



Covid-Safe Water Treatment Technology

QUASAR

The Oasis Quasar UVC-LED Water treatment system uses UVC-LED's to protect people from bacteria and other harmful pathogens including viruses. Quasar uses light emitting diodes (LED's) to generate high levels of UV photos that protect against contact-transmitted diseases, including Covid-19. The rays are directed at viruses, bacteria and other pathogens on water-holding vessels including cups, water bottles and water containers to render them harmless in seconds.



Enjoy safe, contact-free filling points within your organisation, eliminating the need for users to physically touch the water dispenser.

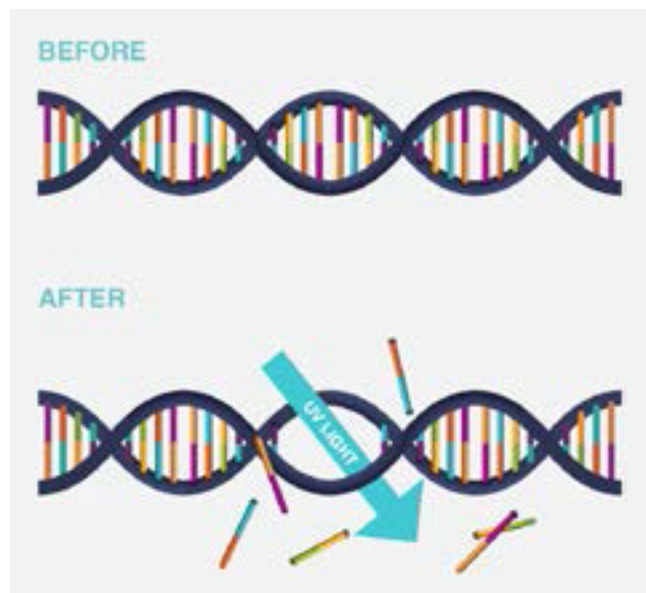
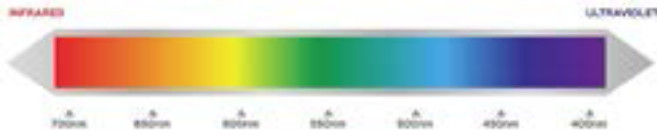
UV photons penetrate harmful microscopic organisms and damage their DNA, making them incapable of reproduction.

UVC-LED technology is used to biologically destroy harmful bacteria and viruses including Covid-19, without using chemicals or mercury-based lamps. The UVC-LED's enable instant full-intensity power, unlimited cycling, remote start/stop, and no heat transfer to the water.

POINT OF DISPENSE
DISINFECTION
TREATMENT ONLY
WITH OASIS



The above image of VersaFiller shows Quasar's UVC-LED treatment right at the point of dispense.



Features:

Pathogen Control:

UVC-LEDs disinfect water bottles and cups as it is dispensed and reduces 99.9% of pathogens, including Covid-19. The technology strongly reduces the chance of contamination or spread of pathogens to the next user.

Pathogen Inactivation:

Effective against a wide range of pathogens including Covid-19, Legionella and chlorine resistant micro-organisms.

Chemical Free:

UVC-LED's provide physical treatment of water without using harmful chemicals or altering the taste.

Mercury Free:

Conventional UV lamps contain mercury whereas UVC-LED's are mercury free.

Freshfield:

Alcove plastic is manufactured with exclusive silver-based antimicrobial compounds to prevent degradation and deterioration caused by bacterial growth.

Extremely Low Power:

UVC-LED's do not transfer heat to the treated water.

Constant Protection:

UVC-LED's pulse on every 15 minutes for a short duration to keep the dispense point sanitised.

Fail Safe:

Prevents water from dispensing if the Quasar unit is disconnected or fails.

Long Life:

UVC-LED's will last 10 years or more. UVC-LED's are only on during water dispense or standby mode for constant protection.