



AQUA BEST[®]
ULTRAVIOLET DISINFECTION SYSTEM

Your UV partner
We offer the OEM service
Manufacturing UV

AQUA BEST TECHNOLOGY LIMITED

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LT Series

ULTRAVIOLET DISINFECTION SYSTEM



SPECIFICATIONS

MODEL#	LT-1	LT-2	LT-3	LT-6	LT-8	LT-12
Flow rate	1gpm (0.25m ³ /Hr.)	2gpm (0.5m ³ /Hr.)	3gpm (0.75m ³ /Hr.)	6gpm (1.4m ³ /Hr.)	8gpm (1.8m ³ /Hr.)	12gpm (3m ³ /Hr.)
Inlet/Outlet Port	1/4" MNPT	1/4" MNPT	1/2" MNPT	1/2" MNPT	3/4" MNPT	3/4" MNPT
Dimension (cm)	26.6×5.1	34.9×6.3	39.4×6.3	59×6.3	70.8×6.3	93.5×6.3
Lamp part#/Watts	GPH212T5L/4-LT 10 W	GPH287T5L/4-LT 14 W	GPH330T5L/4-LT 17 W	GPH436T5L/4-LT 24 W	GPH645T5L/4-LT 32 W	G36T5L/4-LT 39 W
Power Consumption	19 W	22 W	25 W	30 W	46 W	48 W
Quartz Sleeve Part#	QS245	QS331	QS390	QS535	QS665	QS900
Ballasts Controller	EB-0624	EB-0624	EB-0624	EB-0624	EB-2439	EB-2439

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

Control:

Audible Alarm

Lamp Operation Indicators

Ballast Description(Optional):110V. or 220V. 50-60Hz

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%

LT-1 to LT-12: Single Open Reactor Chamber with Plastic Nut

Warranty 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.



ULTRAVIOLET DISINFECTION SYSTEM



AQUABEST[®] ProA SPECIFICATIONS

MODEL#	PA-2	PA-3	PA-6	PA-8	PA-12	PA-18	PA-24	PA-35	PA-42	PA-52
Flow Rate gpm(m ³ /Hr.)	2gpm (0.5)	3gpm (0.7)	6gpm (1.4)	8gpm (1.8)	12gpm (3)	18gpm (4.1)	24gpm (5.5)	35gpm (7.9)	42gpm (9.5)	52gpm (11.8)
Inlet/Outlet Port (MNPT)	1/4"	1/2"	1/2"	3/4"	3/4"	1"	1"	1"	1-1/2"	1-1/2"
Dimension (cm) (inch)	35×6.5 (14×2.5)	39×6.5 (16×2.5)	56×6.5 (22×2.5)	87×6.5 (34×2.5)	91×6.5 (36×2.5)	47×8.9 (19×3.5)	56×8.9 (22×3.5)	75×8.9 (30×3.5)	89×8.9 (35×3.5)	100×8.9 (39×3.5)
Lamp part#/Watts	E287LS 14W	E330LS 17W	E463LS 25W	E810LS 37W	E36LS 39W	T321LS 36W	T411LS 45W	T601LS 65W	T741LS 80W	T951LS 100W
Quartz Sleeve Part#	QS331	QS370	QS535	QS845	QS900	QS452	QS542	QS732	QS900	QS1082
Ballasts Controller	#BAC100-E, 0.42A., 100V.-250V.,50/60Hz.					#BAC100-T, 1.1A., 100V.-250V.,50/60Hz.				

