

DISINFECTION 09/22

AQUA PRO HDPE

Low-pressure HDPE UV system designed for effective water disinfection. Constructed with durable HDPE 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.



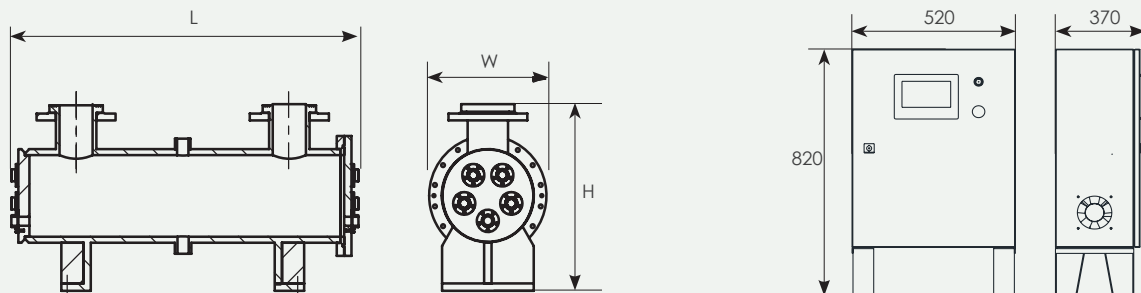
Technical features

- 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 HDPE UV have the flow rate range from 9 - 284 Cu.m/Hr for 160 - 1920 watts of UV capacity with Quartz glass transmittance of 95%.
- Service life of UV lamps are up to 12000 Hrs and cavity 10 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 6 bar. Can work till 60 Deg C of liquid temperature.
- Analogue hour counter for monitoring lamp life and scheduling replacements. Indicator lamps for ON, OFF, and trip status.
- Energy-efficient operation with low power consumption, reducing carbon footprint and minimizing environmental impact by lowering chemical usage and harmful byproducts.
- 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.



DISINFECTION

Dimensions



Models

MODELS	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	kw	NOS	W	DIA	L	W	H		Kg	m ³
AQUAPRO-HDPE-12T80W-2U	26.3	14.8	8.8	80	2	200	75	980	180	400	1		
AQUAPRO-HDPE-20T80W-3U	43.8	24.6	14.6	80	3	280	90	980	195	400	1		
AQUAPRO-HDPE-25T80W-4U	54.8	30.8	32.9	80	4	360	110	980	215	450	1		
AQUAPRO-HDPE-30T80W-5U	65.7	36.9	21.9	80	5	440	110	980	250	500	1		
AQUAPRO-HDPE-35T80W-6U	76.7	43.1	25.6	80	6	520	110	980	250	500	1		
AQUAPRO-HDPE-45T155W-4U	98.6	55.4	32.9	155	4	650	110	1700	215	450	1		
AQUAPRO-HDPE-55T155W-5U	120.5	67.7	40.1	155	5	800	110	1700	250	500	1		
AQUAPRO-HDPE-66T155W-6U	144.5	81.3	48.1	155	6	970	160	1700	280	520	1		
AQUAPRO-HDPE-110T320W-5U	240.9	135.6	80.3	320	5	1650	160	1700	280	520	1		
AQUAPRO-HDPE-130T320W-6U	284.7	160.2	94.9	320	6	2000	160	1700	280	520	1		



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



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