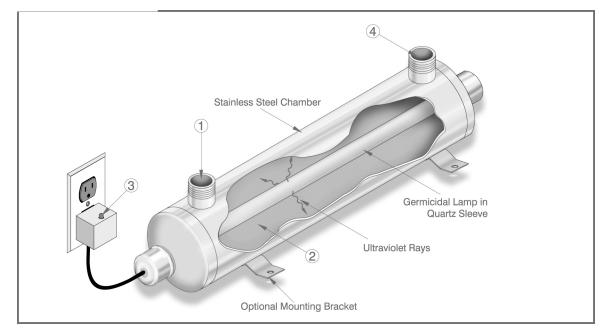


MONIPURE

ULTRAVIOLET WATER PURIFIERS

Principle of Operation



- 1 Water enters the purifier and flows into the annular space between the quartz sleeves and the outside chamber wall.
- 2 Within the chamber, water is exposed to intense germicidal ultraviolet radiation.
- 3 Transformer with LED indicator light provides visual indication of germicidal lamp operation.
- 4 Water leaving the purifier is instantly ready for use.

Advantages of the Minipure[™] Method

Effective

All micro-organisms are susceptible to Minipure[™] ultraviolet disinfection. Effluent is guaranteed to exceed United States Public Health Standards for bacterial purity.

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 units require minimum space.

Automatic

Provides continuous or intermittent disinfection without special attention or measurement.

Chemical Free

No chlorine taste or corrosion problems

MinipureTM Water Purifiers are manufactured under one or more patents owned by Atlanticu Ultraviolet Corporation. MinipureTM Ster-L-RayTM, and Easy-OffTM, Retainer Cap are trademarks of the Atlantic Ultraviolet Corporation.

Ster-L-RayTM Lamp Data for MinipureTM Water Purifiers

	05-1119										
	•		5-1366	<u></u>							
		0	5-1370		_						
05-0097A											
LAMP NUMBER	PURIFIER MODEL NO.	NOMINAL LAMP LENGTH	1 POWER CONSUPTION	2 ULTRAVIOLET OUTPUT	RATED EFFECTIVE LIFE						
05-1119	MIN-1	8-11/32" (212mm)	10 Watts	2.3 Watts	10,000 Hrs.						
05-1366	MIN-1.5	11-19/64" (287mm)	14 Watts	3.7 Watts	10,000 Hrs.						
05-1366	MIN-3	11-19/64" (287mm)	14 Watts	3.7 Watts	10,000 Hrs.						
05-1370	MIN-6	17-5/32" (436mm)	21 Watts	6.4 Watts	10,000 Hrs.						
05-0097a	MIN-9	24-13/32" (620mm)	29 Watts	9.7 Watts	10,000 Hrs.						

All Minipure[™] Water Purifiers employ genuine Ster-L-Ray[™]

germicidal lamps that afford the maximum efficiency and

longevity in producing the required germicidal rays. In

1 Wattage is lamp watts only and does not include ballast loss. 2 Maximum rated output at 254 nanometers.

addition to the obvious advantages of high efficiency and low power requirements, there is no possibility of the purifier overheating, as is the case with some other types. Consequently, the need for additional equipment to combat overheating is eliminated. The lamps listed above have been especially developed and are recommended for use with MightyPure™ Water Purifiers.

Special Features of the MinipureTM Water Purifier

Stainless Steel Construction - Chamber and hardware are Type 304 stainless steel for dependable long life.

Quick Lamp Change - Excusive, patented Easy-OffTM Retainer Cap enables lamp replacement without shutdown of water pressure or drainage of tank. Not tools are required.

Fused Quartz Sleeve - Insures optimum lamp output at normal potable water temperatures.

Optional Equipment - Optional accessories may be obtained at purchase time or added at a later date.

Indicator Light - LED on transformer provides visual indication of germicidal lamp operation.

Specifications for the Standard for $Minipure^{TM}$ Water Purifier

MODEL	G.P.M.	G.P.H.	INLET and OUTLET SIZE	UNIT DIMENSIONS (INCHES)			SHIPPING DATA		
				Length	Width	Height	Gross Wt. (Lbs.)	Net Wt. (Lbs.)	Cu. In.
MIN-1	1	60	1/4" FPT	12-3/8"	2-1/2"	3"	7	5	.30
MIN-1.5	1.5	90	1/4" FPT	15-3/8"	2-1/2"	3"	8	6	.35
MIN-3	3	180	3/4" MPT	16-1/4"	4-1/4"	5-9/16"	9	7	.90
MIN-6	6	360	3/4" MPT	22-1/4"	4-1/4"	5-9/16"	14	10	1.20
MIN-9	9	540	3/4" MPT	29-3/8"	4-1/4"	5-9/16"	18	14	1.51

Maximum recommended operating pressure for all purifiers is 100PSI.

Pressure drip at maximum recommended flow rate is 5 PSI or less.

All data shown above is for 118 volt 60 Hz. MinipureTM units are available for operation on public power supplied throughout the world.

Consult factory with specific power requirements.