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

Control:

- Audible Alarm
- Lamp Operation Indicators
- Total Running Days:Non-Resettable,Log up to 9999 Days
- UL & CE Certification

Operating Parameters:

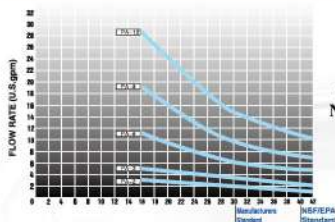
- + Max.Operating Pressure:125psi(8.62bar)
- + Ambient Water Temperature:2-40°C(36-104°F)
- + Iron:<0.3ppm(0.3mg/L)
- + Turbidity:<1NTU
- + UV Transmittance:>75%

+ 4-log(99.99%)Reduction in Bacteria, Viruses and Protozoan Cysts

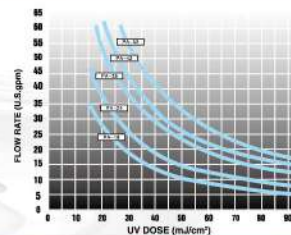
+ UV Lamp Rated Life 10000 Hours

+ Electro-Polished 304SS Reactor Chamber(316SS Available on Request)

+ Installation:Vertical or Horizontal



UV DOSE (mJ/cm²)
Note: dosages based on 95% UVT at end of lamp life (EOL)
Note: 1mJ/cm² = 1,000 μWsec/cm²



Lamp Made In USA



Worldwide Patent Number: 7,604,505



Warranty AQUABEST[®] 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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ULTRAVIOLET DISINFECTION SYSTEM



ProE

SPECIFICATIONS

MODEL#	PE-2	PE-3	PE-6	PE-8	PE-12
Flow Rate	2gpm (0.5m ³ /Hr.)	3gpm (0.7m ³ /Hr.)	6gpm (1.4m ³ /Hr.)	8gpm (1.8m ³ /Hr.)	12gpm (3m ³ /Hr.)
Inlet/Outlet Port	1/4" MNPT	1/2" MNPT	1/2" MNPT	3/4" MNPT	3/4" MNPT
Dimension (cm) (inch)	35×6.5 (13.8"×2.5")	39×6.5 (15.4"×2.5")	55.5×6.5 (21.9"×2.5")	86.5×6.5 (34.1"×2.5")	91.3×6.5 (36"×2.5")
Lamp part#/Watts	E287LS 14W	E330LS 17W	E463LS 25W	E810LS 37W	E36LS 39W
Power Consumption	19W	22W	30W	46W	48W
Quartz Sleeve Part#	QS331	QS370	QS535	QS845	QS900

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

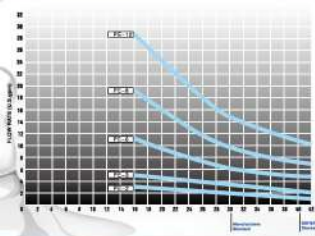
Control:

Audible Alarm
Lamp Operation Indicators
Model#DCW-0640B, 9.5cm×5.5cm×8cm(3.7"×2.2"×3.2")
Max.Current/Voltage:0.39A.,100V./50-60Hz
UL & 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)
- + Installation:Vertical or Horizontal



Lamp Made In USA



Worldwide Patent Number: 7,604,505

Typical Installation



Warranty AquaBest® 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.



Specialized in UltraViolet Disinfection Systems
Healthy, Clean and Safety

Residential / Commercial: **AB-1A~ AB-12A**

Ultraviolet (UV) light treatment is a widely recognized and proven method of disinfection of water and has several advantages over other disinfection methods such as chlorination, ozonation, etc....UV light does not add anything to the water, such as undesirable color, odor, taste or flavor, nor does it generate harmful byproducts. It adds only energy in the form of ultraviolet radiation. Also, UV disinfection requires only a fraction of the contact times required by other disinfection methods. It is fast, efficient, effective, economical and environmentally-friendly.



