



Canadian Manufacturer

# EXCALIBUR - SIGNATURE SERIES OPTIMUM ULTRAVIOLET SYSTEM



Quality through innovation





## Signature Series Optimum Ultraviolet System

The **Signature Series Optimum Ultraviolet System** from Excalibur Water Systems offers the convenience of an all-in-one package, making installation a simple "in & out" connection. The system can be installed on the home's main water line at the point-of-entry, treating all the water coming into the house. Designed to treat flow rates of 8 - 15 GPM, this axial flow and rack system offers the quality, flexibility and convenience you require for all your residential applications.



UV Concierge  
Available for WEB,  
iOS, and Android



Filter Housing  
Drain Plug



99.9999% Contaminant  
Removal



Carbon  
Filter

\*excluding consumables



Chemical-Free  
Process



Durable, Long-lasting  
coated UV lamps w/  
ceramic bases



Systems feature one-piece,  
2-sump filter heads for a  
leak-free design




Universal Mounting  
Configuration

Part #	Display	Flow Rate	Controller Dimensions L x W x H (in)
UVS 8GPMT220LP	4 Colour Display	8 GPM	6.8 x 3.6 x 4
UVS 8GPMT220L	LED Screen	8 GPM	6.8 x 3.6 x 4
UVS 15GPMT220LP	4 Colour Display	15 GPM	8.6 x 4.2 x 4
UVS 15GPMT220L	LED Screen	15 GPM	8.6 x 4.2 x 4

## How Ultraviolet Disinfection Works:

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!

## Additional Features:

- Effectively treat flow rates of 8 - 15 GPM
- 99.9999% destruction of bacteria, virus (E.coli and Coliform) and protozoan cysts (Giardia Lamblia and Cryptosporidium)
- LED or 4-Colour display models available
- Controller with Lightlock technology
- Universal mounting configuration
- Systems feature one-piece, 2-sump filter heads for a leak-free design
- UV Concierge iOS, Android & WEB app available
- "Future-proof" expandability port for future upgrades and options
- Reliable, industry-proven, coated UV lamps with ceramic bases for durability and long life
- 5-micron sediment & 5-micron carbon filtration with a 1" filter housing for easy installation and removal.
- Removable cap for easy drainage
- This system is  certified.



## Removable Cap



## Replacement Parts

Part #	Part Name	Compatible Systems
UVS EXW-L420	UV Lamp	UVS 8GPMT220L, UVS 8GPMT220LP
UVS EXW-Q420	UV Sleeve	UVS 8GPMT220L, UVS 8GPMT220LP, UVS 15GPMT220L, UVS 15GPMT220LP
UVS EXWL420HO	UV Lamp High Output	UVS 15GPMT220L, UVS 15GPMT220LP
UVS RCB401	Ballast	UVS 8GPMT220L, UVS 15GPMT220L
UVS 260004	Power Cord	UVS 8GPMT220L, UVS 8GPMT220LP, UVS 15GPMT220L, UVS 15GPMT220LP
UVS 300038	O-Ring	UVS 8GPMT220L, UVS 8GPMT220LP, UVS 15GPMT220L, UVS 15GPMT220LP
SMF PP10B05	Sediment Filter	UVS 8GPMT220L, UVS 8GPMT220LP
SMF CBC20B05	Carbon Block	UVS 8GPMT220L, UVS 8GPMT220LP, UVS 15GPMT220L, UVS 15GPMT220LP
SMF PP20B05	20" Sediment Filter	UVS 15GPMT220L, UVS 15GPMT220LP
UVS RCB5601	Ballast Colour Screen	UVS 8GPMT220L, UVS 15GPMT220L



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