

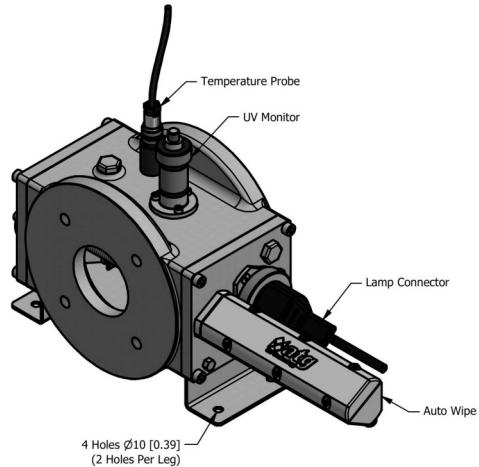
The Wafer® Ultraviolet (UV) disinfection system differs from any other system currently on the market, with a unique chamber making it the most compact UV disinfection system available today at about one third of the size of comparative UV offerings. With a significantly reduced maintenance envelope, the Wafer system offers an easy to install and retrofit solution that will fit into the tightest of mechanical rooms.

Not only does the Wafer UV System represent the most compact UV solution available, it also features a hydraulically optimized design that provides efficient treatment of chlorine resistant pathogens such as Cryptosporidium, as well as reduction of chloramines delivering a more pleasant and safer environment for pool users. The strong odor associated with swimming pools will also be eliminated, and the facility will be protected from the corrosive effects these chemicals can have.

The Wafer System is tested to and is compliant with the latest regulatory requirements, giving installers and operators the knowledge that they are providing not only the most efficient solution, but a fully compliant one.

The Wafer System also includes a number of advanced features. The automatic wiper and Twistlok™ lamps are designed to reduce maintenance intervals and to ensure that any maintenance is simpler, faster to undertake, and as safe as possible.

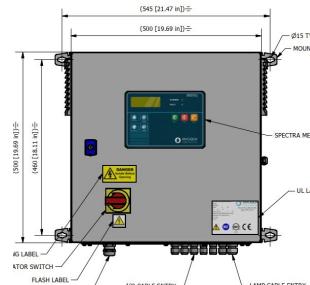
Operators will benefit from the inclusion of the Spectra control system as a standard, which includes a wide range of features such as data stream monitoring, process interlocks, and programmable set points. A key Spectra control feature includes variable power stepping from 100% to 30% at no extra cost, allowing operators to optimize the operational power of their system to match bather loads and pool operating schedules.



Model	Lamp & Power	Weight (Wet/Dry)	Connection	Pressure Rating	Reactor Materials
WF-115-3	1 x 1500w	66/60	3" ANSI 150	150psi	316SS
Max Flow for 60mj/cm ² UV Dose & 3-Log Crypto*		Standard Cables	Optional Cables	Wiper System	
220 gpm		30'	45', 90'	Standard / Automatic Wiper	
Reactor Dimensions (WxDxH Inches)		Exact Flange to Flange	Quartz Strainer	Pipe Shields	
7x21x12		6.3"	3" Basket	3" (x2)	

*All flow rates assume a 94% minimum UVT. Call for site specific or NY sanitary code sizing. Minimum 60mj/cm² @ EOLL (End of Lamp Life)

Control Panel Rating	Control Panel Material	Control Panel Weight (lbs)	Control Panel Dimensions (Inches)
Nema12	Mild Steel	66	20x20x10
Variable Power		30-100% (Automatic Dose Pacing)	
User Interface		Spectra III Membrane/Push Button	
Voltage	Frequency	FLA	Breaker
Standard	208-230v 1p	50-60hz	8a
Optional	480v 3p	50-60hz	20a
		4.5a	15a



For drawings and other documentation:

Click Images to Follow Links



xylem