

introducing



THE
One and Only
STERILIGHT®
Water Machine™

ensuring the safety of your water



THE STERILIGHT Water Machine — Clearly, the solution to healthier, great tasting water.



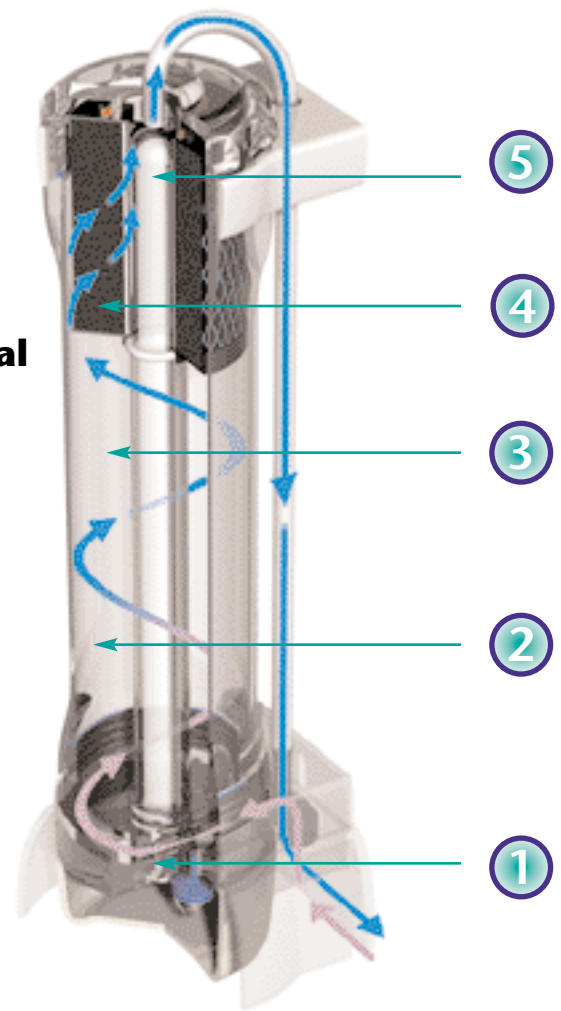
The STERILIGHT Water Machine uses the most advanced water treatment technology available today, and you can have it right in your home. With the STERILIGHT solution, you can have an unlimited supply of pure, great tasting water so vital for you and your family's health.

The STERILIGHT Water Machine uses the same purification processes found in nature.

How Nature purifies water:

- **Ozone**, generated by lightening, cleans and freshens the air where rainwater forms.
- **Ultraviolet Radiation** from the sun purifies water vapour in the upper atmosphere.
- **Filtration** occurs within the earth, producing crystal-clear spring water beneath the ground.

STERILIGHT uses the same natural processes:



- 1. Ozonation.** Ozone mixes with incoming tap water to destroy contaminants and improve taste. Like Chlorine, it is a powerful oxidizer. Unlike Chlorine, Ozone leaves no chemical residual.
- 2. Ultraviolet (UV) light exposure.** The ozone saturated water is flooded with high intensity UV-light, unequalled in its ability to destroy microorganisms including bacteria, virus and Protozoa such as Cryptosporidium and Giardia Lamblia.
- 3. Photo-Oxidation.** Ozone and UV work together to destroy contaminants and microbes. This occurs when the Ultraviolet Light catalyzes the Ozone to produce a rapid and powerful reaction in a compact space. This patented process is one of many features unique to the STERILIGHT Water Machine.
- 4. Activated Carbon Filtration with Lead removal.** After Photo-Oxidation, water passes through a one-micron filter. This filter reduces Chlorine, Lead, and tiny particles including parasitic Cysts (such as Cryptosporidium and Giardia Lamblia). It also converts residual Ozone to fresh Oxygen.
- 5. Post Filtration UV.** The filtered water once again is exposed to high intensity Ultraviolet Light, assuring that only clean, pure water leaves the machine.

THE STERILIGHT Water Machine. Form and function in an exclusive, patented design.



FORM AND FUNCTION

Functionality and Design. The STERILIGHT Water Machine housing is transparent, so you can watch it in action as it guards you and your family's health. The attractive, stream-lined appliance takes up little space and can sit on the counter-top, hang on the wall or be mounted below the counter.

