

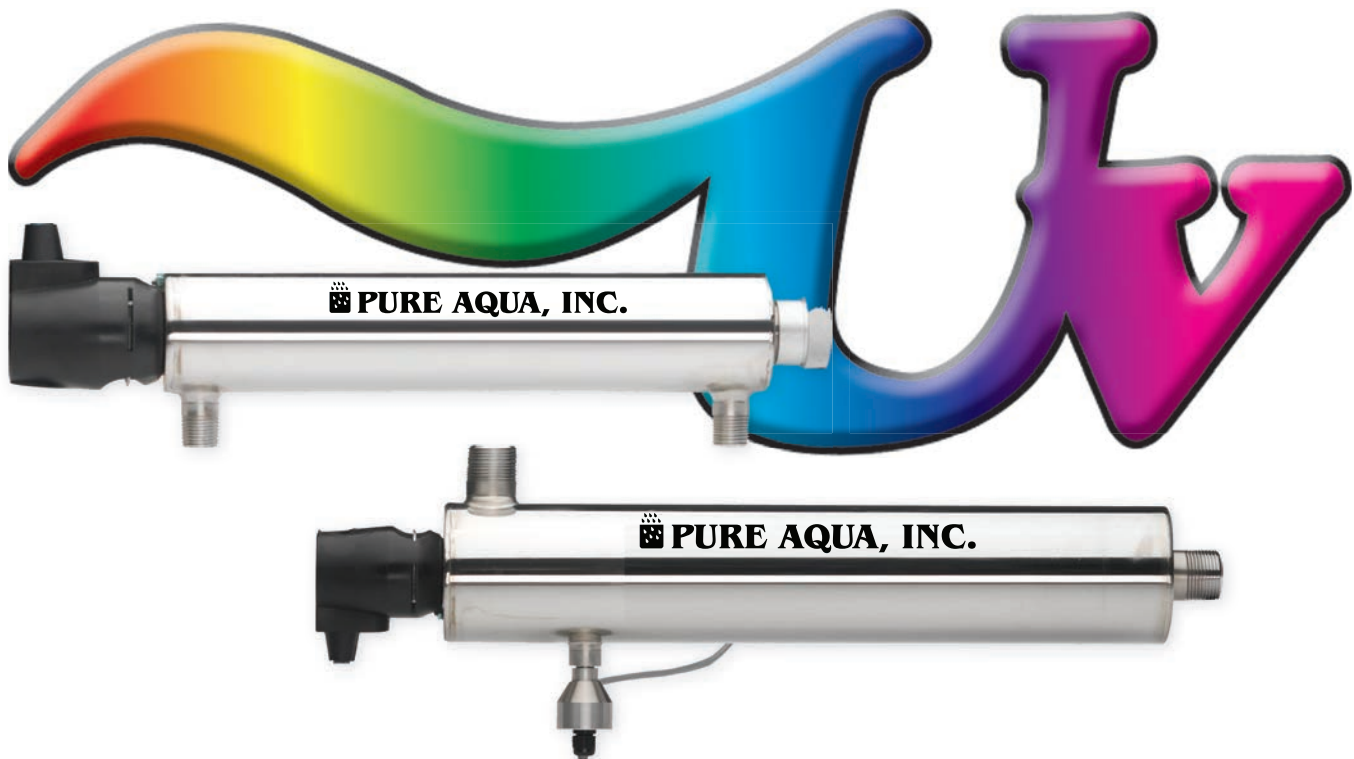
Commercial UV Sterilizers

Capacity: 2 to 80 GPM

UVC
SERIES

Pure Aqua's UVC systems virtually eliminate microbiological contaminants without using potentially hazardous chemicals. Water enters through the bottom port of the ultraviolet generator cell and swirls around a low pressure mercury vapor lamp, which emits powerful ultraviolet light energy at 235.7nm wave length.

Bacteria, viruses and other micro-organisms absorb the light energy which disrupts their DNA, and are destroyed safely inside a factory tested, stainless steel cell. The treated water then exits through the top port of the cell and is ready for consumption.



Standard Features

- ◆ 304 stainless steel reactor chamber in (S20-PA - S26)
- ◆ 316L stainless steel reactor chamber in (S37 - S60)
- ◆ Visual "power on"
- ◆ Visual lamp life remaining
- ◆ Audible lamp failure
- ◆ Audible lamp replacement reminder
- ◆ Installation orientation vertical or horizontal (except for S37 & S60 vertical only)

Available Options

- ◆ Dynamic flow restrictor
- ◆ Temperature management valve (not available with S20-PA)
- ◆ Solenoid valve
- ◆ COMMcenter control package (available for S37 & S60 only)
- ◆ Sensor reading output (4-20mA)
- ◆ UV sensor
- ◆ Cool touch fan
- ◆ Flow meter

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Advantages of UV

- ◆ **Effective:** Virtually all microorganisms are susceptible to UV disinfection
- ◆ **Economical:** Hundreds of gallons of water can be purified for a few cents per day
- ◆ **Safe:** No danger or way of overdosing, no addition of hazardous chemicals
- ◆ **Fast:** Water is ready for consumption as soon as it leaves the cell
- ◆ **Easy:** Simple installation and maintenance. Minimum space requirements
- ◆ **Automatic:** Continuous or intermittent disinfection without special attention
- ◆ **No Chemicals:** No chlorine taste or corrosion problems
- ◆ **Versatile:** Capacities available from 2 to 80 gallons per minute

Minimum Water Quality Requirements

- ◆ Fe count is less than: 0.3 mg/l
- ◆ H₂S count is less than: 0.05 mg/l
- ◆ TSS count is less than: 10 mg/l
- ◆ Mn count is less than: 0.05 mg/l
- ◆ TH level is less than 10 grains per gallon

Operation Specifications

- ◆ Electrical Supply: 100-240V/50-60Hz
- ◆ Max. Operating Pressure (S2Q-PA – S26): 125 psi (8.62 bar)
- ◆ Max. Operating Pressure (S37 – S60): 100 psi (6.9 bar)
- ◆ Ambient Temperature: 32-104°F (0-40°C)



Model #		Flow Rate (GPM) (95% UVT EOL)		Power Consumption	In/Out Port Size	Chamber Material	Chamber Dimensions (in.)	Installation Orientation	Shipping Weight (lbs)
North America	EU CEE	30 mJ/cm ²	40 mJ/cm ²	(Watts)					
S2Q-PA	S2Q-PA/2	3	2	22	1/2" MNPT	SS304	17x2.5	Vertical or Horizontal	7
S3	S3/2	5	3.5	32	3/4"-1" MNPT Combo		13x3.5		8
S7	S7/2	9	7	35	3/4"-1" MNPT Combo		17.75x3.5		12
S14	S14/2	18	14	60	3/4"-1" MNPT Combo		23.5x3.5		17
S18	S18/2	24	18	70	1" MNPT		30.75x3.5		19
S26	S26/2	34	26	95	1.5" MNPT		45x3.5		29
S37	S37/2	45	37	160	1.25" MNPT x 1" FNPT Combo	SS316	31x4	Vertical	28
S60	S60/2	80	60	230	2" MNPT		41x4		31

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