

# QUASAR UVC-LED WATER TREATMENT POINT-OF-DISPENSE DISINFECTION TREATMENT ONLY WITH OASIS

## APPLICATIONS

Reception area and commercial high output applications.

## FEATURES • BENEFITS

### • Pathogen Control:

UVC-LEDs disinfect the water when it is being dispensed reducing 99.99% of pathogens.

### • Pathogen Inactivation:

Effective against a wide range of water-borne pathogens, including Legionella, Cryptosporidium and Giardia.

### • Chemical Free:

Provides physical treatment of water without the use of harmful chemicals or altering taste.

### • Mercury Free:

Conventional UV lamps contain mercury, a hazardous material which requires special disposal.

### • Freshield:

Alcove plastic is manufactured with our exclusive silver-based antimicrobial compound.

### • Extremely Low Power:

UVC-LEDs do not transfer heat to the treated water.

### • Constant Protection:

UVC-LEDs pulse on every 10 minutes to keep the dispense point sanitized.

### • Fail Safe:

Prevents water from dispensing if the QUASAR unit becomes disconnected or fails.

### • Long Life:

UVC-LEDs will last ten years or more.

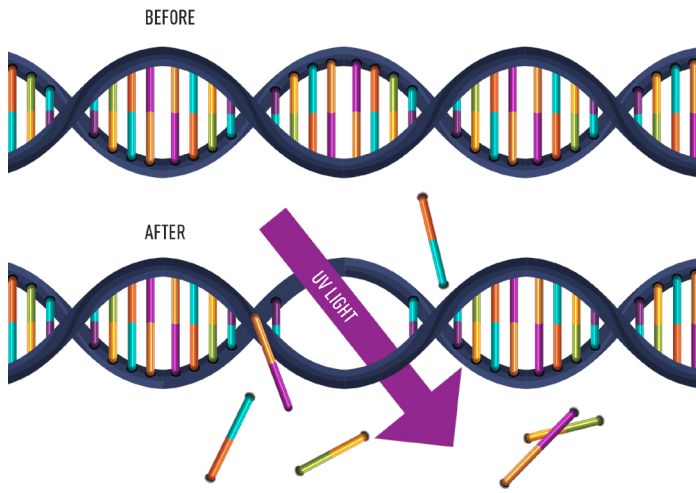


## LEGIONELLA THREAT

Since 2000, the rate of reported cases of Legionnaires' disease has increased by 550%. Legionnaires', a pneumonia like disease, is so serious that one in ten people who get sick will die. That number increases to one in four if the person who is infected has a compromised immune system, putting healthcare facilities at particular risk for serious outbreak.

Legionella is extremely common in all water supply systems. It likes to hide and grow within a building's plumbing system, feeding on the biofilm that has built up over the years. Safely hidden in the biofilm from chemical deterrents and further in the pipes than most water treatment systems, Legionella can build to a dangerous level.

Despite efforts from health care officials to reduce the risk of Legionella through water system plans, Legionella continues to be a rising public concern.



## UVC LED PATHOGEN CONTROL.

UV represents wavelengths that fall between visible light and x-ray on the electromagnetic spectrum. UV photons penetrate harmful microscopic organisms and damage the DNA, rendering them incapable of reproduction.

UVC-LED technology is used to biologically destroy harmful bacteria and viruses, without the use of chemicals or mercury-based lamps. The UVC-LEDs allow for instant full intensity power, unlimited cycling, remote start/stop, and no heat transfer to the water.

## SPECIFICATIONS

The OASIS® QUASAR UVC-LED Water Treatment system uses UVC-LEDs to protect people from Legionella and other harmful pathogens. Treating water at the point of dispense, QUASAR uses Light Emitting Diodes (LEDs) to generate high levels of UV photons. The rays are directed at viruses, bacteria, and other pathogens within drinking water to render those pathogens harmless in seconds.

Model	PWEBQ	P8EBQY	MWEBQ	PWSMEBQ
Type	Electronic (Touch Free) Retrofit Kit with QUASAR	Electronic (Touch Free) Bottle Filler and Manual Drinking Fountain with QUASAR	Electronic (Touch Free) Fully Recessed Bottle Filler with QUASAR	Electronic (Touch Free) Surface Mount Bottle Filler with QUASAR
10° C Drinking Water/ 21° C Ambient Air Temp:				
Rated Capacity LPH		60		
Base Rate LPH		60		
Pre-Cooler	Non-Refrigerated	No	Non-Refrigerated	Non-Refrigerated
Hot'N Cold™ Model		No		
220-240 Volts, 50/60HZ:				
Compr. HP		1/4		
Full Load Amps	0.1		0.1	0.1
Rated Watts	7		7	7
Auto-Off Water Flow	Yes	Yes	Yes	Yes
Glass Filler ACC Option	No	No	No	No
Cabinet Color Option	No	No	No	No
Net Wt. Approx (kg)	5	31	12	3



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