



Canadian Manufacturer

## EXCALIBUR - ULTRAVIOLET STERILIZERS



Quality through innovation





### **Choose Bacteria-Free Water**

Is your drinking water safe? Excalibur Water Systems incorporates modern technology to solve a problem that's been around for ages. Bacteriological contamination can be present in all water supplies, especially rural areas or areas which are not treated with municipal water systems. It is recommended that no well or lake water be consumed without adequate microbiological treatment, regardless of how the water is tested.

Excalibur Water Systems Ultraviolet Disinfection Sterilizers protect your family by removing harmful bacteria.



## Ultraviolet Light Disinfection Sterilizers

Unlike traditional disinfection methods (i.e. Chlorination), ultraviolet disinfection sterilizers impart no residual chemicals into your drinking water. The most effective bacteria removal process available today is to use ultraviolet light (UV) disinfection to clean your water. In addition to bacteria removal - E.coli, coliform, virus, algae, mold and others - the Excalibur Water Systems ultraviolet sterilizers are effective against protozoan such as Cryptosporidium and Giardia Lamblia. Ultraviolet effectively destroys these harmful elements. It is a proven fact that ultraviolet rays destroy the carcinogenic microorganisms in seconds, which prevents these harmful elements from further multiplying. The result is the most simple, cost effective way of treating your water!

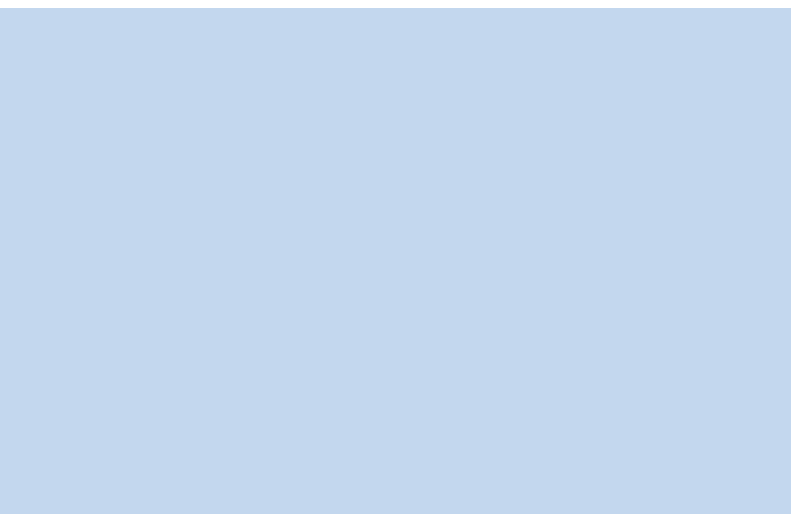
### Benefits:

- Most effective disinfection method that produces bacteria-free water
- Chemical free
- Drinking water maintains its natural minerals
- 99.9999% destruction of bacteria, virus and protozoan cysts (giardia lamblia and cyrtosporidium)
- Lamp change reminder timer that tells you when to replace ultraviolet lamp to maintain bacteria free water
- Stainless steel construction no corrosion
- Ultraviolet lamps with ceramic bases for durability and long life
- Minimal maintenance and low operating costs

Is your drinking water safe? Excalibur Water Systems incorporates modern technology to solve a problem that's been around for ages. Bacteriological contamination can be present in all water supplies, especially rural areas or areas which are not treated with municipal water systems. It is recommended that no surface waters be consumed without adequate microbiological treatment, regardless of how the water is tested.

Excalibur Water Systems Ultraviolet Disinfection Sterilizers protect your family from harmful bacteria.





### Premium Ultraviolet System



#### System Benefits

The Excalibur Water Systems Premium UV Systems with flow rates 8gpm to 13gpm at 40,000 mj, is completely assembled ready for installation. The Premium mini rack systems consist of sediment filtration or sediment and taste, odour and volatile chemical filtration, stainless steel tubing, connectors and ultraviolet sterilizer. Assembled on a wall mounted bracket for easy installation and service with a 3/4" or 1" inlet/outlet.

