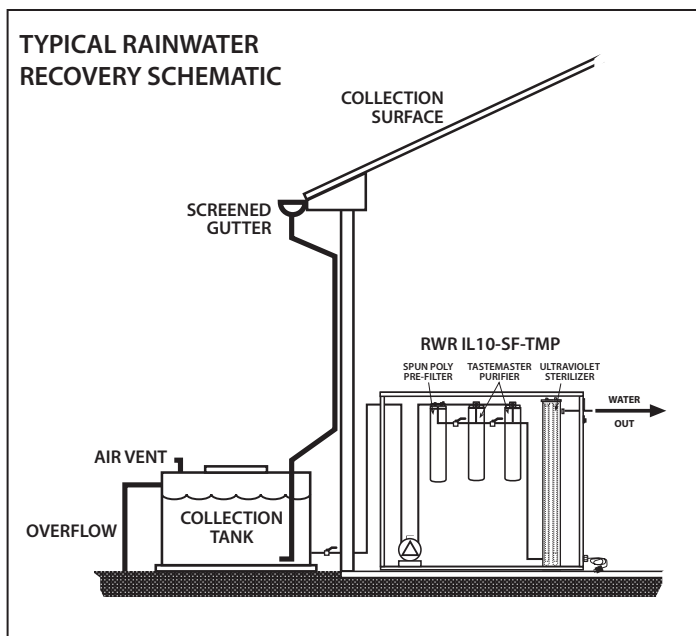


RAINWATER RECOVERY SYSTEM

Purified Water Using A 3-Stage Treatment Process

TYPICAL RAINWATER RECOVERY SCHEMATIC



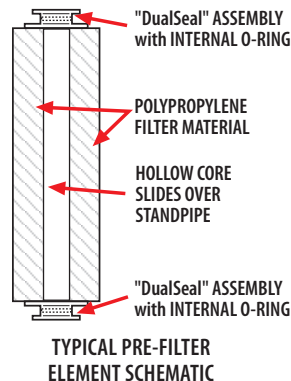
STERI-FLO® STERILIZERS produce UV radiation with a wavelength of 2,536 angstrom using a low pressure mercury lamp. The lamp is encased in a special high-purity quartz sleeve which is immersed in water inside of the stainless steel sterilizing chamber. By regulating the flow of water through this chamber, 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.*

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
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 organism measured in µw-sec/cm ²	

STAGE ONE PRE-FILTRATION

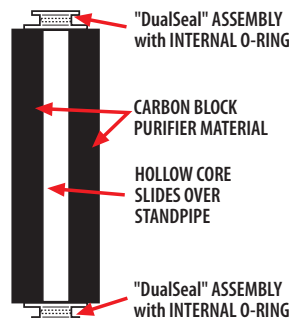
PF ELEMENTS remove sediment to 5 microns and other suspended particles using cartridges made from thermally-bonded microfibers of polypropylene.



TYPICAL PRE-FILTER SPUN POLY ELEMENT

STAGE TWO PURIFICATION

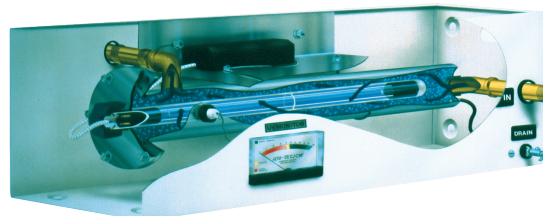
TASTEMASTER ELEMENTS remove sediment to 5 microns, organic tastes/odors, chlorine taste/odor.



TYPICAL TasteMaster CARBON BLOCK ELEMENT

STAGE THREE STERILIZATION

STERI-FLO UV radiation, in concentrated doses, break through the outer cell walls of waterborne micro-organisms and penetrate the nucleus to destroy cell DNA.

