



# Aquatronic™

ME-Series • UV Water Disinfection Systems



*Aquatronic™ ME-Series  
UVC Germicidal Water Treatment Systems  
provide safe, potable water.  
Two flow rates available. All Versions.*

- Electropolished 304 stainless steel vessel
- Flow control
- UV Lamp Monitor
- Solenoid valve option
- Real-time UV intensity monitoring

**Aquatronic™ UV kills  
microorganisms  
without adding  
chemicals that  
can adversely affect  
taste, health and the  
environment.**



**Ultravation®**  
Professional Water Treatment Products

ultravation.com



# Ultravation UV Water Disinfection: Performance you can count on for years to come

**Ultravation Aquatronic™ ME-Series UV Disinfection Systems** are designed to consistently provide quality water for potable and laboratory applications. Aquatronic™ systems are recommended anywhere bio-contamination is a potential problem. We recommend water testing be performed and analyzed by a water quality professional.



standards from 304 stainless steel utilizing plasma arc fusion welding for uncontaminated welds. They are electropolished and passivated for unsurpassed strength and for food grade quality applications.

## Electronic ballast

The electronic ballast assures UV output performance for stability over a wide range of voltage fluctuations. They are designed to optimize reliability and maximize UV output over the life of the lamp.

## Real-time UV output level monitor

The ME-Series features a UV-C monitor that displays the actual UV intensity level inside the disinfection chamber, indicating the exact UV-C status at a glance. It sounds an alarm if the UV output is too low. It also reminds when the lamp needs to be changed and the quartz sleeve cleaned. It also features connections for an optional solenoid valve that will stop water flow when the UV lamp is not operating or output is too low.

## 16,000 microwatt(μw) UV dose

Aquatronic™ UV systems produce 16,000μw/cm<sup>2</sup> of UV energy. Ultravation UltraMAX™ UV lamps are encased in precision cut, fire polished quartz sleeves that maximize microbe exposure to the germicidal wavelengths of UVC light.

## Electropolished stainless steel construction

Ultravation water disinfection chambers are fabricated to industrial

## Installation

ME models install vertically or horizontally, after the pressure tank and/or any other treatment devices (such as softeners or filters), and before the point of first potable water use. The UV lamp and quartz sleeve remove from the top of the unit for easy maintenance.

## Additional features:

- Adds no chemicals or other substances to the water
- 10 gpm (ME-10) or 20 gpm (ME-20) capacities
- 9000 hour (approx one year) UV lamp life
- UV viewport compression nut
- Mounting brackets included
- Installs using standard household fittings
- Low power consumption

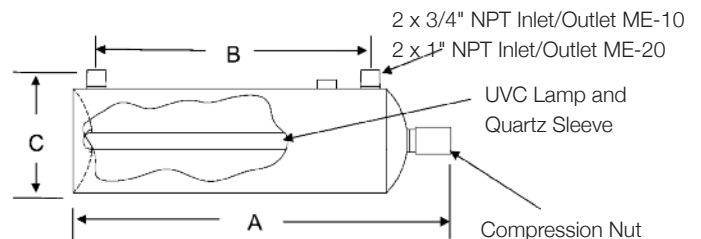
## Technical Specifications

Both models produce 16,000μw/cm<sup>2</sup> dosage at rated flow

ME-Series Models	Maximum Flow Rate Clear Fresh Water		Lamp Hours	ELECTRICAL AMP 120 VAC		INLET/OUTLET SIZE	OPERATING PRESSURE PSI ATMOS		DIMENSIONS A x B x C	SHIPPING WEIGHT	
	GPM	m <sup>3</sup> /h		AMP	0.042		PSI	ATMOS		lbs	kgs
ME-10	10 GPM	2.3 m <sup>3</sup> /h	9,000	0.35	0.042	3/4" NPT	125	9.0	20.625" x 15" x 6.8"	7lbs	3kgs
ME-20	20 GPM	4.6 m <sup>3</sup> /h	9,000	0.5	0.06	1" NPT	125	9.0	35" x 28.9" x 7"	10lbs	5kgs



## Product Dimensions



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