

# ULTRAVIOLET DISINFECTION SYSTEM



## AQUABEST<sup>®</sup> CXL SPECIFICATIONS

MODEL#	4L100	5L125	6L150	4L190	5L240	6L290	7L330	8L380	10L480	12L580
Flow Rate gpm/(m <sup>3</sup> /Hr.)	100gpm (23m <sup>3</sup> /Hr.)	125gpm (28m <sup>3</sup> /Hr.)	150gpm (34m <sup>3</sup> /Hr.)	190gpm (43m <sup>3</sup> /Hr.)	240gpm (55m <sup>3</sup> /Hr.)	290gpm (66m <sup>3</sup> /Hr.)	330gpm (75m <sup>3</sup> /Hr.)	380gpm (86m <sup>3</sup> /Hr.)	480gpm (109m <sup>3</sup> /Hr.)	580gpm (132m <sup>3</sup> /Hr.)
Inlet/Outlet Port (Flange)	3"	3"	3"	4"	4"	4"	4"	6"	6"	6"
Dimension (cm) (inch)	101.6x25.4x58.4 (14"x10"x23")			172.7x28x71.2 (68"x11"x28")				172.7x33x71.2 (68"x13"x28")		
Lamp part#/Watts	THO36LS (87W)			THO64LS (155W)						
Quartz Sleeve Part#	QS900			QS1575						
Ballasts Controller	#ABE80087, 0.92A,110-250V.,50/60Hz.			#ABE800155,0.75A., 230-250V.,50/60Hz.						
Numbers of lamp, Quartz Sleeve&Ballasts	4	5	6	4	5	6	7	8	10	12

+ Flow Rate Stated at 30mJ/cm<sup>2</sup> based on 95% UVT EOL(End of Lamp Life)

### Control:

- + Audible Alarm
- + Lamp Operation Indicators
- + Hours Running Meter: Non-Resettable, log up to 99999Hours
- + Power Switch"ON OFF"
- + Ultraviolet Intensity Monitor(Optional)
- + Temperature Monitor(Optional)
- + Sanitary Fittings(Optional)
- + CE Certification

### Operating Parameters:

- + Max. Operating Pressure:125psi(8.62bar)
- + Ambient Water Temperature:2-40°C(36-104°F)
- + Iron:<0.3ppm(0.3mg/L)
- + Turbidity:<1NTU
- + UV Transmittance:>75%

- + 4-log(99.99%)Reduction in Bacteria, Viruses and Protozoan Cysts
- + UV Lamp Rated Life 10000 Hours
- + Electro-Polished 304SS Reactor Chamber(316SS Available on Request)



Lamp Made In USA



Worldwide Patent Number: 7,604,505

Typical Installation



**Warranty** AQUABEST<sup>®</sup> ultraviolet disinfection systems carry a TWO year warranty on the stainless steel reactor chamber, a one year warranty on UV lamp, quartz sleeve and other components.