Model NO.	AB-1A	AB-2A	AB-6A	AB-8A	AB-12A
Distilled DI/RO Water ① (m3/hr.)	1GPM (0.25)	2GPM (0.5)	6GPM (1.5)	8GPM (2)	12GPM (3)
Inlet/Outlet Port Size	1/4"MNPT	1/4"MNPT	1/2"MNPT	3/4"MNPT	3/4"MNPT
Dimension(LxW:mm)	266x51	349x63	590x63	708x63	935X63
Water Chamber	SS304(SS316 Available on Request)				
LampPart#/Watts	GPH212T5L/4C 10W	GPH287T5L/4C 14W	GPH436T5L/4C 24W	GPH645T5L/4C 32W	G36T5L/4C 39W
Power Consumption: ②	14W	18W	28W	36W	44W
Electronic Ballast Part#	DCW-0640B Input Voltage 100- 250V/50-60Hz				
Quartz Sleeve Part#	QS245	QS331	QS535	QS665	QS900
Working Temperature	2-40°C				
Wavelength	254nm(185nm Available on Request)				
Maximum Operating Pressure	125psi	125psi	125psi	125psi	125psi

① Flow Rate Stated at 30mJ/cm2 with 95% UVT EOL (End of Lamp Life) ② Total power consumption, including ballast loss.

UV Dose

The units generate a UV dosage of at least 30,000 microwatt-seconds per square centimeter($\mu\text{W-s/cm}^2$), even at the end-of-lamp life (EOL), which is more than sufficient to destroy most waterborne microorganisms, such as bacteria, yeasts, algae etc.

Dosage is the product of Intensity & Time

$$\text{Dosage} = \text{Intensity} \times \text{Time}$$

$$= \text{microWatt/cm}^2 \times \text{time}$$

$$= \text{microwatt-seconds per square centimeter}$$

$$(\mu\text{W-s/cm}^2)\text{Note: } 1000 \mu\text{W-s/cm}^2 = 1 \text{ mJ/cm}^2 \text{ (milli-Joule/cm}^2)$$

Applications:



Drinking Water



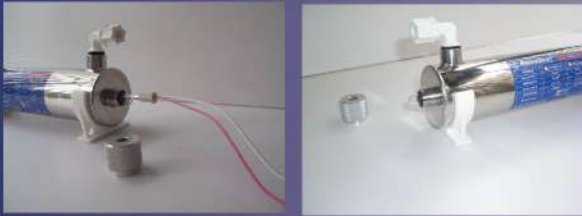
Food Processing



Medical



Industries



UV-CCL Series

AquaBest UV-CCL is effective on both sterilization and deodorization, due to adoption of specialized method "cold-cathode tube" for the sterilization stage. The products which we are using process the advantages of electrode with high-quality and lamp with high efficiency. It will not cause melanism after being using for a long time. It produce little change in the water temperature, even after prolonged periods of a little water flow. It can also replace the Hot-cathode (UV-HCL) completely, with a higher efficiency in a continuous sterilization.

The compact size maximizes installation flexibility and preserves floorspace. It is efficient and cost effective, and provides proven performance and technology in numerous applications such as laboratory and medical facility water, final electronic component rinsing and recirculation loops etc.

UV-CCL Series produce little change in water temperature in the process of sterilization. It can work smoothly even after prolonged periods of no water flow, making them ideal for such applications as water for vending machines. Meanwhile, it can sterilization in the water as well as on the water.

There are two standard ways of sterilizing in the water:
 1: UV-CCL116, 1gpm(0.25m³/Hr.)
 2: UV-CCL256, 2gpm(0.5m³/Hr.)

◆ Sealing Strong

+ High - sealing reaction zone, to ensure stable and reliable test, no inactive gas leakage, for the glass which we are using are adopted by the special glass.

◆ High Quality Glass

+ It maintains high UV output due to adaptation of high quality glass for UV transmittance and internal coat.

◆ Steady Production

+ UV-CCL Series assured them of sufficient stock, large range of components, quick supply and very competitive prices. Availability of specialised engineers and skilled technicians capable of talking about solutions instead of only products represented a solid additional gain.

◆ Photocatalytic Oxidation and Decomposition



When the catalyst irradiate with ultraviolet rays, it produce the product of OH free radicals. Then, OH free radicals will decompose into off-flavored particles. The unwanted particles that produced during deodorization and decomposition will decompose into CO₂ and water which is harmless within human body.

