

Excalibur Ultraviolet Sterilizers

Choose Bacteria-free Water



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 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 transferred through your water.

Healthy, bacteria-free living for your family.





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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, 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 micro-organisms 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



Excalibur **Ultraviolet Sterilizers** ♦ Features & Benefits



ULTRAVIOLET ULTIMATE SERIES

System Benefits:

The Excalibur Water Systems Ultimate 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 Ultimate Series has you covered.

The Excalibur Water Systems Ultimate Series Ultraviolet power sources are used with all single lamp water disinfection products. We believe that the ultimate 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 Ultimate 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 Cryptosporidium)
- ♦ 3 year warranty on stainless steel chamber
- ♦ 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



Clean, clear, safe water.



Optional Features & Benefits

ULTIMATE SERIES ULTRAVIOLET POWER SOURCE/INTENSITY MONITOR

The Excalibur Water Systems Ultimate Series ultraviolet power sources with integrated ultraviolet intensity detection can be used with all single lamp Excalibur Ultimate Series water disinfection products.

ADVANCED ULTRAVIOLET DETECTION SYSTEM

This detection system was designed to minimize nuisance alarms that have plagued many of the earlier attempts by other manufacturers to implement electronic ballasts with ultraviolet intensity monitors.

TWO DIGIT ULTRAVIOLET LEVEL DISPLAY

As well as indicating the ultraviolet intensity level in percent, the display will indicate the number of months of lamp life remaining when the timer button is depressed. The display indicates a discrete error code if there is a malfunction of the power source or detector system to aid with diagnostics and resolution of any performance issues.



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