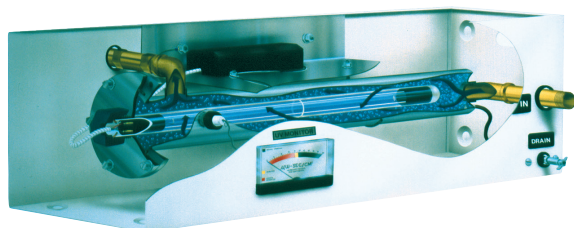


STERI FLO® ULTRAVIOLET WATER STERILIZERS

WITH 5 MICRON PARTICULATE PRE-FILTER – 5-120 GPM FLOW RATE



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

STERILIZER FEATURES

- **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

“DUAL SEAL” PARTICULATE PRE-FILTER FEATURES

- **ENHANCED WATER APPEARANCE:** Water is clear and particle-free
- **INCREASED UV EFFICIENCY:** Filter reduces turbidity in water increasing UV radiation effectiveness
- **EASY TO MAINTAIN:** Filter cartridges can be replaced in minutes without tools

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.

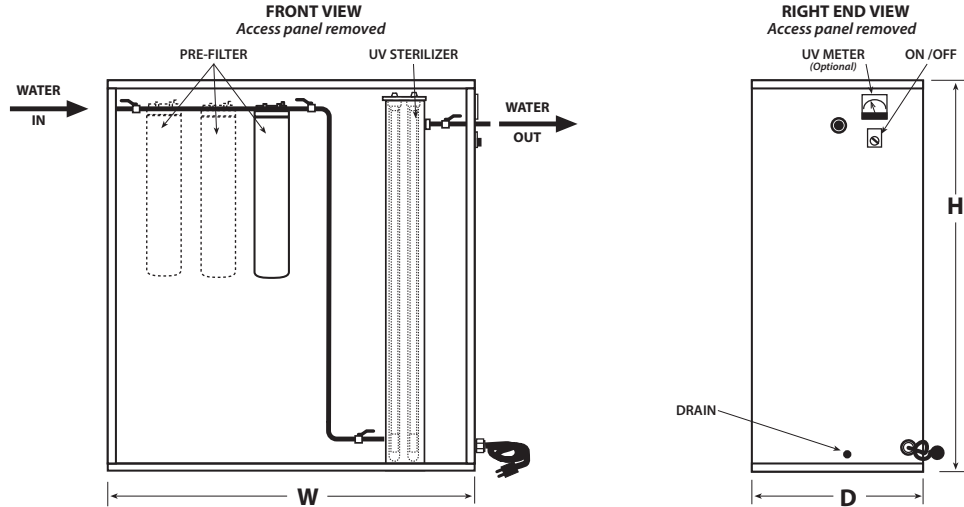
PRE-FILTRATION IMPROVES WATER QUALITY AND STERILIZATION PROCESS

PF Model particulate pre-filter removes any particulate matter, improving the clarity of the water. Plus, this filter cartridge eliminates particulate shadowing in the UV sterilization chamber increasing the destruction rate of water borne pathogens. PF pre-filter features Filtrine’s “Dual Seal” design which improves filtration and eliminates seal leakage common to ordinary cartridges which rely on compression seals.

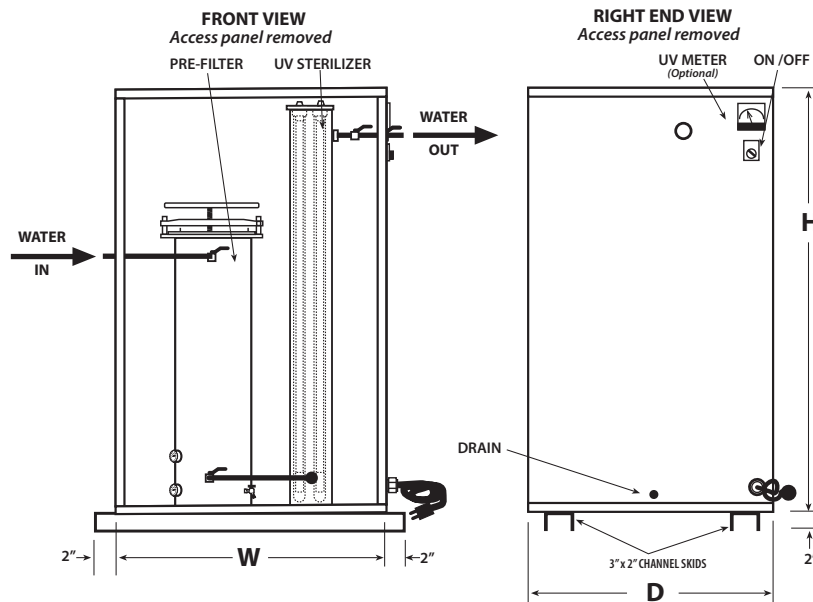
ULTRAVIOLET EFFECTIVENESS*	
BACTERIA	
Bacillus anthracis	8,700
Dysentary bacilli	4,200
Escherichia coli	6,600
Salmonella	10,500
Shigella dysenteriae (dysentary)	4,200
Eberthella typosa	4,100
Streptococcus faecalia	10,000
Legionella pneumophilia	12,300
PROTOZOA	
Chlorella vulgaris (algae)	22,000
Blue-green 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

Models IL5-SF / IL10-SF / IL15-SF / IL30-SF Shown with optional cabinet



Models IL60-SF / IL120-SF Shown with optional cabinet



5.0 MICRON IN-LINE STERI FLO® FILTER / UV STERILIZER SELECTION CHART

MODEL NO.	RATED FLOW* GPM	PRE-FILTER			UV STERILIZER				DIMENSIONS** INCHES			WATER IN & OUT INCHES	SHIP WT LBS (APPROX.)
		[QTY] HOUSING	[QTY] ELEMENT	ELEMENT ORDER NO.	MODEL	CHAMBERS	UV TUBES	UV TUBE ORDER NO.	W	D	H		
IL5-SF	5	[1] PFS6	[1] PFS6-10-5-SP	46.2530	S5	1	1	31.0050	32	12	26	3/4	300
IL10-SF	10	[1] PFS10	[1] PFS10-19-5-SP	46.2324	S15	1	1	31.0053	32	12	50	3/4	300
IL15-SF	15	[2] PFS10	[2] PFS10-19-5-SP	46.2324	S15	1	1	31.0053	40	18	50	3/4	400
IL30-SF	30	[3] PFS10	[3] PFS10-19-5-SP	46.2324	S30	1	2	31.0053	48	18	50	1	450
IL60-SF	60	[1] PF70	[7] PF10-17-5-SP	46.0324	S60	1	4	31.0053	32	24	50	1-1/2	600
IL120-SF	120	[1] PF140	[7] PF140-36-5-SP	46.0326	S120	2	8	31.0053	54	30	64	2	650

Electrical: 115-120/60/1 (other electrical available, consult factory) *Pressure drop across PF at rated flow is approximately 6.6 psi when new. **Dimensions for typical unit.