

# MIGHTY★PURE®

ULTRAVIOLET WATER PURIFIERS



Model MP36C  
45 LPM



System Tested and Certified by  
NSF International against  
NSF/ANSI Standard 55 for  
Disinfection Performance, Class B

SINCE 1963  
**ATLANTIC U ULTRAVIOLET**  
CORPORATION®



## 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.



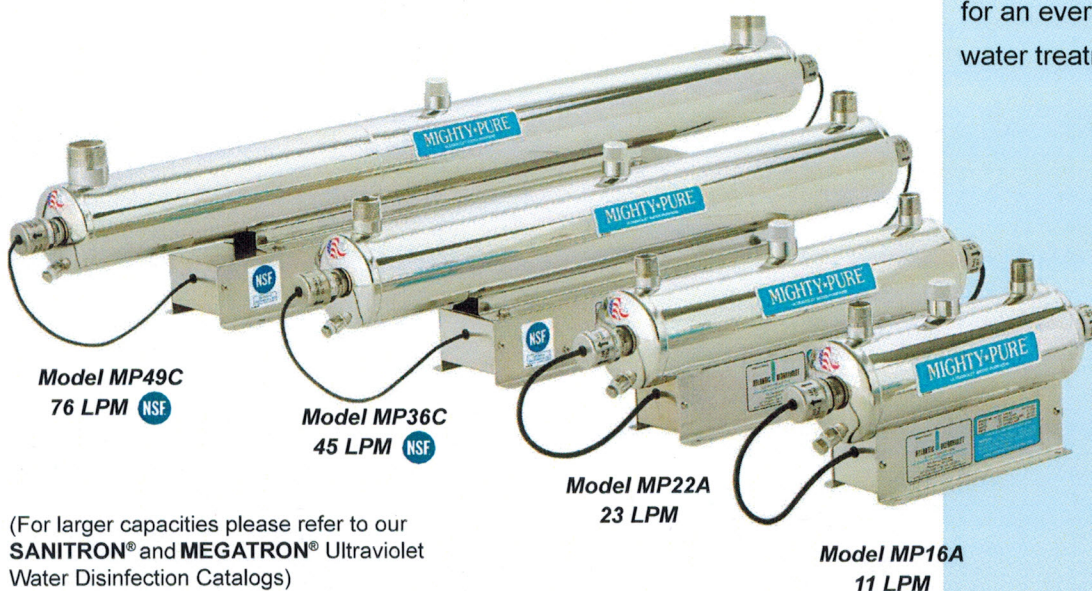
## GERMICIDAL ULTRAVIOLET

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

**MIGHTY★PURE®** Ultraviolet Purifiers utilize germicidal ultraviolet lamps that produce short wave radiation lethal to bacteria, virus, 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.

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





## ADVANTAGES

### Effective

Virtually all microorganisms are susceptible to **MIGHTY★PURE®** ultraviolet disinfection

### Economical

Hundreds of gallons 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 purifiers require minimum space

### Automatic

Provides continuous disinfection without special attention or measurement

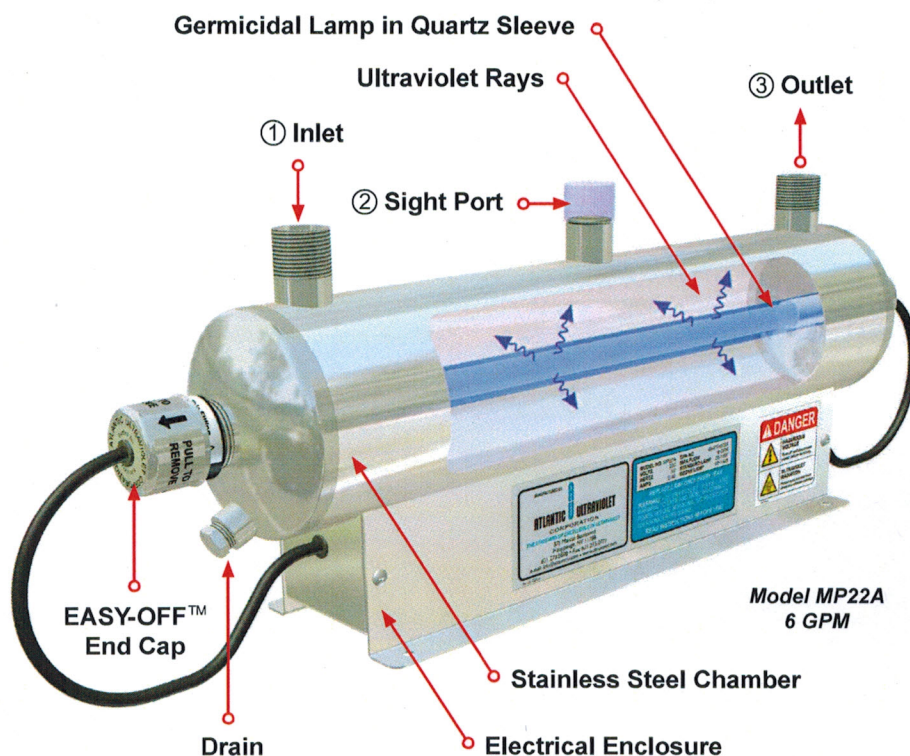
### Chemical Free

No chlorine taste or corrosion problems

### Versatile

Capacities available from 11 to 76 liters per minute (LPM)

