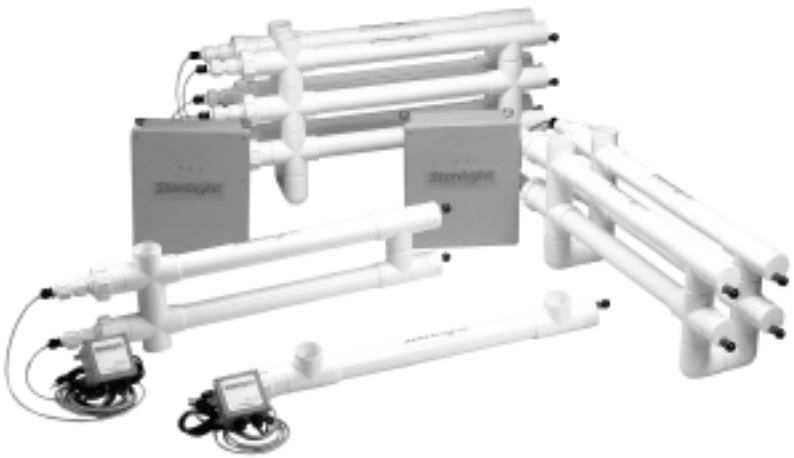
PVC DISINFECTION SYSTEMS

model
SSW-1, SSWW-1, SSW-2, SSWW-2, SSW-4, SSWW-4, SSW-6, SSWW-6

The Sterilight PVC disinfection systems are designed specifically for the harsh environment of extremely high TDS waters such as seawater. These systems can be used for primary disinfection on seawater RO intakes or for a variety of fresh or saltwater aquaculture applications including fish farms, aquariums, koi ponds, ornamental ponds and waterfalls or any other marine application.

These systems provide microbiological protection while maintaining structural vessel integrity. The inclusion of Sterilight's new electronic "ICE" ballast offers reduced heat build-up and application flexibility. These systems are fully watertight allowing for indoor or outdoor installation. A visual alarm feature indicates lamp failure. Optional wiper systems are available to provide easy maintenance.



NOT INTENDED FOR USE IN DRINKING WATER APPLICATIONS WITHOUT ADDITIONAL TREATMENT

In addition to bacteria (***E. coli***), virus, algae, mould and others, Sterilight UV systems are effective against protozoa such as ***Cryptosporidium*** and ***Giardia lamblia***. UV effectively DESTROYS these **protozoan cysts** at dosage levels well within the levels delivered by all Sterilight ultraviolet disinfection systems.

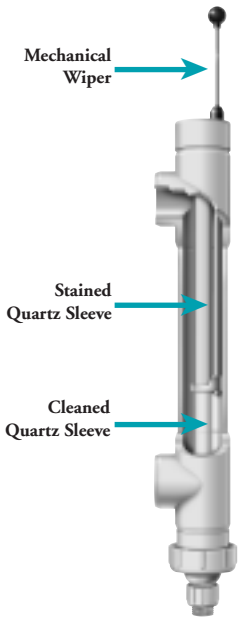
- flow rates of 30 L/min (8 gpm), 60 L/min (16 gpm), 121 L/min (32 gpm) or 181 L/min (48 gpm)
- electronic "ICE" ballasts featuring open loop current control (patent), visual alarm and power-on indicator
- UV viewing port
- ***Sterilume™-EX*** UV lamps, these hard glass, 254nm ultraviolet lamps feature an advanced proprietary lamp coating allowing for consistent UV output over the life of the lamp coupled with uniform temperature distribution. The result is that Sterilume™-EX lamps provide the required output over the entire 9000 hour lamp life.
- quick-lock moulded lamp connector
- NEMA 4X rated (and modified), waterproof enclosure for indoor/outdoor applications
- easy servicing – no need to disconnect water flow to change UV lamp
- 99.99% destruction of bacteria, virus and protozoan cysts (*Cryptosporidium* and *Giardia lamblia*) at rated flow
- natures way to protect your water without the addition of harmful chemicals
- destroys bacteria protozoan cysts (*Cryptosporidium* and *Giardia lamblia*) and controls fish disease
- seven year warranty on reactor chamber for unparalleled protection

ensuring the safety of your water

model SSW-1, SSWW-1, SSW-2, SSWW-2, SSW-4, SSWW-4, SSW-6, SSWW-6

SPECIFICATIONS	SSW-1	SSW-2	SSW-4	SSW-6
Flow Rate (Dose Dependent)	30 L/min (8 gpm)	60 L/min (16 gpm)	121 L/min (32 gpm)	181 L/min (48 gpm)
Number of Lamps	1	2	4	6
Quartz Sleeve Wipers	order SSWW-1	order SSWW-2	order SSWW-4	order SSWW-6
Length	97 cm (38")	97 cm (38")	97 cm (38")	97 cm (38")
Width	9 cm (3 1/2")	10 cm (3 1/2")	22 cm (8.5")	22 cm (8.5")
Height	10 cm	27 cm (10.5")	37 cm (14.5")	50 cm (19.75")
Shipping Weight	2.7 kg (6 lbs.)	5 kg (11 lbs.)	15 kg (33 lbs.)	19.5 kg (43 lbs.)
Voltage	100-130V./50-60Hz.[1]	100-130V./50-60Hz.[1]	100-130V./50-60Hz.[1]	100-130V./50-60Hz.[1]
Power Consumption (watts)	42 W	84 W	168 W	252 W
Total Lamp Watts	39 W	78 W	156 W	234 W
Maximum Operating Pressure	3.44 bar (50 psi)	3.44 bar (50 psi)	3.44 bar (50 psi)	3.44 bar (50 psi)
Ambient Temperature	2-40°C (36-104°F)	2-40°C (36-104°F)	2-40°C (36-104°F)	2-40°C (36-104°F)
Quartz Sleeve	Yes (1)	Yes (2)	Yes (4)	Yes (6)
Inlet/Outlet Port Size	2" SLIP	2" SLIP	2" SLIP	2" SLIP
Viewing Port	Yes	Yes	Yes	Yes
LED "Lamp-On" Indicators	Yes	Yes	Yes	Yes
Watertight Operation	Yes	Yes	Yes	Yes
Reactor Chamber Material	PVC (UV protected)	PVC (UV protected)	PVC (UV protected)	PVC (UV protected)

1. 200-250V./50-60Hz. available on request (add "/2" to model # (eg.SSW-1/2))



Replacement Parts

- **S36RL** - UV lamp for all PVC systems
- **QS-SSW** - quartz sleeve for all PVC systems
- **OR-SSW** - quartz sleeve o-ring
- **410261** - chamber knuckle o-ring
- **410263** - chamber knuckle
- **410262** - quartz sleeve nut
- **BA-SSW1** - 100-130V./50-60Hz, SSW1 & SSWW1 replacement ballast
- **BA-SSW1/2** - 200-250V./50-60Hz, SSW1/2 & SSWW1/2 replacement ballast
- **BA-SSW2** - 100-130V./50-60Hz, SSW2 & SSWW2 replacement ballast
- **BA-SSW2/2** - 200-250V./50-60Hz, SSW2/2 & SSWW2/2 replacement ballast
- **BA-E36122** - 100-250V./50-60Hz, SSW4, SSW4/2, SSW6, SSW6/2, SSWW4, SSWW4/2, SSWW6, and SSWW6/2 replacement ballast

Warranty
Sterilight PVC disinfection systems carry a seven year warranty on the PVC reactor chamber, a one year warranty on all other components.

"Note: Systems can be installed in parallel to achieve higher flow rates".

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Water Quality Association MEMBER

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