

## Ultraviolet Light Disinfection Systems

### Technical Specifications

Model #	Max. Flow GPM	No. Lamps	KW @ 120 V	AMP @ 120 V	Pipe Size	Overall Dimensions	Shipping Wt.
	30,000 $\mu$ ws/cm <sup>2</sup>						
PURPG - 8	8	1	0.03	0.25	3/4" MIP	21" x 3.5" x 3.5"	9 Lbs.
PURPG - 12	12	1	0.03	0.25	3/4" MIP	32" x 3.5" x 3.5"	18 Lbs.
PURPG - 20	20	1	0.03	0.25	1" MIP	35" x 5" x 5"	20 Lbs.

# 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.

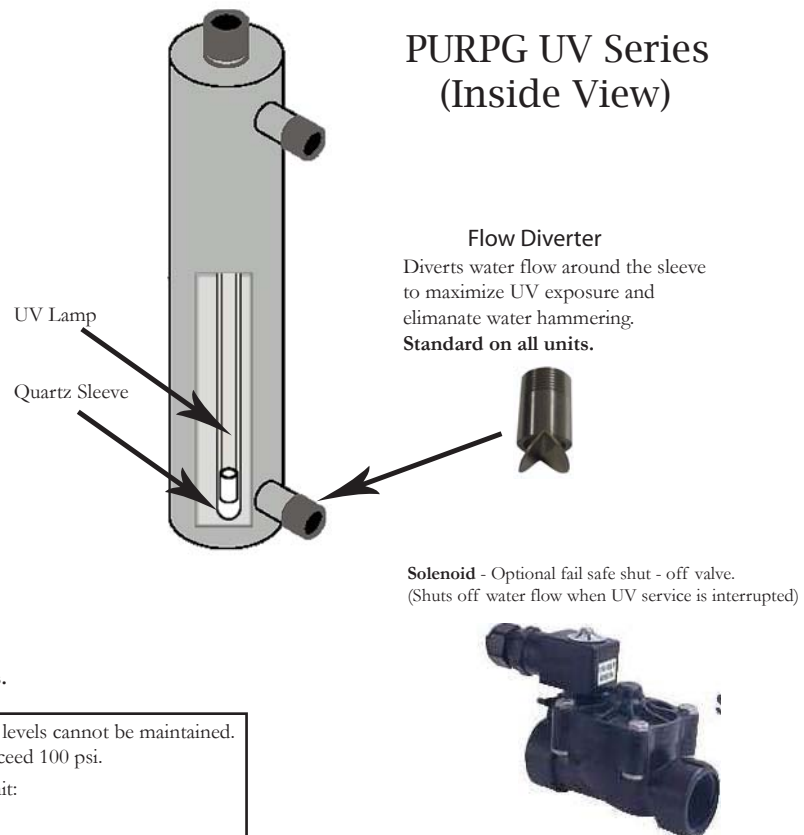
**WARNING**

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

### 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.

### PURPG UV Series (Inside View)



MODEL	FLOW	uws/cm <sup>2</sup> DOSE @EOL
PURPG-8	15	16,000
	8	30,000
	6	40,000
PURPG-12	22	16,000
	12	30,000
	9	40,000
PURPG-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.