

Ultraviolet Light Disinfection Systems

Technical Specifications

Model #	Max. Flow GPM	No. Lamps/ Lamp Wattage	KW @ 120 V	AMP @ 120 V	Pipe Size	Overall Dimensions	Shipping Wt.
PT 8	8	1 / 24 Watts	0.03	0.25	3/4" MIP	21" x 3.5" x 3.5"	9 Lbs.
PT 12	12	1 / 36 Watts	0.03	0.25	3/4" MIP	32" x 3.5" x 3.5"	18 Lbs.
PT 20	20	1 / 39 Watts	0.03	0.25	1" MIP	35" x 5" x 5"	20 Lbs.

* All models supplied with flow controls @ 30,000uws/cm2

Ultraviolet Disinfection Facts

1. UV is environmentally and user friendly, with no dangerous chemicals to handle or store.
2. UV is very economical, hundreds of gallons may be treated for each penny of operating costs.
3. UV treatment does not change the taste, odor, pH, or the general chemistry of water.
4. UV systems are compatible with all other water treatment equipment; reverse osmosis, filtration, water conditioning, and softening.
5. Simple and easy to maintain with only a periodic cleaning of sleeve and annual lamp replacement.
6. UV systems operate with no moving parts to wear out, which makes UV one of the most effective and durable water treatment methods on the market.

PurTest®

Ultraviolet Light Disinfection

Requires Annual Lamp Change

UV Lamp Advisor

LED Color	+ Sound	Status Indicated
Green	None	OK
Red	None	Replace Lamp Within 30 Days
Flashing Red	Beep / 3 min	Lamp Life Expired-Replace
Pulsing Red	Steady Beep	UV Lamp Out

Automatic UV Lamp Replacement Reminder

UV Hazard

ALWAYS protect eyes from ultraviolet light. NEVER look directly at UV lamps in operation. Unplug before re-lamping or servicing.

WARNING

Risk of electric shock. Can cause injury or death. Disconnect all electric power supplies before servicing.

MODEL	FLOW	uws/cm2 DOSE @EOL
PT 8	15	16,000
	8	30,000
	6	40,000
PT 12	22	16,000
	12	30,000
	9	40,000
PT 20	37	16,000
	20	30,000
	15	40,000

End of lamp life is one year. Lamp is rated for 9000 hours.

Important Note: Pre-filtration equipment may be required if the below contamination levels cannot be maintained. Flow rate must not exceed rated capacity of the unit. Operating pressure should not exceed 100 psi.

Maximum Contaminant Levels Before Ultraviolet Disinfection Unit:	
Turbidity.....5 NTU	Hardness..... 7 gpg
Color.....None	Iron..... 0.3 ppm
Manganese.....0.05 ppm	pH..... 6.5 - 9.5 ppm

Please dispose UV lamps in accordance local and state regulations.

