PWT-MPUV

MEDIUM PRESSURE UV DISINFECTION SYSTEM

PENTAIR



FEATURED HIGHLIGHTS:

- Significant reduction of chloramines for improved water quality.
- Medium-pressure UV lamps deliver superior oxidation performance.
- Advanced microprocessor control with integrated data logging.
- Connectivity to building management systems
- Standard automatic wiper system for optimal efficiency.
- Quick and easy lamp replacement for minimal downtime.
- Durable 316L stainless steel reactor vessel for long-lasting reliability.

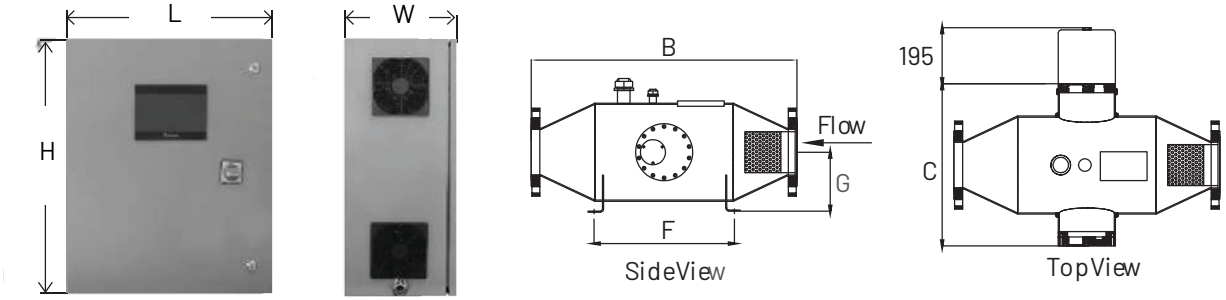
Medium-pressure UV systems not only target harmful microorganisms like Cryptosporidium parvum and Giardia lamblia, which are resistant to standard chlorine levels, but they also play a crucial role in reducing chloramines. Chloramines form when chlorine reacts with organic pollutants in pool water, leading to eye and skin irritation and unpleasant odors. By minimizing chloramine formation, UV treatment improves water quality, enhances swimmer comfort, and creates a safer, more enjoyable swimming environment.

ORDERING INFORMATION

Model	Description	Max. Flow Rate (m^3/hr)*	Lamp Power (kW)	VOLTAGE (VAC)	Dimensions L	W	H	B	C	F	G
PWT-MPUV-1000	Pentair Medium Pressure UV System 1kW	40	1.0		600	300	600	740	422	300	200
PWT-MPUV-1500	Pentair Medium Pressure UV System 1.5kW	60	1.5		600	300	700	740	422	300	200
PWT-MPUV-2000	Pentair Medium Pressure UV System 2.0kW	105	2.0		600	300	700	800	422	400	200
PWT-MPUV-2500	Pentair Medium Pressure UV System 2.5kW	145	2.5	230-240 ~1P	600	300	700	820	585	400	275
MWT-MPUV-3000	Pentair Medium Pressure UV System 3kW	170	3.0	OR	600	300	700	820	585	400	275
MWT-MPUV-4000	Pentair Medium Pressure UV System 4kW	220	4.0 (2x 2.0)	400-415 ~3P	700	300	1100	890	422	450	225
MWT-MPUV-5000	Pentair Medium Pressure UV System 5kW	300	5.0 (2x 2.5)		700	300	1100	890	585	450	275
MWT-MPUV-6000	Pentair Medium Pressure UV System 6kW	355	6.0 (2x 3.0)		700	300	1100	890	585	450	275
MWT-MPUV-7000	Pentair Medium Pressure UV System 7kW	415	7.0 (2x 3.5)		700	300	1100	890	585	450	275

*Maximum flow rate is for 60mJ/CM2 @90% UVT.

DIMENSIONS



PENTAIR POOL