

Ensuring the Safety of your Water with Confidence

# **Splenvue**<sup>®</sup> **ELECTRUM** ULTRAVIOLET DISINFECTION SYSTEM

Ultraviolet (UV-C rays /253.7 nm) water disinfection system is a unique and rapid method of water disinfection without the use of heat or chemicals to effectively destroys bacteria, virus, mold & algae. Ultraviolet (UV) light treatment is a widely recognized and proven method of disinfection of water and has several advantages over other disinfection methods such as chlorination, ozonation, etc . UV light does not add anything to the water, such as undesirable color, odor, taste or flavor, nor does it generate harmful byproducts. It adds only energy in the form of ultraviolet radiation. Also, UV disinfection requires only a fraction of the contact times required by other disinfection methods. It is fast, efficient, effective, economical and environmentally-friendly.

Advantages: Effective Economical Safe Fast & Easy Automatic Chemical Free

Applications: Drinking Water Food Processing Medical Industries



▶ Residential Application



# ELECTRUM series SPECIFICATIONS

Model#	S1E	S2E	S5E	S8E	S12E
Flow Rate	2gpm (0.5 m <sup>3</sup> /Hr.)	3gpm (0.7 m <sup>3</sup> /Hr.)	6gpm (1.4 m <sup>3</sup> /Hr.)	10gpm (2.3 m <sup>3</sup> /Hr.)	15gpm (3.4 m <sup>3</sup> /Hr.)
Inlet/Outlet Port	1/4 " MNPT	1/2 " MNPT	1/2 " FNPT with 3/4 " MNPT	3/4 " FNPT with 1 " MNPT	3/4 " FNPT with 1 " MNPT
Dimension	39.5cmX6.5cm (15.6 " X2.5 " )	44cmX6.5cm (17.4 " X2.5 " )	56.7cmX6.5cm (22.3 " X2.5 " )	91cmX6.5cm (35.8 " X2.5 " )	96cmX6.5cm (37.8 " X2.5 " )
Lamp Part# / Watts	E287LS 14W	E330LS 17W	E463LS 25W	E810LS 37W	E36LS 39W
Power Consumption	19W	22W	30W	46W	48W
Quartz Sleeve Part#	EQS287	EQS330	EQS463	EQS810	EQS36

† Flow Rate Stated at 30mJ/cm<sup>2</sup> based on 95% UVT EOL(End of Lamp Life)

### Control :

- Audible Alarm
- Lamp Operation Indicators
- Lamp Life Time-Countdown
- Lamp Replacement Reminder
- Total Running Days
- Reset Timer
- Ballasts#: BAC100-E, 17.6cmX7.4cmX5.3cm  
(6.9"X2.9"X2.1")
- Max.Current/Voltage:0.42A.,100V-250V./50-60Hz
- UL CE Certifications