#### Features

- Equipped to inactivate microorganisms and parasites such as Cryptosporidium and Giardia, harmful bacteria like E. Coli, coliform and viruses not visible to the naked eye
- Easy to maintain and service with easy lamp and cartridge replacement and quick disconnect fittings
- UV lamp can be changed without interrupting the water flow and comes equipped with a connector that allows for easy removal of the lamp without any special tools
- Built with a durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation
- Equipped with a 5-micron sediment pre-filter to reduce particles in the water
- Includes a 5-micron acid-washed coconut shell carbon block filter to reduce taste, odour and volatile chemicals
- High flow polypropylene filter housings with 3/4" or 1" full flow connections, available in either 10" or 20" versions
- Solid steel powder coated mounting bracket, compact design and easy to install
- High flow rates
- Environmentally friendly
- No harmful chemicals
- Long life coated Ultraviolet lamps
- Passivated and polished stainless steel chambers
- Electronic ballast controller includes both visual and audio lamp failure alarms
- 99.9999% destruction of bacteria, virus and protozoan cysts (Giardia Lamblia and Cyryptosporidium)
- 3 year warranty except consumables
- Product certified by CSA and CE
- True lamp current closed loop current control
- Annual lamp change timer
- Domed quartz sleeve for easy service
- No tools required for regular servicing
- Optional Solenoid Valve
- Optional intensity Ultraviolet Monitor

## Excalibur Ultraviolet Sterilizers Features & Benefits

---

### Optimum Series Ultraviolet System



#### System Benefits

The Excalibur Water Systems Optimum Series has a total of 9 models with flow rates from 8gpm to 32gpm to choose from. Excalibur Water Systems Ultraviolet Sterilizers provide high flow rates on point of entry ultraviolet systems. Excalibur Water Systems Optimum Series has you covered.

The Excalibur Water Systems Optimum Series Ultraviolet power sources are used with all single lamp water disinfection products.

We believe that the Optimum Series is the most advanced Ultraviolet power source available anywhere. Lamp current is constantly controlled regardless of the AC line voltage variations.

Excalibur Water Systems Optimum Series have been designed for homes and cottages producing high quality, bacteria free water.

#### Features

- High flow rates
- Environmentally friendly
- No harmful chemicals
- Long life coated Ultraviolet lamps
- Passivated and polished stainless steel chambers
- Electronic ballast controller includes both visual and audio lamp failure alarms
- 99.9999% destruction of bacteria, virus and protozoan cysts (Giardia Lamblia and Cyryptosporidium)
- 3 year warranty except consumables
- Product certified by CSA and CE
- True lamp current closed loop current control
- Annual lamp change timer
- Domed quartz sleeve for easy service



### Ultraviolet Ultimate Series / NSF/ANSI 55 Class "A"



#### System Benefits

With flow rates ranging from 8gpm to 20gpm, the NSF 55 certified series is suitable for use in homes and cottages as well as small commercial and industrial installations. This product uses a proprietary extended cold spot lamp design along with an active temperature controlled cold spot cooling fan, resulting in improved lamp output maintenance during stagnant hot water conditions. The micro-processor controlled UV power source has both audio and visual alarm indicators to validate lamp operation and an integral annual lamp change reminder timer. The UV display indicates actual dose in  $\text{mj}/\text{cm}^2$  at rated flow.

#### Features

- Dynamic Flow Regulator
- Isolated Solenoid Drive
- Cold Spot Fan
- Lamp up to 112 watts
- AC Supply Voltage up to 240V 47-63Hz
- Annual Lamp Change Timer
- Lamp Change Grace Period 28 days
- Reactor Chamber Material 304SS
- Maximum Operating Pressure 100psi (6.9bar)
- Maximum Ambient Temperature 40C (104F)
- Water Temperature Range 4 - 25C (40 - 77F)
- Lamp Service Life 9000hrs
- Inlet/Outlet 3/4" or 1"





EXCALIBUR WATER SYSTEMS INC.

T. 1-877-733-8999 E. [contact@excaliburwater.com](mailto:contact@excaliburwater.com)

[www.excaliburwater.com](http://www.excaliburwater.com)



Scan the QR  
Code for more information  
on our unlimited warranty

**Authorized Dealer:**