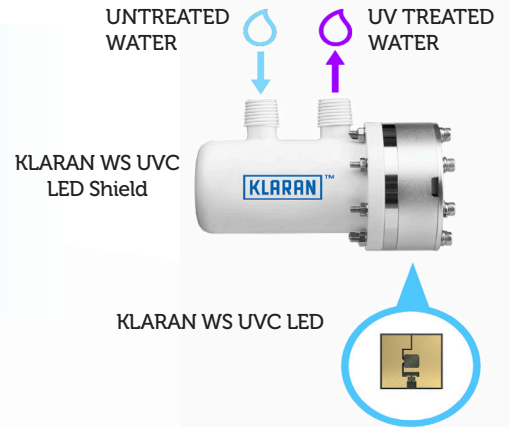
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# The World's First UVC LED Shield From KLARAN Brings LED Technology To The Water Industry

The Klaran UVC LED Shield protects Direct Chill Water Coolers from Bacteria, Viruses and other Pathogens

New UVC LED Technology now finally available to the Water Cooler Industry. The Klaran UVC LED Shield represents a major breakthrough in performance to ensure safe and healthy Drinking Water from your Direct Chill Cooler.

The UVC LED Shield has been tested to provide 99.99% protection against Bacteria. Latest research also shows that the wavelength of 260nm - 270nm emitted by the Shield inactivates the Virus that causes Covid 19.



The Klaran Shield consists of small chamber through which the water flows from the Direct Chill Tank to the Tap. On its way the water is exposed with UVC LED wavelength radiation which is highly effective in destroying water-borne Bacteria and Viruses

The KLARAN WS UVC LED Shield can be supplied factory installed into any AA First Direct Chill Cooler.



It can also be supplied as a stand alone unit for you to retrofit into your own Direct Chill Cooler Park.



## The Klaran UVC LED Technology is vastly superior to conventional UVC Lamps

### Key Points:

- Consistent UVC LED emission with no risk of deterioration over its life time
- Requires virtually no maintenance. This is in marked contrast to UVC Lamps, which require replacing annually - or worse still will remain in situ without doing anything
- The Klaran Shield contains no poisonous Mercury
- Environmental legislation is targeting Mercury and UVC Lamps with Mercury will eventually be banned
- The Klaran Shield is only activated when water is dispensed. It does not use electricity in between, and does not heat the water by a constantly lit UV Lamp
- The Klaran Shield has been tested (so far) to have an effective life span of 5+ years or 36,000+ ltrs @ 2ltr/min flow through
- Klaran are market leaders with over 20 years of experience in UVC LED Technology

**KLARAN**

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