Operation and Maintenance. Within the transparent chamber of the STERILIGHT Water Machine water swirls and Ozone bubbles as both are flooded with blue-white UV light. This pleasing sight and sound offers assurance that the STERILIGHT unit is at work, producing healthier water for you and your family. Regular maintenance consists of a filter replacement every 6 months or 500 gallons, and lamp replacement about every two years. Each process takes only a few minutes to complete.

INSTALLATION

Above Counter Installation with Diverter Valve. The STERILIGHT Water Machine can sit directly on the counter, or mount easily on the wall. It takes only minutes to connect it to a standard faucet using the diverter valve included with the unit. This valve directs tap water through the Water Machine when treated water is needed for drinking, food preparation or cooking. For dishwashing or other tasks where treated water is not needed, water can flow directly from the tap without passing into the unit.

Above Counter Installation

Wall or Under-Counter Installation with Dedicated Faucet. An optional faucet kit is available for those who want a dedicated faucet for treated water. This kit can be used with a wall-mounted STERILIGHT Water Machine, or when under the cabinet installation is desired. The kit allows the STERILIGHT unit to be connected in-line with the plumbing, eliminating the need for a diverter valve.



Under-Counter Installation



Wall Installation

Of all the things we need to survive, nothing is more basic than our need for pure water.



Water is the single most abundant chemical compound on this earth, covering 75 percent of its surface. All life depends on water for survival, and the human body is no exception. The body requires water for cooling, carrying nutrients, and eliminating waste. Unfortunately, few of us consume the recommended eight glasses of water per day, necessary for health, vitality and longevity. Sadly, the water we do consume increasingly fails to refresh us. It tastes unpleasant and harbours dangerous contaminants.

Lead. Lead, a serious health hazard, has been identified as a water-borne contaminant found in the water supply of a significant percentage of all homes and businesses.

Chlorine. Chlorine has long been added to water to protect against microorganisms. However, it is ineffective against Cysts such as Cryptosporidium and Giardia Lamblia. In addition, concern over its long-term health effects has led to some reduction in its use, exposing us again to more traditional water-borne microbes.

Microorganisms. According to the Centers for Disease Control and Prevention in Atlanta, Georgia, between 900 and 1,000 people die and another million become sick annually from microbiological illnesses linked to contaminated drinking water. Other estimates have deaths as high as 1,200 and illnesses at more than 7 million.*

Reason enough for the STERILIGHT Water Machine.

*FROM WATER TECHNOLOGY MAGAZINE, A LEADING INDUSTRY PUBLICATION, NOVEMBER 1996.



***Revolutionary
New
Product***

STERILIGHT® Water Machine Specifications

General description:	Self-contained Filtration/UV/Ozone counter-top or under-counter water treatment system.
Power Requirements:	100-130V./50-60Hz or 200-250V./50-60Hz., 20 watts.
Flow:	Up to 2 liters/minute (0.5 gpm), self regulated.
Contaminant Reduction:	Lead: 99% Cysts: 99.99% Turbidity: 99% Saccharomyces cerevisiae*: 99.6%
UV Dose:	In excess of 40 mJ/cm ² (40,000 µW/cm ²)
Physical Dimensions:	150 x 445 mm (5.9 x 17.5 inches)
Weight:	(empty) 2.2 Kg (5 lbs)
Filter Life:	1,900 liters (500 gallons) or six months
UV Lamp Life:	10,000+on/off cycles (approximately 2 years normal household use).
Colour:	Black housing, tinted black reactor chamber.
Models:	SWM1 (115V. system) and SWM1/2 (220V. system with European plug).
Replacement Components:	UV/Ozone lamp...SWM-RL, Quartz Sleeve...QS-SWM and Carbon cartridge...SWM-C1.

**Saccharomyces cerevisiae is an indicator microorganism used in establishing the performance of UV water treatment devices to NSF standard 55. Reduction shown is minimum measured reduction at 70% of normal lamp output.*

The Sterilight Water Machine™ has been tested against ANSI/NSF standards 42, 53, and 55 for lead, cyst, and turbidity reduction, and for UV performance.

Contact Sterilight for additional independent microbial reduction performance data.

Sterilight® is a registered trademark of R-Can Environmental Inc. The Sterilight Water Machine™ is protected by U.S. patents 5,266,215, 5,540,848, DES 357,058; other U.S. and foreign patents pending.

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