

UV Water Systems

Amalgam High Output

Features

- Models listed are 120Vac - 50/60Hz-1Phase
- 304 L Stainless Steel Wetted Parts
- Removable Machined End Plates - Both Ends
- Elapsed Running Time Meter
- UV Sight Port
- Flange Inlet & Outlet
- Nema 4 Type 304 SS Powder Coated
- Electrical Control Box - Standard Colors
- Available - Black, White, Blue, Tan & Gray
- Individual UV Lamp Operational Status Board with:
 - LED Status
 - 365 Day Counter
 - 30 Days Remaining
 - Lamp Out Alarms
 - Solenoid Valve Contacts
 - Alarm Contacts
- Electrical Control Box Cooling Fan (4 Lamp Units & Above)
- Power On / Off Switch
- Power On / Off Indicator Light
- Drain Port



Individual UV Lamp Operational Status Board with Advanced Features

Specifications

Model #	No. Lamps	KW@ 120V	AMP@ 120V	Pipe Size	Overall Dimensions LxWxD	Wetted Material	Shipping Weight
AL-45	1	0.16	1.0	2" FLANGE	36"x10"x10"	304 SS	75 Lbs.
AL-95	2	0.33	2.0	2" FLANGE	36"x10"x10"	304 SS	80 Lbs.
AL-140	3	0.49	3.0	3" FLANGE	36"x10"x10"	304 SS	85 Lbs.
AL-190	3	0.49	3.0	3" FLANGE	36"x15"x25"	304 SS	90 Lbs.
AL-250	4	0.66	4.0	4" FLANGE	36"x15"x25"	304 SS	95 Lbs.
AL-320	5	0.83	5.0	4" FLANGE	36"x16"x25"	304 SS	100 Lbs.
AL-400	5	0.83	5.0	4" FLANGE	36"x16"x26"	304 SS	105 Lbs.
AL-480	6	0.97	6.0	4" FLANGE	36"x16"x26"	304 SS	110 Lbs.
AL-580	6	0.97	6.0	4" FLANGE	36"x17"x27"	304 SS	115 Lbs.
AL-685	7	1.1	7.0	4" FLANGE	36"x17"x28"	304 SS	125 Lbs.
AL-785	8	1.3	8.0	4" FLANGE	36"x17"x28"	304 SS	130 Lbs.
AL-880	9	1.4	9.0	6" FLANGE	36"x17"x28"	304 SS	135 Lbs.
AL-1000	9	1.4	9.0	6" FLANGE	36"x19"x28"	304 SS	140 Lbs.
AL-1250	10	1.6	10.0	6" FLANGE	36"x18"x29"	304 SS	150 Lbs.

ORDER #	*40 K DOSE	*30 K DOSE	*40 K DOSE	*30 K DOSE	*90 K DOSE	*180 K DOSE	*300 K DOSE
PP-AL-45	34	45	38	50	15	8	5
PP-AL-95	71	95	88	118	32	16	10
PP-AL-140	105	140	113	150	47	23	14
PP-AL-190	143	190	150	200	63	32	19
PP-AL-250	188	250	195	260	83	42	25
PP-AL-320	240	320	251	335	107	53	32
PP-AL-400	300	400	311	415	133	67	40
PP-AL-480	360	480	368	490	160	80	48
PP-AL-580	435	580	443	590	193	97	58
PP-AL-685	514	685	518	690	228	114	68
PP-AL-785	589	785	593	790	262	131	78
PP-AL-880	660	880	668	890	293	147	88
PP-AL-1000	750	1000	788	1050	333	167	100
PP-AL-1250	935	1250	950	1280	417	208	125

* Flow GPM = Clear Fresh Water. * Flow GPM = High Purity DI/RO Water. * Flow GPM = Ozone Destruction. * Flow GPM = TOC Reduction.

Note:

- All UV Models Rated for Clear Fresh Water Disinfection Applications.
- Germicidal Reduction at 254nm UV lamps.
- All dose is calculated at EOL (end of lamp life) at 15 months/12,000 hours use.

Options

- 316 L Stainless steel wetted parts - call for price
- Sanitary Tri-Clamp fittings - call for price
- 1/4" FPT inlet/outlet sample ports
- 304 SS #4 brush finish on Nema 4 type electrical box
- High water temperature option net adder lamp up to 150° F
- High water temperature option net adder - lamp up to 180° F
- Inlet/Outlet sample ports
- 254m - uv intensity monitor
- Therm - thermistor overheat safety control
- UV light traps - call for price
- Crating for shipment



Electrical Control Box Standard Colors Available: Black, White, Blue, Tan & Gray



254M - UV Intensity Monitor - UV dosage metering device. This optional true UV Monitor reads only the 254-nm intensity output of the ultraviolet light within the UV treatment chamber.

