

TrojanUVLogic Series

The TrojanUVLogic Series is engineered to meet and exceed the diverse needs of many industry sectors. Each unit incorporates the latest amalgam lamp technology available, allowing the unit to produce a significantly higher amount of UV lamp output compared to other low pressure designs. Other benefits of amalgam lamp technology include stable lamp output from 5-40 °C water temperatures, fewer UV lamps, smaller foot print, vertical or horizontal installation, lower power consumption and ease of maintenance.

Specifications:

Model: TrojanUVLogic	02AS20	03AS20	04AS20	03AL20	06AS20	04AL20	08AS20	08AL20	06AL30	08AL30	12AL30
MAX. OPERATING PRESSURE PSIG (BAR)	150 (10)										
MAX. OPERATING TEMPERATURE °F (°C)	Water: 41° - 104° (5° - 40°) Ambient Air 34° - 104° (1° - 40°)										
NUMBER OF LAMPS	2	3	4	3	6	4	8	8	6	8	12
ELECTRICAL SUPPLY	208-240V/50Hz or 60Hz, SINGLE PHASE										
OPERATING POWER (VA)	346	534	692	849	1007	1113	1323	2165	1639	2169	3218
INLET/OUTLET SIZE INCHES (MM)	4 (100)	4 (100)	6 (150)	6 (150)	6 (150)	6 (150)	6 (150)	6 (150)	10 (250)	10 (250)	10 (250)
HOT WATER SANIT. WITH SENSOR °F (°C)	185° (85°)										
FLOW RATE DISINFECTION (@95% UVT) GPM (M ³ /HR)*	230 (52)	350 (80)	480 (110)	560 (130)	695 (160)	780 (177)	875 (200)	1040† (236)	1750 (400)	2270 (516)	2765 (628)
FLOW RATE DISINFECTION (@99% UVT) GPM (M ³ /HR)*	290 (66)	430 (97)	585 (133)	690 (156)	835 (189)	935 (212)	1010 (229)	1040†† (236)	2275 (517)	2800*** (636)	2800† (636)
FLOW RATE OZONE DESTRUCT (@99% UVT) GPM (M ³ /HR)**	100 (23)	145 (32)	195 (44)	235 (53)	280 (63)	320 (72)	345 (78)	555 (126)	760 (173)	990 (225)	1240 (282)

* Disinfection Dose Level: 30 mJ/cm² after 9,000 hours of operation.

** Ozone Destruction Dose Level: 90 mJ/cm² after 9,000 hours of operation (up to 1.0 ppm of ozone).

*** Disinfection Dose Level: 32 mJ/cm² after 9,000 hours of operation.

† Disinfection Dose Level: 39 mJ/cm² after 9,000 hours of operation.

†† Disinfection Dose Level: 47 mJ/cm² after 9,000 hours of operation.

NOTE: Flow rates are restricted due to maximum I/O velocities.

All specifications are subject to change without notice.

For additional requirements, please contact Aquafine Corporation.



TrojanUVLogic

Features:

- UL TYPE-3R 304 Stainless Steel Control Cabinet
- 316L Stainless Steel Treatment Chamber
- Viton Gaskets & O-rings
- 9,000 Hour Single-Ended (SE) Amalgam Lamps
- Microprocessor-Based Controller
- HAND/OFF/AUTO (HOA)
- Lamp Status Indicator
- Lamp Out Alert (LOA)
- Temperature Safety Control
- UV Intensity Meter with 4-20mA Interface
- 150psig (10barg) Standard Operating Pressure
- All Models are NSF 50, CE and cULus Listed

Options:

- Manual or Automatic Quartz Sleeve Cleaning (02AS20 is available with manual wiper only)
- Inlet/Outlet Flange (DIN)
- Sanitary Fittings
- Vertical or Horizontal Mounting
- 120 VAC Operating Power
- Other I/O Sizes Available with Other Flow Rates



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