## PRINCIPLE OF OPERATION



- ① The water enters the purifier and flows into the annular space between the quartz sleeve and the chamber wall.
- ② Translucent sight port provides positive indication of germicidal lamp operation.
- ③ Water leaving the purifier is instantly ready for use.





## SPECIAL FEATURES

### Quick Lamp Change

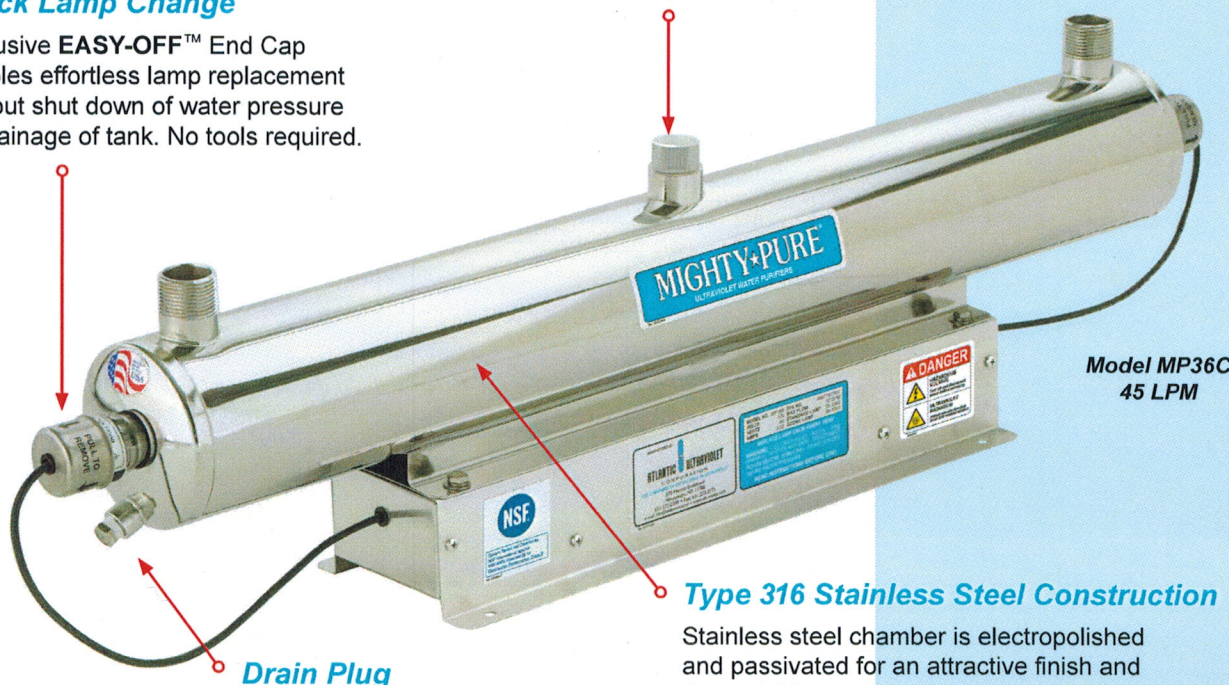
Exclusive **EASY-OFF™** End Cap enables effortless lamp replacement without shut down of water pressure or drainage of tank. No tools required.

### Sight Port Plug

Visible glow provides positive indication of germicidal lamp operation.

### FUSED CRYSTAL CLEAR™ QUARTZ SLEEVE

Ensures optimum lamp output at normal potable water temperatures. (See interior detail page 3.)



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### Drain Plug

Convenient, in-place drainage of purifier chamber.

### Type 316 Stainless Steel Construction

Stainless steel chamber is electropolished and passivated for an attractive finish and dependable service.

### STER-L-RAY® Germicidal Ultraviolet Lamp

Utilized in each **MIGHTY-PURE®** Water Purifier, providing the utmost in quality, sustained output and longevity (See interior detail on **page 3**).



Flow Control Valves  
Included with NSF Certified  
models MP36C and MP49C

## 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 grounded GFCI outlet is all that is required.

Ordinary maintenance consists of routine cleaning of the quartz sleeve once monthly or more frequently where conditions dictate. Lamp replacement is recommended every 10,000 hours of operation (approximately 14 months of continuous service).