



AQUA BEST®

VAL

ULTRAVIOLET DISINFECTION SYSTEM



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VAL

SPECIFICATIONS

MODEL#	VAL12	VAL24	VAL35	VAL50	VAL60	VAL75	VAL100	VAL125	VAL150
Flow Rate	12gpm (3m ³ /Hr.)	24gpm (6m ³ /Hr.)	35gpm (8m ³ /Hr.)	50gpm (11m ³ /Hr.)	60gpm (14m ³ /Hr.)	75gpm (17m ³ /Hr.)	100gpm (23m ³ /Hr.)	125gpm (28m ³ /Hr.)	150gpm (34m ³ /Hr.)
Inlet/Outlet Port	1"MNPT	1"MNPT	1-1/2"MNPT	1-1/2"MNPT	2"Flange	2"Flange	3"Flange	3"Flange	3"Flange
Dimension (mm)	925*180*259	925*180*271	925*250*350	925*250*350	925*320*398	925*250*350	925*390*499	925*390*499	925*390*499
Lamp part#Watts	E36LS(39W)	E36LS(39W)	E36LS(39W)	E36LS(39W)	E36LS(39W)	THO36LS(87W)	THO36LS(87W)	THO36LS(87W)	THO36LS(87W)
Quartz Sleeve Part#	QS900								
Ballasts Controller	#ABE42539, 0.78A.,110-240V.,50/60Hz.					#ABE80087, 0.92A.,110-250V.,50/60Hz.			
Numbers of lamp, Quartz Sleeve & Ballasts	1	2	3	4	5	3	4	5	6

* Flow Rate Stated at 30mJ/cm2 based on 95% UVT EOL(End of Lamp Life)

Control:

- Audible Alarm
- Lamp Operation Indicators
- CE Certification

- + 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)
- + Installation: Vertical or Horizontal

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%



Typical Installation



Lamp Made In USA



Worldwide Patent Number: 7,604,505

Warranty Aqua Best® 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.



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