### Operating Parameters :

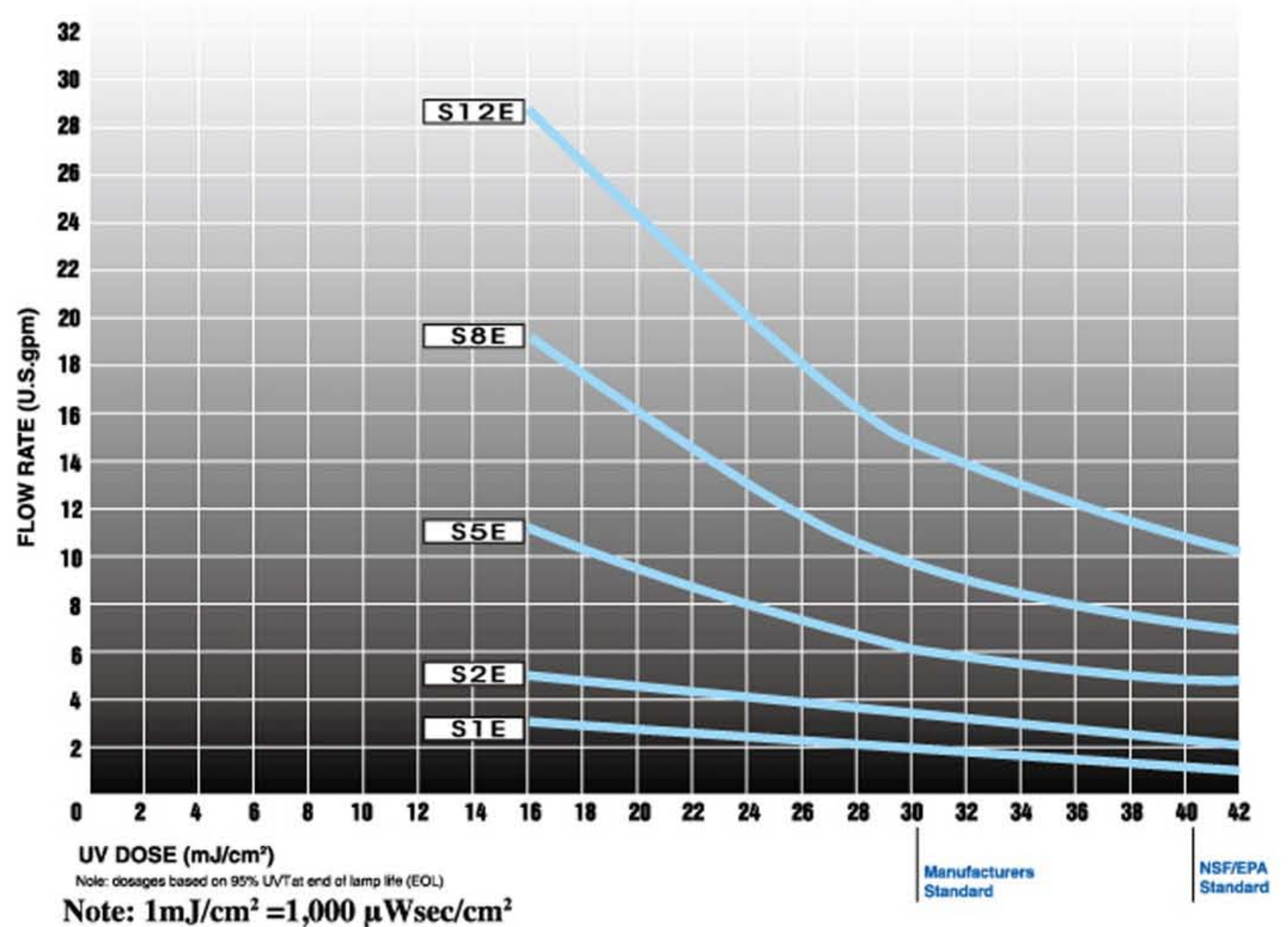
- + Max.Operating Pressure:125psi (8.62bar)
- + Ambient Water Temperature:2-40°C (36-104°F)
- + Iron:<0.3ppm (0.3mg/L)
- + Hardness:<7gpg (120mg/l)
- + Turbidity:<1NTU
- + UV Transmittance:>75%
- + 4-Log (99.99%) Reduction in Bacteria, Viruses and protozoan Cysts
- + UV Lamp Rated Life 10000 Hours
- + Electro-Polished 304SS Reactor Chamber (316SS Available on Request)
- + Installation:Vertical or Horizontal