AquaBest UV-CCL's lamp is originally made in Japan, which combined with our company's stainless steel chamber. Finally presents the wonderful ultraviolet disinfection system



Applications:



Drinking Water



Medical



Water Cycle

Products Advantages & Special Efficiency

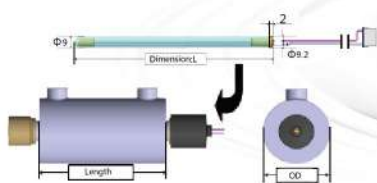
Long service life · Small in size · Anti-earthquake · Energy-saving

- Sterilization and Deodorization through activate photocatalyst.
- Getting safe and purify water through sterilization in the water.
- It can be widely used in the products of water-flowing and water storage.

Operating Parameters

- + Max. Operating Pressure: 85psi
- + Ambient Water Temperature: 2-40 C (36-104 F)
- UV Lamp Rated Life 20000 Hours
- Electro-Polished 304SS Reactor Chamber (316SS Available on Request)

Model	UV-CCL116	UV-CCL256
Flow Rate(gpm) (m ³ /Hr.)	1 (0.25)	2 (0.5)
Inlet/Outlet Port	1/4" FNPT	1/4" FNPT
UV Lamp Part#	CCL150 (4W)	CCL240 (5.5W)
Quartz Sleeve Part#	JQS164	JQS254
Ballasts Part#	EB-11024, 110V.-220V., 50/60Hz. ; EB-22024, 110V.-220V., 50/60Hz.	



Model	Chamber length (mm)	OD of chambe (mm)	Lamp length (mm)	Lamp's Wavelength	OD of Quartz Sleeve (mm)	Length of Quartz Sleeve (mm)	Power Consumption (W)	Lamp Current (mA)	Life time of lamp (h)
UV-CCL116	127	Φ50.8t=0.8	150	254nm	Φ9	164	4.0	15	20,000
UV-CCL256	217	Φ50.8t=0.8	240	254nm	Φ9	254	5.5	15	20,000

Warranty: AquaBest® ultraviolet disinfection systems carry a TWO year warranty on the stainless steel reactor chamber and UV lamp, a one year warranty on Quartz sleeve and other components.

ULTRAVIOLET DISINFECTION SYSTEM




MODEL#	PB-25	PB-50	PB-75	PB-100	PB-125	PB-150
Flow Rate	25gpm (5.7m ³ /Hr.)	50gpm (11m ³ /Hr.)	75gpm (17m ³ /Hr.)	100gpm (23m ³ /Hr.)	125gpm (28m ³ /Hr.)	150gpm (34m ³ /Hr.)
Inlet/Outlet Port	1" MNPT	1-1/2" MNPT	2" Flange	3" Flange	3" Flange	3" Flange
Dimension (cm) (inch)	91×18×26 (35.8"×7"×10.3")	91×25×37 (35.8"×10"×14.6")	91×25×40 (35.8"×10"×15.7")	91×32×41 (35.8"×12.6"×15.7")		
Lamp part#/Watts	THO36LS, 87W					
Quartz Sleeve Part#	QS900					
Ballasts Controller	#ABE80087					
Numbers of lamp, Quartz Sleeve & Ballasts	1	2	3	4	5	6

+ Flow Rate Stated at 30m³/cm² based on 95% UVT EOL (End of Lamp Life)

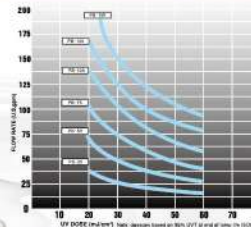
Control:

- Audible Alarm
- Lamp Operation Indicators
- Ballast Description(Optional): 110V. or 250V. 50/60Hz
- Hours Running Meter: Non-Resettable, log up to 99999 Hours
- Power Switch "ON-OFF"
- Ultraviolet Intensity 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® 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.