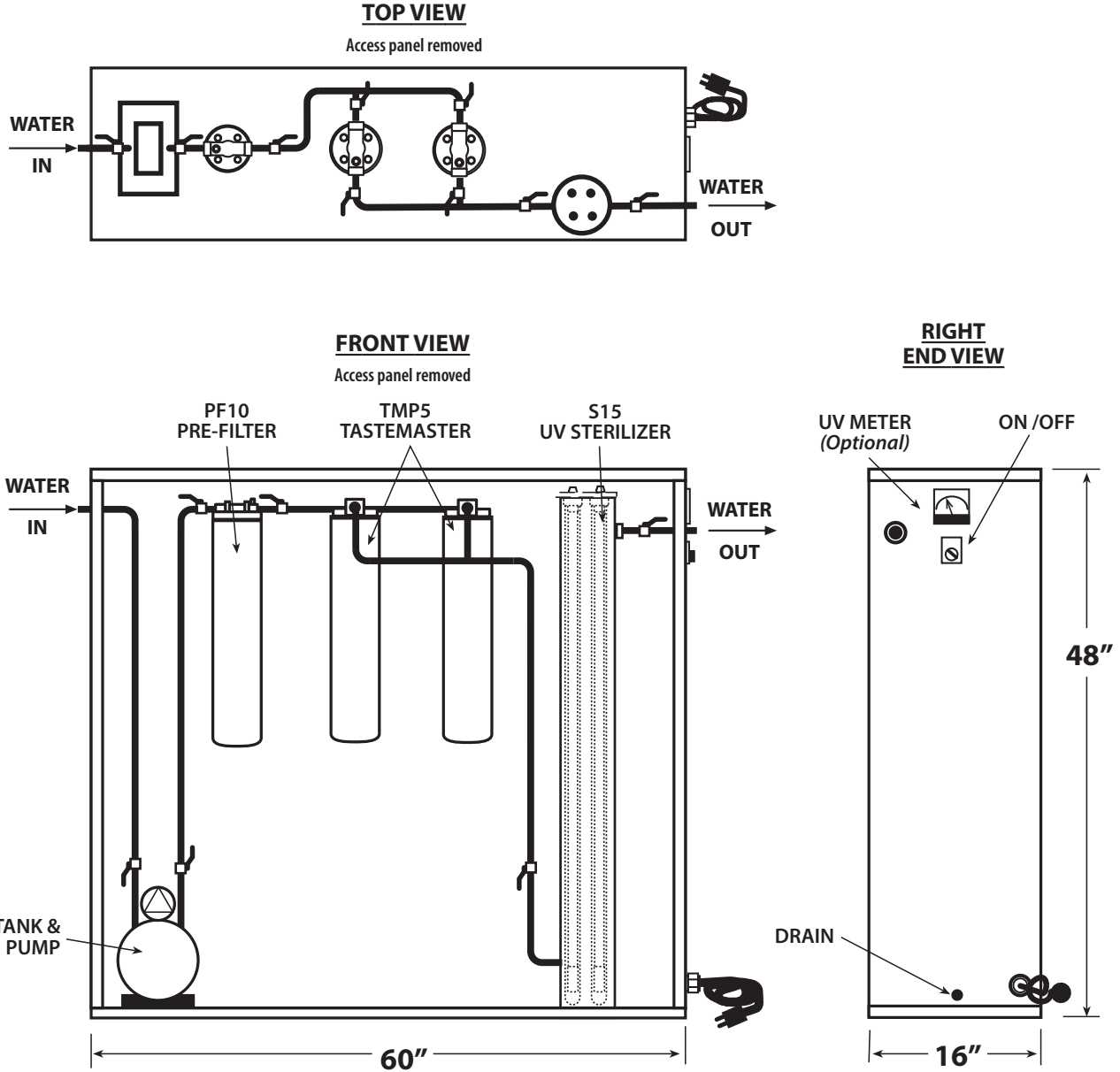


UV STERILIZER UNIT
Cut-away illustration showing UV tube, quartz sleeve and sensor

Model RWR-IL10-SF-TM

Rainwater Recovery Filter, Purifier, Sterilizer

SCHEMATIC



Rainwater Recovery Filter/Purifier/Sterilizer System Specifications

MODEL NUMBER	FLOW gpm	PUMP* hp	TANK gal	POLYPROPYLENE PRE-FILTER		TASTEMASTER PURIFIER		STERI-FLO UV STERILIZER		
				[QTY] HOUSING	[QTY] ELEMENT	[QTY] HOUSING	[QTY] ELEMENT	MODEL	CHAMBERS	TUBES
RWR-IL10-SF-TM	10	1/2	6	[1] PF10	[1] PF10-17-5-SP	[2] TM3	[2] TM3-17-5-CB	S15	[1]	[1]

* SUCTION LIFT: 20 ft / ELECT: 110-115/60/1

NOTE: TasteMaster elements for removal of 0.5 micron particles, lead, cysts, organic tastes/odors and chlorine are available - consult factory.