



QUASAR™

UVC-LED WATER TREATMENT ■

Exclusively through OHYDR8

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.

Fast Fact:

Since 2000, reported cases of Legionnaires' disease has increased by 550%.



UVC-LED Treatment right at the point-of-dispense



Features:

- **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 ■

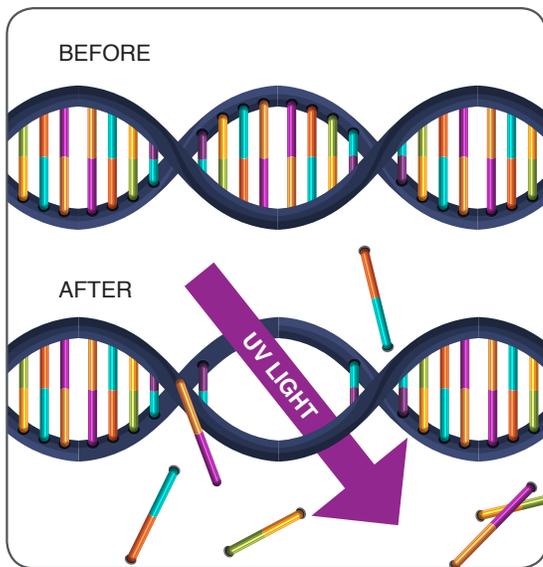
Since 2000, the rate of reported cases of Legionnaires' disease has increased by 550%. Legionnaires', a pneumonia like disease, is so serious that one in ten people who get sick will die. That number increases to one in four if the person who is infected has a compromised immune system, putting healthcare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

“With Legionella already in most water systems, treating water at the point of dispense is the best defense.”

*Lou Busick
VP of Innovation*



UVC-LED TECHNOLOGY ■

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.

	VersaCooler II with QUASAR		VersaCooler II Split-Level with QUASAR		Modular with QUASAR			QUASAR Retrofit Kit
	Refrigerated	Non-Refrigerated	Refrigerated	Non-Refrigerated	8 Gallon Refrigerated	12 Gallon Refrigerated	Non-Refrigerated	
FILTERED	PG8F2EBQ	PGF2EBQ	PG8F2EBQSL	PGF2EBQSL	MW8F2EBQ	MW12F2EBQ	MWF2EBQ	PWF2EBQ
NON-FILTERED	PG8EBQ	PGEQBQ	PG8EBQSL	PGEQBQSL	MW8EBQ	MW12EBQ	MWEBQ	PWEBQ



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