ULTRAVIOLET DISINFECTION SYSTEM



AQUA BEST[®] CXL SPECIFICATIONS

MODEL#	4L100	5L125	6L150	4L190	5L240	6L290	7L330	8L380	10L480	12L580
Flow Rate gpm(m ³ /Hr.)	100gpm (23m ³ /Hr.)	125gpm (28m ³ /Hr.)	150gpm (34m ³ /Hr.)	190gpm (43m ³ /Hr.)	240gpm (55m ³ /Hr.)	290gpm (66m ³ /Hr.)	330gpm (75m ³ /Hr.)	380gpm (86m ³ /Hr.)	480gpm (109m ³ /Hr.)	580gpm (132m ³ /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/cm² based on 95% UVT EOL(End of Lamp Life)

Control:

- + Audible Alarm
- + Lamp Operation Indicators
- + Hours Running Meter: Non-Resetttable, log up to 99999Hours
- + Power Switch "ON-OFF"
- + Ultraviolet Intensity Monitor(Optional)
- + Temperature Monitor(Optional)
- + Sanitary Fittings(Opational)
- + 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[®] 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.



Specialized in UltraViolet Disinfection Systems
Healthy, Clean and Safety

Residential / Commercial: **AB-12B~ AB-100B**

Ultraviolet (UV) light treatment is a widely recognized and proven method of disinfection of water and has several advantages over other disinfection methods such as chlorination, ozonation, etc....UV light does not add anything to the water, such as undesirable color, odor, taste or flavor, nor does it generate harmful byproducts. It adds only energy in the form of ultraviolet radiation. Also, UV disinfection requires only a fraction of the contact times required by other disinfection methods. It is fast, efficient, effective, economical and environmentally-friendly.

Applications:



Drinking Water



Food Processing



Medical



Industries



ADVANTAGES

Effective

All microorganisms are susceptible to AquaBest[®] ultraviolet water disinfection systems.

Safe

No danger of overdosing, no addition of chemicals.

Easy

Simple installation and maintenance. Compact units require minimum space.

Chemical Free

No chlorine taste or corrosion problems.

Model:	AB-12B	AB-24B	AB-35B	AB-50B	AB-60B	AB-80B	AB-100B
Flow Rate (GPM): ①	12	24	35	50	60	80	100
Flow Rate (m ³ /hr)	3	6	8	11	14	18	23
Water Chamber	SS304 (SS316 Available on Request)						
Dimension (LxWxH: mm)	1040x285x330	1040x285x330	1040x340x440	1040x340x440	1040x340x440	1040x340x440	1200x365x775
Inlet/Outlet	1" MNPT	1" MNPT	1-1/2" MNPT	1-1/2" MNPT	2" Flange	2" Flange	2" Flange
Number of Lamps	1	2	3	4	5	6	8
Lamp Model Part No.	G36T5L/4C						
Rated Life (hr)	9000						
Wavelength	254nm (185nm Available on Request)						
Frequency	50/60Hz						
Lamp Watts	39 Watts	78 Watts	120 Watts	160 Watts	200 Watts	240 Watts	320 Watts
Power Consumption: ②	44 Watts	86 Watts	130 Watts	175 Watts	220 Watts	260 Watts	350 Watts
Quartz Sleeve Part No.	QS900						
Ballasts Controller	ABE42539 0.45A, 110V-250V., 50/60Hz						
Visual Lamp Failure	YES						
Audible Lamp Failure	YES						
Elapsed Time Meter	YES						
UV Intensity Monitor	OPTIONAL						

Economical

Hundreds of gallons are purified for each penny of operating cost.

Fast

Water is ready for use as soon as it leaves the sterilizer – no further contact time required.

Automatic

Provides continuous or intermittent disinfection without special attention or measurement.

① Flow Rate Stated at 30mJ/cm² with 95% UVT EOL (End of Lamp Life) ② Total power consumption, including ballast loss.

