



Specifications

Model	SLC200	SLC250	SLC300	SLC350	SLC400	SLC500	SLC600
Flow Rates @ 30mJ/cm2	200gpm (45m3/hr)	250gpm (57m3/hr)	300gpm (68m3/hr)	350gpm (80m3/hr)	400gpm (91m3/hr)	500gpm (115m3/hr)	600gpm (136m3/hr)
Flow Rates @ 40mJ/cm2	150gpm (34m3/hr)	188gpm (43m3/hr)	225gpm (51m3/hr)	263gpm (60m3/hr)	300gpm (68m3/hr)	375gpm (85m3/hr)	450gpm (102m3/hr)
Inlet / Outlet	4"	4"	4"	4"	6"	6"	6"
Reaction Chamber Dimensions	173*27.5*69cm (68.1*10.8*27.2 in.)	173*27.5*69cm (68.1*10.8*27.2 in.)	173*27.5*69cm (68.1*10.8*27.2 in.)	173*27.5*69cm (68.1*10.8*27.2 in.)	173*27.5*69cm (68.1*10.8*27.2 in.)	173*27.5*69cm (68.1*10.8*27.2 in.)	173*33*69cm(68.1*13*27.2 in.)
Ultraviolet Lamp	Part# GHO64T5L/4-LT, 155 Watts, 800mA, 254nm						
Quartz Sleeve	Part# QS1575-BO, 1575mm, Both Sides Open						
Ballasts	Part# GDB800155L2, 110V.-240V./50-60Hz						
Number of Lamp/ Sleeve/Ballasts	4	5	6	7	8	10	12
Timer Monitor	Lamp Operating Hours Monitor, Part No. GDT-9000						
Features	Lamp Operating Indicator, Audible Lamp Failure, Lamp Operating Hours up to 9000hr, Total Running Days, Dry Contact						
Sensor	Optional, Part No. GDS254NM20-V						

► Flow Rates Stated at 95% UV Transmittance of End of Lamp Life, 20°C



The ultraviolet (UV-C rays, 253.7nm) water disinfection treatment is an extremely rapid physical process, reliable, economical and chemical-free, highly effective method to remove the threat of microbiological contaminants from water.

Ultraviolet light treatment is a widely recognized and proven method of disinfection of water, does not add anything to the water, nor does it generate harmful byproducts. It adds only energy in the form of ultraviolet radiation. It is fast, efficient, effective, economical and environmentally-friendly.

Models SLC200 - SLC600 flow rates 200gpm (45m3/hr.) up to 600gpm (136m3/hr.) for commercial, community, Institutional and industrial applications

General

- SS304 Construction Material (SS316 as Request)
- 4-Log (99.99%) Reduction in Bacteria, Viruses and Protozoan Cysts
- Horizontal Installation

Parameters

- Max. Operating Pressure 125psi (8.62 bars)
- Ambient Water Temperature 2-40°C (36-104°F)
- Iron < 0.3 ppm (0.3mg/L)
- Hardness < 7 gpg (120 mg/L)
- Manganese < 0.05 ppm (0.05 mg/L)
- Turbidity < 1NTU
- Tannins < 0.1 ppm (0.3 mg/L)
- UV Transmittance >75%

