

# SANITRON<sup>®</sup>

ULTRAVIOLET WATER PURIFIERS



Model S2400C  
151 Liters Per Minute



Certified to  
NSF/ANSI 61 & 372

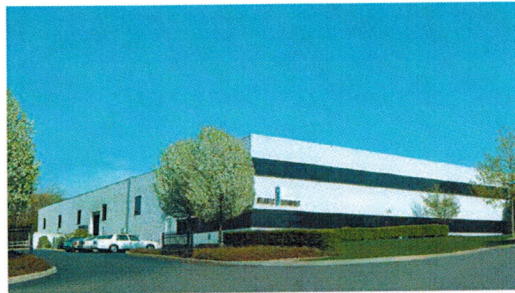
SINCE 1963  
**ATLANTIC U ULTRAVIOLET**  
CORPORATION<sup>®</sup>



## ABOUT US

Since 1963, Atlantic Ultraviolet Corporation® has pioneered the discovery and development of beneficial uses of ultraviolet energy. Over the years these efforts have led to the development of valuable, cost effective and environmentally sound techniques and products now known and respected throughout the world.

The UV Application Specialists at Atlantic Ultraviolet Corporation® assist customers in the selection of germicidal lamps and equipment. Their specialized knowledge is a valuable resource in formulating effective and cost-conscious ultraviolet solutions. Extensive inventories and a dedicated staff enable Atlantic Ultraviolet Corporation® to fulfill its commitment to provide fast deliveries and responsive customer service.



## GERMICIDAL ULTRAVIOLET

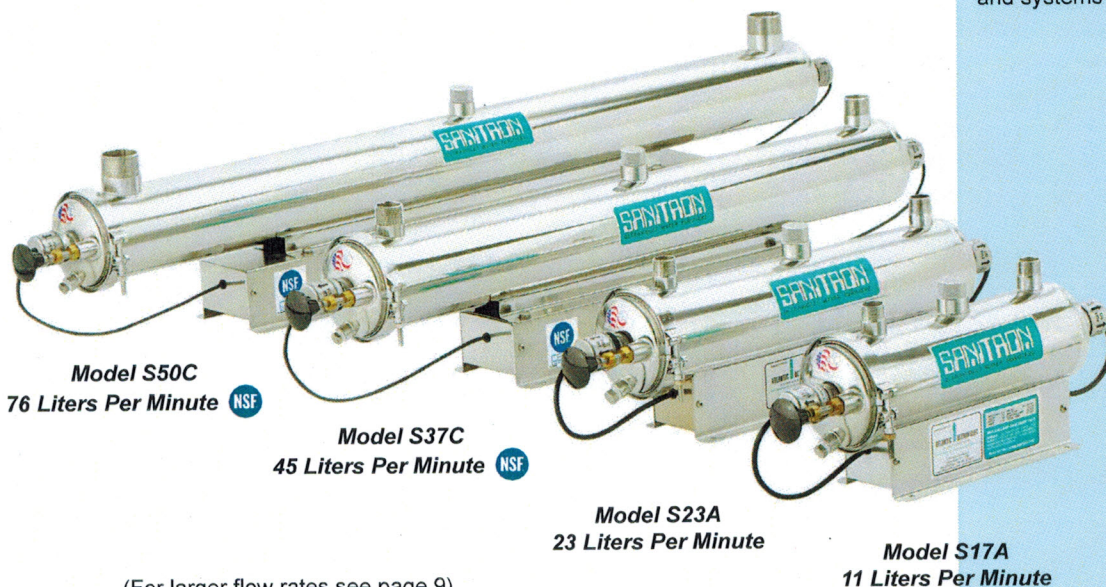
Ultraviolet water purification is a unique and rapid method of water disinfection without the use of heat or chemicals.

**SANITRON®** Ultraviolet Purifiers utilize germicidal ultraviolet lamps that produce short wave radiation lethal to bacteria, viruses and other microorganisms present in water.

Through the years ultraviolet technology has become well established as a method of choice for effective and economical water disinfection.

**SANITRON®** Ultraviolet Water Purifiers are the ideal solution for an ever growing range of water treatment applications.

Atlantic Ultraviolet Corporation® equipment and systems are manufactured in the USA.



(For larger flow rates see page 9)

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## ADVANTAGES

### Effective

Virtually all microorganisms are susceptible to **SANITRON®** ultraviolet disinfection

### Economical

Hundreds of liters are purified for each penny of operating cost

### Safe

No danger of overdosing, no addition of chemicals

### Fast

Water is ready for use as soon as it leaves the purifier – no further contact time required

