SINCE 1901

STERI FLO® ULTRAVIOLET WATER STERILIZERS

WITH 5 MICRON PARTICULATE PRE-FILTER/TASTE MASTER® PURIFIER – 5-140 GPM FLOW RATE

UV STERILIZER UNIT
Cut-away illustration showing UV tube, quartz sleeve and sensor

MODEL IL-SF-TM FEATURES

STAGE ONE: PRE-FILTER

- FILTERED WATER: Water is clear and free of most particles
- INCREASED PURIFIER EFFICIENCY: Filter reduces turbidity in water increasing purifier effectiveness
- EASY TO MAINTAIN: Filter elements can be replaced in minutes without tools

STAGE TWO: TASTE MASTER® PURIFIER

- ENHANCED WATER APPEARANCE: Water is clear and particle-free
- INCREASED UV EFFICIENCY: Filter reduces turbidity in water increasing UV radiation effectiveness
- ENHANCED WATER QUALITY: Organic tastes and odors are removed from source water
- EASY TO MAINTAIN: Purifier elements can be replaced in minutes without tools

STAGE THREE: STERI FLO UV WATER STERILIZER

- EFFECTIVE GERMICIDAL: Kills micro-organisms which cause water borne diseases
- PURITY: No chemicals or toxic products used
- LOW COST OPERATION: Energy consumption equal to ordinary fluorescent tubes
- EASY TO INSTALL: Uses standard plumbing connections and grounded electrical outlet
- EASY TO MAINTAIN: Quartz sleeve and UV tubes can be cleaned or replaced in minutes

MAINTENANCE

- Replace filters and purifiers every 4 months or more often if required.
- Change UV bulbs after 10-12 months of constant use.

THE SAFE ALTERNATIVE TO CHLORINE

Steri Flo® ultraviolet sterilizers kill bacteria without chlorine or other chemicals and therefore have no cancer-causing by-products. They are recommended as an alternative to chlorine treatment for rural homes on well systems and as added protection for hospitals, office buildings, etc. where cryptosporidium and other micro-organisms may be retained in the bio-film on the walls of city water mains.

UV radiation, with a wavelength of 2,536 angstrom, is produced from a low pressure mercury lamp. The lamp is encased in a special high-purity quartz sleeve which is immersed in water inside of the stainless steel sterilizing chamber which are easily removed as a bundle for inspection or cleaning. By regulating the flow of water through this chamber, disease-causing micro-organisms, such as bacteria, algae, spores and viruses are exposed to a dose of at least 40,000µw-sec/cm2 – over twice the dosage required to ensure safe drinking water.

Sterilizer includes high powered ballast, fuse, power safety switch, all inside a white enameled cabinet with 6 foot electrical cord.

PRE-FILTRATION IMPROVES WATER QUALITY AND STERILIZATION PROCESS

Pre-filter (Model PF) removes most particulate matter, improving the clarity of the water and extending the life of the Taste Master purifier.

TASTE MASTER® PURIFIER IMPROVES WATER QUALITY AND STERILIZATION PROCESS

The **Taste Master purifier** uses activated carbon block elements on water inlet to remove lead, organic tastes and odors, chlorine taste/odor and sediment to 5 microns. Plus, this element eliminates particulate shadowing in the UV sterilization chamber increasing the destruction rate of water-borne pathogens.

The Taste Master purifier and the pre-filter both have the same Filtrine "Dual Seal" design which improves filtration and eliminates seal leakage, common to ordinary cartridges which rely on compression seals.

ULTRAVIOLET EFFECTIVENESS*	
BACTERIA	
Bacillus anthracis	8,700
Dysentary bacilli	4,200
Escherichlia coli	6,600
Salmonella	10,500
Shigella dysenteriae (dysentary)	4,200
Eberthella typosa	4,100
Strepococcus faecalia	10,000
Legionella pneumophilia	12,300
PROTOZOA	
Chlorella vulgaris (algae)	22,000
Blue-green algae	420,000
Bacteriophage (E. coli)	6,600
Giardia lamblia (cysts)	100,000
* Amount of UV energy necessary for destruction of organisms measured in µw-sec/cm2	

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MADE IN USA

FILTRINE IS ISO 9001:2015 CERTIFIED
PRODUCT LINE APPROVED MARK AVAILABLE

COMPLIES WITH LEAD NSF/ANSI 372