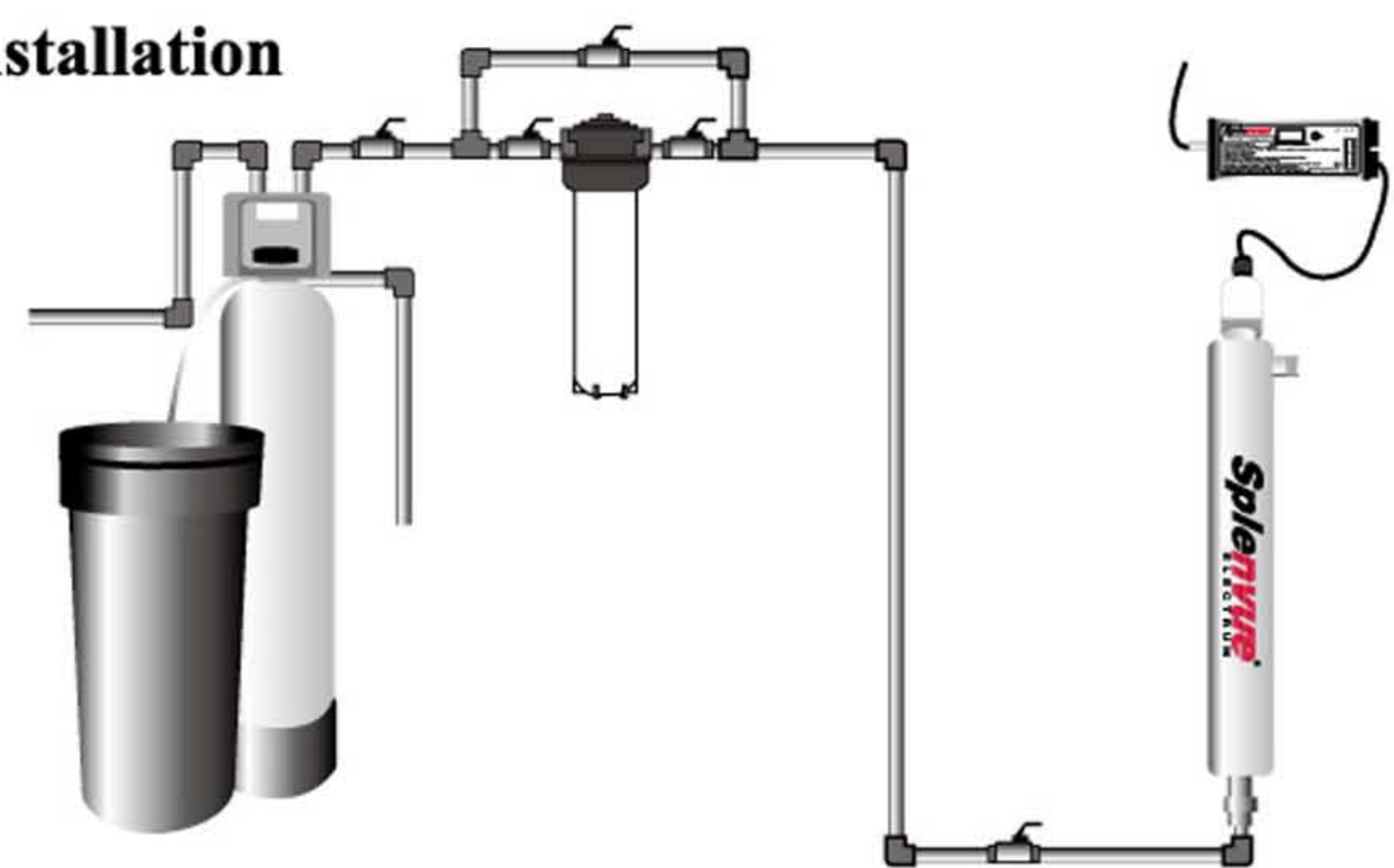
Lamp Made In USA



Worldwide Patent Number: 7.604.505



### Typical Installation



**Warranty** Splenuve® ultraviolet disinfection systems carry a TWO year warranty on the stainless steel reactor chamber, a one year warranty on UV lamp, quartz sleeve and other components.

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“ ГЛОБАЛ ГАРАНТ “  
 МАГ "H<sub>2</sub>O" ПЛОВДИВ