

DISINFECTION 09/21

AQUA PRO AISI316

Low-pressure UV system designed for effective water disinfection. Constructed with SS316 material for resistance to corrosion and UV degradation, it ensures long-term performance in harsh environments. Ideal for low-pressure applications in residential and commercial water disinfection systems.



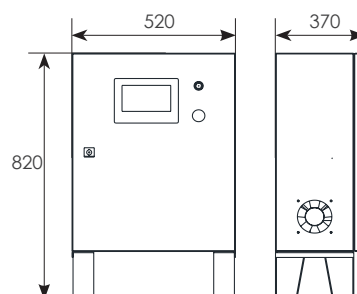
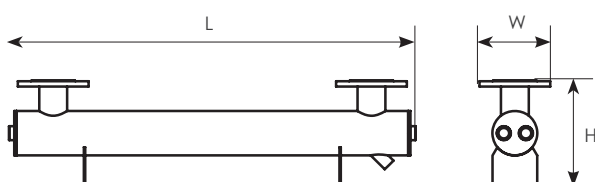
✓ Technical features

- Patented ballast technology for specially designed preheat type lamps to avoid burning of lamp tubes.
- DN standard flange connections, Every UV cavity is subjected to hydrostatic pressure testing of 7-15 bar to ensure the structural integrity.
- Aquapro AISI UV have the flow rate range from 4 - 394 Cu.m/Hr for 80 - 2560 watts of UV capacity with Quartz glass transmittance of 95%.
- Service life of UV lamps are up to 12000 Hrs and cavity 20 years.
- The UV system supports supply voltages of 220V/50Hz and 380V/60Hz (Optional). It is capable of connecting up to 5 meters of wire between the panel and the UV system, for installation flexibility.
- The system operates at a working pressure of up to 8 bar.
- Analogue lamp life monitor and work status indicators, Acousto-Optic alarm on system fault.
- Energy-efficient operation with low power consumption, reducing carbon footprint and minimizing environmental impact by lowering chemical usage and harmful byproducts.
- Horizontal, vertical, or combined configuration based on space, seismic, and environmental requirements.
- UV intensity monitors or lamp output reading monitors with sensors are available upon request.
- PLC control panel with MODBUS-TCP protocol for BMS communication is available upon request.



PLC CONTROL PANEL

📏 Dimensions



MODEL	FLOW RATE M ³ /H			LAMP WATTS	LAMP QTY	TOTAL POWER	INLET / OUTLET	DIMENTION MM			PACKING	WEIGHT	VOLUME
	30 mj/cm ²	40 mj/cm ²	60 mj/cm ²	W	pc	W	DN	L	W	H		Kg	m ³
AQUAPRO-AISI316-5.5T40W-2U	12	6.6	4	40	2	100	G 1¼	960	101	223	1		
AQUAPRO-AISI316-8.5T40W-3U	18.6	10.5	6.2	40	3	140	G 1½	960	159	299	1		
AQUAPRO-AISI316-10T40W-4U	21.9	12.3	7.3	40	4	180	G 1½	960	159	299	1		
AQUAPRO-AISI316-12T80W-2U	26.3	14.8	8.8	80	2	200	50	960	101	301	1		
AQUAPRO-AISI316-20T80W-3U	43.8	24.6	14.6	80	3	280	65	960	159	349	1		
AQUAPRO-AISI316-25T80W-4U	54.8	30.8	18.3	80	4	360	80	960	159	349	1		
AQUAPRO-AISI316-30T80W-5U	65.7	36.9	21.9	80	5	440	80	960	219	409	1		
AQUAPRO-AISI316-35T80W-6U	76.7	43.1	25.6	80	6	520	100	960	219	409	1		
AQUAPRO-AISI316-40T80W-7U	87.6	49.2	29.2	80	7	600	100	960	219	409	1		
AQUAPRO-AISI316-45T155W-4U	98.6	55.4	32.9	155	4	650	100	1660	159	349	1		
AQUAPRO-AISI316-55T155W-5U	120.5	67.7	40.2	155	5	800	100	1660	219	409	1		
AQUAPRO-AISI316-66T155W-6U	144.5	81.3	48.2	155	6	970	125	1660	219	409	1		
AQUAPRO-AISI316-77T155W-7U	168.6	95	56.2	155	7	1200	125	1660	219	409	1		
AQUAPRO-AISI316-90T320W-4U	197.1	100.9	65.7	320	4	1320	125	1660	219	409	1		
AQUAPRO-AISI316-110T320W-5U	240.9	135.6	80.3	320	5	1650	150	1660	273	463	1		
AQUAPRO-AISI316-130T320W-6U	284.7	160.2	94.9	320	6	2000	150	1660	273	463	1		
AQUAPRO-AISI316-150T320W-7U	328.5	184.8	109.5	320	7	2300	200	1660	325	515	1		
AQUAPRO-AISI316-180T320W-8U	394.2	221.9	131.4	320	8	2650	200	1660	325	515	1		



Your global partner since 1974. Trusted for superior quality and exceptional innovations.



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