

ULTRAVIOLET STERILIZERS

Microbiological Inactivation!

Ultraviolet disinfection systems are fast becoming the choice treatment in drinking water, process & wastewater applications all over the world in the industrial, commercial and residential markets. UV systems offer several advantages over other conventional methods of disinfection.



STERILIGHT UV SYSTEMS

MODEL→	UNIT	S12Q	S12Q GOLD	S24Q	S24Q GOLD	SUV 24PM	S40Q	SUV 40PM	SUV 65PM	SUV 100PM
Flow Capacity	GPM	12	12	24	24	24	40	40	65	100
Dimensions (Inch)	L	37"	37"	37"	37"	38"	38"	38"	38"	38"
	W	7"	7"	7"	7"	6"	9"	8"	10"	10"
	H	8"	8"	9.5"	9.5"	9"	12"	11"	13"	13"
Power Consumption	Watts	42	42	95	95	100	190	195	285	375
Lamp Watts	Watts	39	39	78	78	78	156	156	234	312
Max Oper. Pressure	psi	125	125	125	125	125	125	125	125	125
Ambient Temp.	°C	2 - 40	2 - 40	2 - 40	2 - 40	2 - 40	2 - 40	2 - 40	2 - 40	2 - 40
No. of Lamps/Sleeves		1	1	2	2	2	4	4	6	8
Inlet/Outlet Port Size		1" MNPT	1" MNPT	1" MNPT	1" MNPT	1" MNPT	1.5" MNPT	1.5" MNPT	2" MNPT	2" MNPT
Lamp Failure System	Visual	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Audible	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
254nm UV Monitor		No	Yes	No	Yes	Yes	No	Yes	Yes	Yes
Remote Alarm Output		No	No*	No	No*	No	No	Yes	Yes	Yes
Drain Plug	Inch	1/8"	1/8"	1/8"	1/8"	1/8"	3/8"	3/8"	1/2"	1/2"
Hour Meter		No	No*	NO	No*	Yes	No	Yes	Yes	Yes
Reactor Chamber Material		SS304	SS304	SS316L	SS316L	SS316L	SS316L	SS316L	SS316L	SS316L
Control Panel		Aluminum	Aluminum	Aluminum	Aluminum	SS304	SS304	SS304	SS304	SS304
Shipping Weight	Kg	10.5	10.5	10.5	10.9	23.6	23.1	36.3	55.8	56.2

Application Instruction

The following feed water quality conditions must be met before installing Sterilight UV systems.

- Total Iron : < 0.3 ppm
- Hydrogen Sulfide : < 0.05 ppm
- Suspended Solids : < 10.0 ppm
- Manganese : < 0.05 ppm
- Hardness : < 7 grains per gallon.