UV Dose

The units generate a UV dosage of at least 30,000 microwatt-seconds per square centimeter ($\mu\text{W-s/cm}^2$), even at the end-of-lamp life (EOL), which is more than sufficient to destroy most waterborne microorganisms, such as bacteria, yeasts, algae etc.

Dosage is the product of Intensity & Time

$$\text{Dosage} = \text{Intensity} \times \text{Time}$$

$$= \text{microWatt/cm}^2 \times \text{time}$$

$$= \text{microwatt-seconds per square centimeter}$$

$$(\mu\text{W-s/cm}^2) \text{Note: } 1000 \mu\text{W-s/cm}^2 = 1 \text{ mJ/cm}^2 \text{ (milli-Joule/cm}^2)$$

ULTRAVIOLET DISINFECTION SYSTEM



AQUABEST[®] SCUR SPECIFICATIONS

MODEL#	SCUR4620	SCUR5775	SCUR6930	SCUR71085	SCUR81240	SCUR91395	SCUR101550	SCUR121860
Flow rate	190gpm (43m ³ /Hr.)	240gpm (55m ³ /Hr.)	290gpm (66m ³ /Hr.)	330gpm (75m ³ /Hr.)	380gpm (86m ³ /Hr.)	436gpm (99m ³ /Hr.)	480gpm (109m ³ /Hr.)	580gpm (132m ³ /Hr.)
Inlet/Outlet Port (Flange)	4"	4"	4"	4"	6"	6"	6"	6"
Dimension(mm)	1584*390*504			1584*390*534			1584*390*595	
Lamp part#/Watts	THO64LS. 155W							
Quartz Sleeve Part#	QS1575							
Ballasts Controller	#ABE800155.0.75A., 230-250V.,50/60Hz.							
Numbers of lamp, Quartz Sleeve&Ballasts	4	5	6	7	8	9	10	12

* 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 AQUABEST[®] 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.





AQUA BEST®

VAL

ULTRAVIOLET DISINFECTION SYSTEM



AQUA BEST®

ULTRAVIOLET DISINFECTION SYSTEM

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*396	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 (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%



Lamp Made In USA



Worldwide Patent Number: 7,604,505

Typical Installation



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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AQUABEST®

ULTRAVIOLET DISINFECTION SYSTEM

UV AUTOMATIC CLEANING SYSTEM



AquaBest Model PAW Ultraviolet Treatment Unit

AQUABEST Cleaning UV Series is simple to operate and its small size is also a plus that occupies tiny space. With its reaction chamber and control cabinet located apart, it's a lot easier to operate and have it fixed.



