

# SANITRON™

## ULTRAVIOLET WATER PURIFIERS



### WATER QUALITY RECOMMENDATIONS — STANDARD MODELS

#### Maximum Concentration Levels Before Ultraviolet

Turbidity	5 NTU
Suspended Solids	10 mg/L
Color	None
Iron	0.3 mg/L
Manganese	0.05 mg/L
pH	6.5 - 9.5
Hardness	6 gpg

Unsure of your water quality? Please send a 500ml sample for a transmission test.

Effectively treating water with higher concentration levels than listed above can be accomplished, but may require added measures to improve water quality to treatable levels.



Model S37C

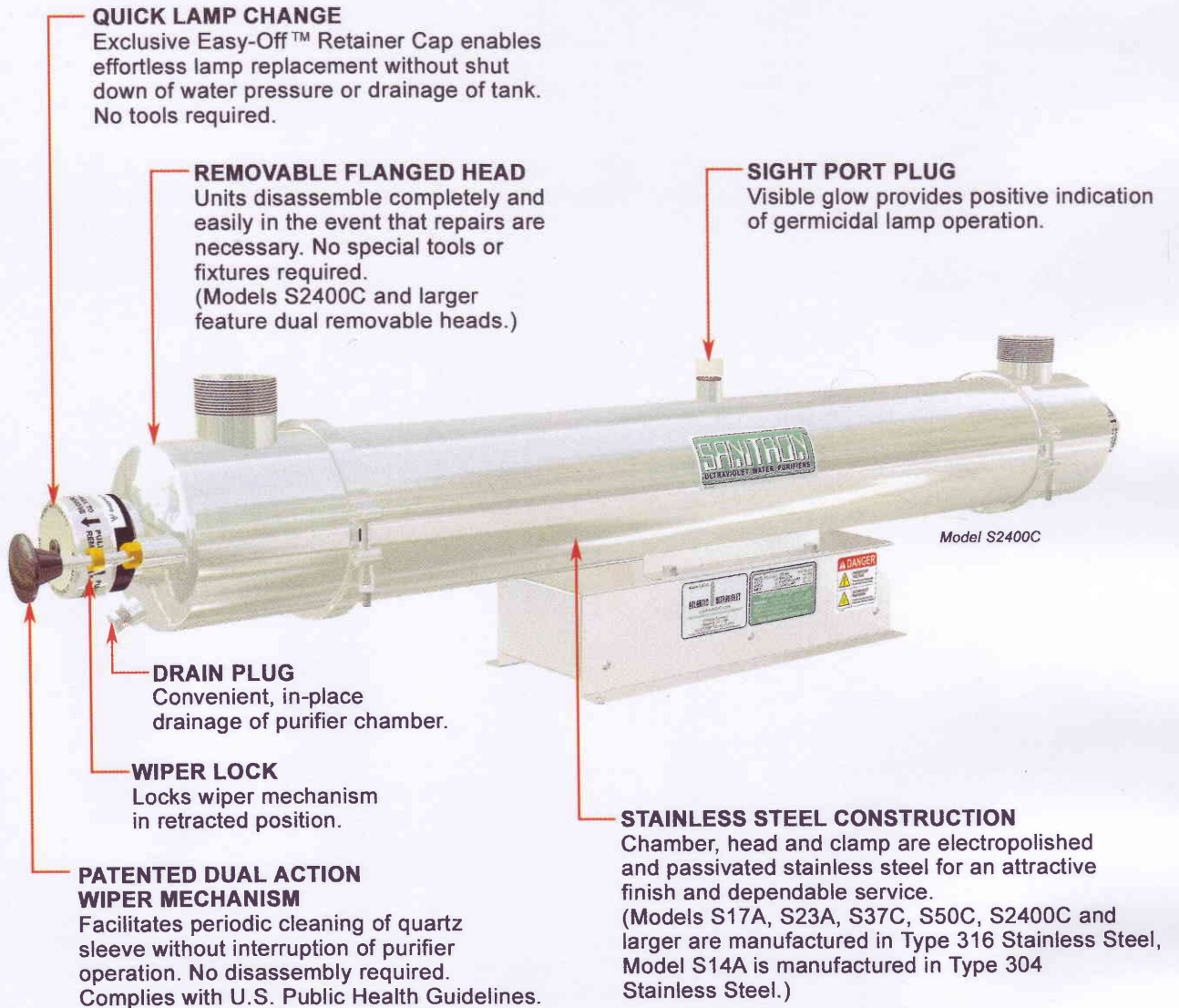
MODEL	LITRES PER MINUTE	LITRES PER HOUR	INLET AND OUTLET <sup>①</sup>	REPLACEMENT LAMPS <sup>③</sup>	POWER CONSUMPTION <sup>②</sup>	UNIT DIMENSIONS (mm)			SHIPPING DATA (Kg)	
						Length	Width	Height	Gross Wt.	Net Wt.
S50C	76	4600	1 1/2" BSP	G48T6L	54 Watts	1310	143	237	16.3	16.3
S2400C	158	9500	2" BSP	GX48L/4	140 Watts	1310	165	288	22.2	16.3

- ① All inlets and outlets are male pipe threads.
- ② Total power consumption including ballast loss (approximate).
- ③ Ozone producing ultra violet lamps are also available.

- Maximum recommended operating pressure for all purifiers is 100 PSI
- Pressure drop at maximum recommended flow rate is less than 5 PSI
- Flow rates are based on Maximum Concentration Levels and are based on 50% UV transmission.
- 12 and 24 Volt DC units also available.
- Ozone producing ultra violet lamps are also available..



## SPECIAL FEATURES



**QUICK LAMP CHANGE**

Exclusive Easy-Off™ Retainer Cap enables effortless lamp replacement without shut down of water pressure or drainage of tank. No tools required.

**REMOVABLE FLANGED HEAD**

Units disassemble completely and easily in the event that repairs are necessary. No special tools or fixtures required. (Models S2400C and larger feature dual removable heads.)

**SIGHT PORT PLUG**

Visible glow provides positive indication of germicidal lamp operation.

**DRAIN PLUG**

Convenient, in-place drainage of purifier chamber.

**WIPER LOCK**

Locks wiper mechanism in retracted position.

**PATENTED DUAL ACTION WIPER MECHANISM**

Facilitates periodic cleaning of quartz sleeve without interruption of purifier operation. No disassembly required. Complies with U.S. Public Health Guidelines.

**STAINLESS STEEL CONSTRUCTION**

Chamber, head and clamp are electropolished and passivated stainless steel for an attractive finish and dependable service. (Models S17A, S23A, S37C, S50C, S2400C and larger are manufactured in Type 316 Stainless Steel, Model S14A is manufactured in Type 304 Stainless Steel.)

## INSTALLATION & MAINTENANCE

The purifier is installed as close as possible to the point of use. Connection of the inlet and outlet to water supply and insertion of plug into 3-wire grounded outlet is all that is required.

Ordinary maintenance consists of cleaning the quartz sleeve with the manual wiper once monthly or more frequently where conditions dictate. Lamp replacement is recommended every 8,500 hours of operation (approximately 12 months of continuous service).