

AM SERIES UV STERILIZERS

Amalgam (AM) Series Stainless Steel UV units utilize powerful 200W low pressure amalgam lamps to produce highest UV dose in a small footprint. With few lamps and short length, this is the ideal UV for flows from 100 to 500 GPM. Standard “L” Shaped configuration offers flexibility for installation, allowing for either vertical or horizontal mounting.



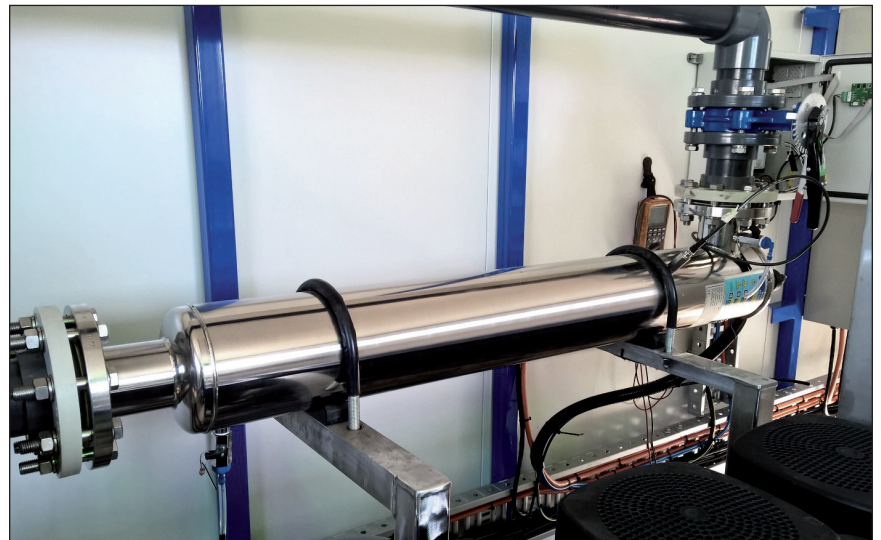
IP65 PROTECTION



- Standard “L” Shape configuration for vertical or horizontal mounting
- High-Output Low-Pressure Amalgam Lamps, rated up to 14,000 hours
- Standard ANSI 316L stainless steel vessel construction
- Pressure rated to 145 PSI

OPTIONS

- Vertical floor mount configuration U-Type or Z-Type Inlet/Outlet
- Manual or Automatic Quartz Sleeve Wiping Systems
- Onboard UVT Sensor



AM SERIES

UV VESSELS

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			
AM 24	1 / 200W	200	316	L-TYPE	96	16	2" ANSI FLANGE	51"	LCD
AM 50	2 / 200W	400	316	L-TYPE	188	31	3" ANSI FLANGE	54"	LCD
AM 60	2 / 200W	400	316	L-TYPE	214	36	3" ANSI FLANGE	54"	LCD
AM 96	3 / 200W	600	316	L-TYPE	326	54	4" ANSI FLANGE	55"	LCD OR ST
AM 125	4 / 200W	800	316	L-TYPE	427	71	4" ANSI FLANGE	55"	LCD OR ST
AM 160	4 / 200W	800	316	L-TYPE	492	82	4" ANSI FLANGE	56"	LCD OR ST

NOTES: UV sizing based on End of Lamp Life (EOL) after 14,000 hours, 20°C, US EPA UVDGM Point Source Summation calculation approach, 1000 segments sources for each lamp

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