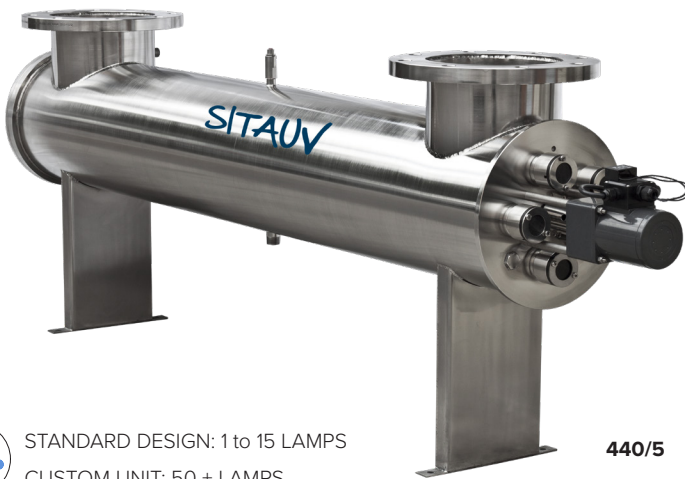


The 440 Series UV Sterilizer is one of the most powerful low pressure UV Sterilizers on the market. With its high power 440W amalgam lamps, this UV can handle large flow rates with fewer lamps than others on the market. With a standard range from 1 to 15 lamp models, flows can range from 200 gpm all the way up to 8,890 gpm. Standard vessel in 316L Stainless Steel in “U” shaped configuration with built-in support legs for ease of installation and plumbing.



AUTOMATIC CLEANING SYSTEM



440/5



STANDARD DESIGN: 1 to 15 LAMPS
CUSTOM UNIT: 50 + LAMPS

OPTIONS

- L-Type Vessel Configuration
- Different sized ANSI flange connections
- Onboard UVT sensor
- Quartz Sleeve Wiping Systems - Manual or Automatic
- Lamp dimming (Flow or Dose Pacing – with Flowmeter)
- Larger custom units available with up to 50 lamps



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/cm2	UV-C DOSE 180 mJ/cm2			
440/1	1	440	316	L-Type	203	34	3" ANSI FLANGE	71"	ECOLINE or ST
440/2	2	880	316	L-Type	446	75	4" ANSI FLANGE	71"	ECOLINE or ST
440/3	3	1320	316	L-Type	632	106	6" ANSI FLANGE	71"	ECOLINE or ST
440/4	4	1760	316	L-Type	985	165	8" ANSI FLANGE	71"	ECOLINE or ST
440/5	5	2200	316	L-Type	1189	199	8" ANSI FLANGE	71"	ST
440/6	6	2640	316	L-Type	1540	257	10" ANSI FLANGE	71"	ST
440/8	8	3520	316	L-Type	2112	353	10" ANSI FLANGE	71"	ST
440/10	10	4400	316	L-Type	2731	456	12" ANSI FLANGE	71"	ST
440/12	12	5280	316	L-Type	3266	546	14" ANSI FLANGE	71"	ST
440/15	15	6600	316	L-Type	3935	658	16" ANSI FLANGE	71"	ST
440/18	18	7920	316	L-Type	5149	860	20" ANSI FLANGE	87"	ST
440/22	22	9680	316	L-Type	6211	1038	20" ANSI FLANGE	87"	ST
440/28	28	12320	316	L-Type	8891	1486	24" ANSI FLANGE	87"	ST

NOTES: UV sizing based on End of Lamp Life (EOL) after 16,000 hours, 20°C, US EPA UVDGM Point Source Summation calculation approach, 1000 segments sources for each lamp

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