AquaBest Model PEW Ultraviolet Treatment Unit

PAW & PEW Series SPECIFICATIONS

Model#	PAW 50	PAW 75	PAW 100	PAW 125	PAW 150	PAW 175	PAW 200	PAW 225	PAW 250
Model#	PEW 50	PEW 75	PEW 100	PEW 125	PEW 150	PEW 175	PEW 200	PEW 225	PEW 250
Flow rate	50gpm (15m ³ /hr)	75gpm (20m ³ /hr)	100gpm (25m ³ /hr)	125gpm (30m ³ /hr)	150gpm (35m ³ /hr)	175gpm (45m ³ /hr)	200gpm (50m ³ /hr)	225gpm (55m ³ /hr)	250gpm (60m ³ /hr)
Inlet/Outlet Port	1-1/2" R.F. Flange	2" R.F. Flange	3" R.F. Flange	3" R.F. Flange	3" R.F. Flange	4" R.F. Flange	4" R.F. Flange	4" R.F. Flange	4" R.F. Flange
Cabinet Housing Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Treatment Chamber Material	304/316L S.S	304/316L S.S	304/316L S.S	304/316L S.S	304/316L S.S	304/316L S.S	304/316L S.S	304/316L S.S	304/316L S.S
Dimension LxWxH:Inches(cm)	35.8 x 10 x 14.6 (91 x 25 x 37)	35.8 x 10 x 14.6 (91 x 25 x 37)	35.8 x 12.6 x 15.7 (91 x 32 x 41)	35.8 x 12.6 x 15.7 (91 x 32 x 41)	35.8 x 12.6 x 15.7 (91 x 32 x 41)	35.8 x 12.6 x 15.7 (91 x 32 x 41)	35.8 x 12.6 x 15.7 (91 x 32 x 41)	35.8 x 12.6 x 15.7 (91 x 32 x 41)	35.8 x 12.6 x 15.7 (91 x 32 x 41)
Detachable Air Control Panel LxWxH:Inches(cm)	14.9 x 7.9 x 16.5 (38 x 20 x 42)	14.9 x 7.9 x 16.5 (38 x 20 x 42)	18.1 x 7.9 x 22.8 (46 x 20 x 58)	18.1 x 7.9 x 22.8 (46 x 20 x 58)	18.1 x 7.9 x 22.8 (46 x 20 x 58)	21.6 x 7.9 x 27.2 (55 x 20 x 69)	21.6 x 7.9 x 27.2 (55 x 20 x 69)	21.6 x 7.9 x 27.2 (55 x 20 x 69)	21.6 x 7.9 x 27.2 (55 x 20 x 69)
Detachable Electric Control Panel LxWxH:Inches(cm)	15.5 x 7.9 x 19.6 (39 x 20 x 50)	15.5 x 7.9 x 19.6 (39 x 20 x 50)	18.8 x 7.9 x 23.2 (48 x 20 x 59)	18.8 x 7.9 x 23.2 (48 x 20 x 59)	18.8 x 7.9 x 23.2 (48 x 20 x 59)	23.2 x 7.9 x 27.1 (59 x 20 x 69)	23.2 x 7.9 x 27.1 (59 x 20 x 69)	23.2 x 7.9 x 27.1 (59 x 20 x 69)	23.2 x 7.9 x 27.1 (59 x 20 x 69)
Standard Operating Pressure	120 psig(8.3 bar)								
Lamp part#Watts (Numbers of UV lamps)	THO36LS,87W (2)	THO36LS,87W (3)	THO36LS,87W (4)	THO36LS,87W (5)	THO36LS,87W (6)	THO36LS,87W (7)	THO36LS,87W (8)	THO36LS,87W (9)	THO36LS,87W (10)
Quartz Sleeve Part# (Numbers of Quartz Sleeve)	QS900 (2)	QS900 (3)	QS900 (4)	QS900 (5)	QS900 (6)	QS900 (7)	QS900 (8)	QS900 (9)	QS900 (10)
Power Consumption(Watts)	174	261	348	435	522	609	696	783	870
Electronic Ballast Part# (Number of Ballast) Input Voltage:110-240V 50/60Hz	ABE80087 (2)	ABE80087 (3)	ABE80087 (4)	ABE80087 (5)	ABE80087 (6)	ABE80087 (7)	ABE80087 (8)	ABE80087 (9)	ABE80087 (10)

- ◆ Flow Rate Stated at 30mJ/cm² based on 95% UVT EOL(End of Lamp Life) 、 Standard Operating Pressure: 120 psig(8.3 bar)
- ◆ Optional: Temperature Safety Control, S-254 Optical UV Sensor 、 4-20 mA Output Signal
- ◆ Operating Parameters: Ambient Water Temperature: 2-40°C(36-104°F)、 Iron:<0.3ppm(0.3mg/L)、 Turbidity:<1NTU UV Transmittance:≥75%



