

HIGH OUTPUT - STAINLESS STEEL SERIES UV STERILIZERS

High Output Stainless Steel (HO-SS) Series UV sterilizers are economical and compact units designed for light commercial applications including research systems, aquatic life support, ponds and water features. Simple to install and service.

- HO-SS Series utilize 80W high output low pressure lamps housed in a high quality polished & passivated 304 stainless steel vessel (standard)
- Vertical self-supporting upright design for simple installation and small footprint
- 1 to 5 lamp configuration – wide range of performance
- Microprocessor based control system
- 1 & 2 lamp units standard with UL listed plug-in ballasts. Controller upgrades available



OPTIONS

- U-TYPE Inlet/Outlet configuration
- Manual Quartz Sleeve Wiping System
- UV Intensity Sensor
- 316L stainless steel vessel material upgrade

UV MODEL	NUMBER OF LAMPS	NOMINAL TOTAL LAMP WATTAGE	VESSEL MATERIAL	VESSEL TYPE	FLOW RATE AT 90%UVT (US GPM)		INLET / OUTLET (Inches)	UV VESSEL LENGTH (Inches)	CONTROLLER OPTIONS
					UV-C DOSE 30 mJ/cm ²	UV-C DOSE 180 mJ/cm ²			
80/1	1 / 80W	80	304	Z-TYPE	29	5	1.5" NPT	36"	AL OR LCD
80/2	2 / 80W	160	304	Z-TYPE	56	9	1.5" NPT	36"	AL OR LCD
80/3	3 / 80W	240	304	Z-TYPE	98	16	2" NPT	35"	LCD
80/4	4 / 80W	320	304	Z-TYPE	140	23	3" NPT	40"	LCD
80/5	5 / 80W	400	304	Z-TYPE	171	29	3" NPT	40"	LCD

NOTES: UV sizing based on End of Lamp Life (EOL) after 9000 hours, 20°C, US EPA UVDGM Point Source Summation calculation approach, 1000 segments sources for each lamp

*** Contact IAS for Free System Design Assistance ***