### Easy

Simple installation and maintenance. Compact models require minimum space

### Automatic

Provides continuous disinfection without special attention or measurement

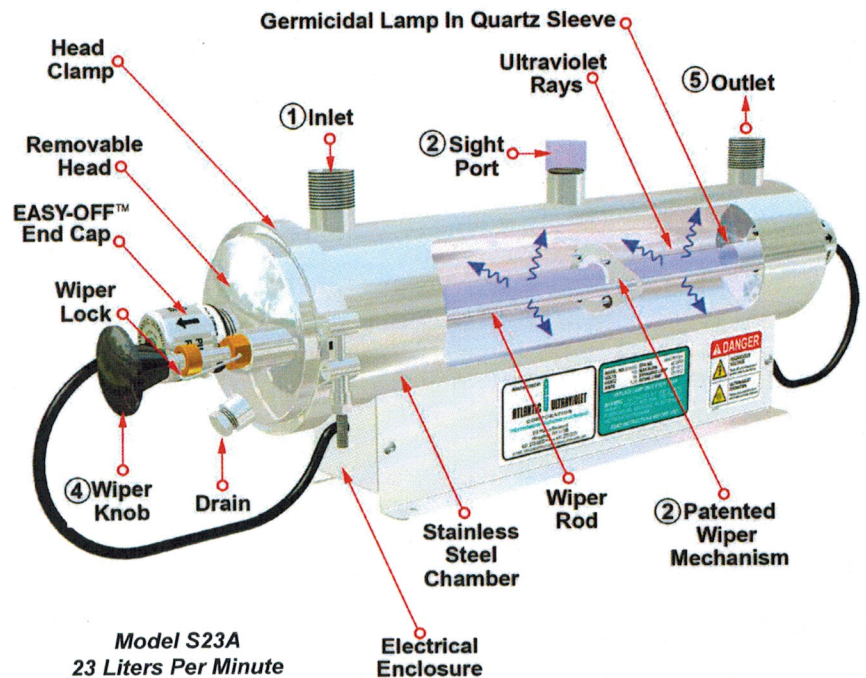
### Chemical Free

No chlorine taste or corrosion problems

### Versatile

Capacities available from 11 to 1,575 liters per minute

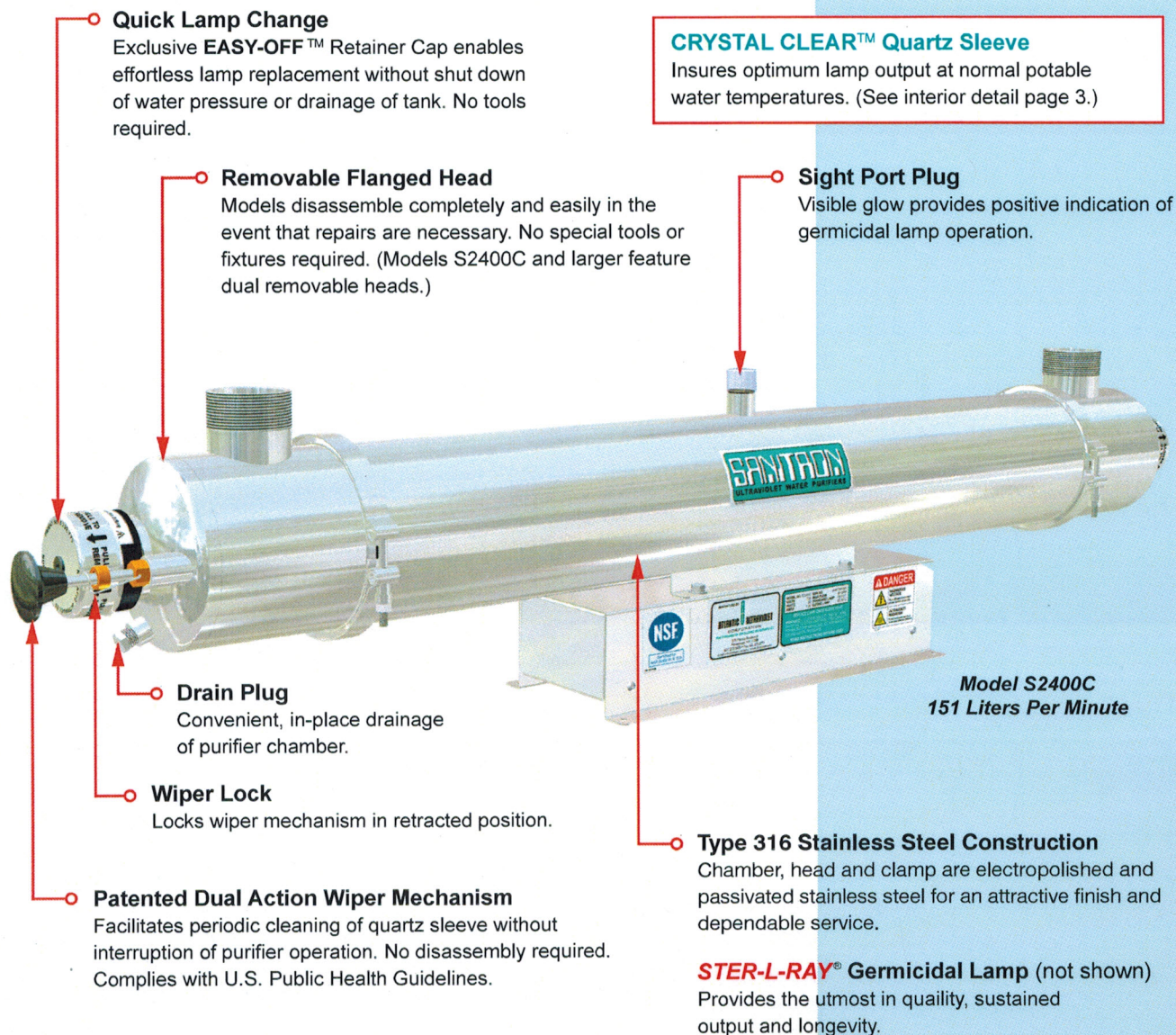
## PRINCIPLE OF OPERATION



- ① The water enters the purifier and flows into the annular space between the quartz sleeve and the chamber wall.
- ② The wiper segments induce turbulence in the flowing liquid to assure uniform exposure of suspended microorganisms to the lethal ultraviolet rays.
- ③ Translucent sight port provides positive indication of germicidal lamp operation.
- ④ The wiper assembly facilitates periodic cleaning of the quartz sleeve without any disassembly or interruption of purifier operation.
- ⑤ Water leaving the purifier is instantly ready for use.



## SPECIAL FEATURES



## INSTALLATION & MAINTENANCE

The purifier is installed horizontally as close as possible to the point of use. Connection of the inlet and outlet to water supply and insertion of power plug into 3-wire GFCI 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 10,000 hours of operation (approximately 14 months of continuous service).