AQUA BEST[®] ASUB

ULTRAVIOLET DISINFECTION SYSTEM




AQUA BEST[®] ASUB SPECIFICATIONS

Model#	ASUB-14LS	ASUB-17LS	ASUB-25LS	ASUB-37LS	ASUB-39LS	ASUB-36LS	ASUB-45LS	ASUB-65LS	ASUB-80LS	ASUB-100LS
Inster Length	331mm	370mm	535mm	845mm	900mm	452mm	542mm	732mm	872mm	1082mm
Lamp part#/Watts	E287LS 14W	E330LS 17W	E463LS 25W	EB10LS 37W	E36LS 39W	T321LS 36W	T411LS 45W	T601LS 65W	T741LS 80W	T951LS 100W
Quatz Sleeve Part#	QS331	QS370	QS535	QS845	QS900	QS452	QS542	QS732	QS872	QS1082
Ballast Model#	DCW-0640B ; 100V-250V /50-60Hz					ABE80065 ; 100V-250V /50-60Hz				

Control:

- Audible Alarm
- Lamp Operation Indicators
- Model#DCW-0640B, 9.5cm×5.5cm×8cm(3.7"×2.2"×3.2")
- Max.Current/Voltage:0.39A.,100V.-250V./50-60Hz
- UL & CE Certification
- + 4-log(99.99%)Reduction in Bacteria, Viruses and Protozoan Cysts
- + UV Lamp Rated Life 10000 Hours
- + Installation:Vertical or Horizontal

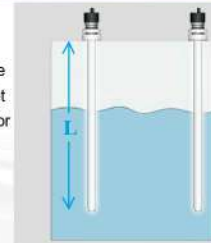
Operating Parameters:

- + Ambient Water Temperature:2-40°C(36-104°F)
- + Iron:<0.3ppm(0.3mg/L)
- + Turbidity:<1NTU
- + UV Transmittance:>75%

Installation&Maintenance

ASUB series sterilizer units are designed for use in liquid storage tanks as shown. The electrical enclosure should be protected from moisture and the quartz sleeve assembly is not recommended to be used in a submerged application over 5psi. Lamp and quartz sleeve should be periodically cleaned to maintain high transmission of ultraviolet rays. Stubborn stains, which can't be removed with alcohol or a detergent, usually can be removed with a dilute hydrochloric acid.

ASUB series Liquid tank storage sterilizers are versatile ultraviolet germicidal disinfection fixtures for liquid storage tanks



Lamp Made In USA



Worldwide Patent Number: 7,604,505

ASUB series ultraviolet liquid tank storage sterilizer attaches to existing liquid storage tanks to provide sanitary Storage and disinfection for air above the liquid and for the liquid contents

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.



AQUA BEST TECHNOLOGY LIMITED. is a manufacturing and distribution company that specializes in products for the water treatment, conditioning and purification industry. It's national China network of distributors and water quality specialists that supply the residential, industrial, institutional and municipal markets. The company's Office and factory is located in ShangHai, China. Its other agent and warehouse locations are BeiJing , China. Now we have other partner in other country. As the supplier, we believe that sincerity and enthusiasm is the central to the success.

As the manufacture, AQUA BEST TECHNOLOGY LIMITED provide innovative, flexible and custom uv system to partner. The AQUA BEST TECHNOLOGY LIMITED we believes that understanding our customer's demands, requires focus and dedication. We also believe that in this era of innovation, technology and speed, there is no substitute for great people and personal service. Of course, we also offer the component of water treatment, the uv lamp, quartz sleeve, stainless steel reactors, ballasts controller. At present, the Aquabest have more than 10 years and it is easy to install. The life cycle is more than 1 year. We have a specialized private-label manufacturer of UV systems .We also have an excellent production team. In order to fit the requirements of customers, we continue to innovation. Also we have the department for quality control. We offer the OEM service:

- ▶ *You give us the drawing, we will offer you the specific product.*
- ▶ *As the partner, the brand label and packing can be serviced as gift.*
- ▶ *What is your target what are our standard.*



AQUA BEST[®]
ULTRAVIOLET DISINFECTION SYSTEM



AQUA BEST TECHNOLOGY LIMITED

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