



## Hydro Guard™ - U2000-UF ULTRAFILTRATION

Under Counter Water Filtration System

### Hydro Guard™ Total Care Water Systems

are high performance water filtration systems designed to substantially improve the quality of your drinking water. They provide great tasting water while producing water that is cleaner, healthier and safer. They transform your water from questionable to premiere quality with minimal maintenance and offer you the peace of mind you and your family deserve.

### Hydro Guard™ Total Care Water Filtration Systems

address a broad range of issues relating to your drinking water like taste, odor, chlorine and most importantly, items of health concern that are paramount to your health and wellbeing.

### The Hydro Guard™ U2000-UF

incorporates a multi-stage water filtration cartridges designed to provide you with 800 gallons of premium quality drinking water for pennies per day. Hydro Guard™ has enhanced and combined proven filtration technologies to provide you with a product that will give you premium quality water.

### CARTRIDGE 1 - HDG-SED5

The HDG-SED5 prefilter is a specially manufactured high performance sediment filters designed to provide high dirt holding capacity, reduce sediment and rust particles and extend the life of additional filters. Its micro-fine web design traps more particles and helps keep other filters in the filtration system working at optimal performance.

### CARTRIDGE 2 - HDG-UF

#### Stage 1 –

Hydro Guard's radial flow filtration allows water to enter the cartridge through the radius of the filter allowing the filters outer layer to trap and retain larger particles such as dirt, rust and sediment. The FDA CFR 21 compliant fine web polypropylene fibers do not impart color, odor or chemicals into the water and are an ideal pre-filtration media.

#### Stage 2 –

After water passes through the outer layer it then enters and passes through the NSF Certified Coconut Shell Solid Carbon Block filter to reduce items of health concern. The carbon block micro-strain the water through its 0.5 micron pores to trap micro-organisms and cysts. The carbon blocks Chemisorptive process also allows it to effectively reduces Volatile Organic Compounds (VOC's), PCB's, Certain Heavy metals such as Lead, Pesticides, Herbicides, Chloroform and other chlorination by-products.

#### Stage 3 –

In the final filtration process water passes through an array of sophisticated 0.01 - 0.1µ Ultra Filtration (UF) hollow fibers for the effective removal of Bacteria, Viruses and Cysts. Suspended particles and materials of high molecular weight are unable to pass through the 0.01- 0.1 micron UF ultrafiltration membrane, allowing only fresh clean water and dissolved minerals to pass through.

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**The Hydro Guard™ U2000-UF** also incorporates throughout the solid carbon filter Microban® technology. Microban® antimicrobial technology inhibits the growth of bacteria that can cause odors and fouling of the filter surface, so your filter keeps working at peak performance. On an unprotected surface, bacteria can double in number every 20 minutes causing premature fouling of the water filter. Microban® antimicrobial product protection works continuously to inhibit the growth of bacteria that can adversely affect filter performance.

### HYDRO GUARD™ End of Life Indicator (ELI)

**The Hydro Guard™ End of Life Indicator (ELI)** is another way Hydro Guard™ helps you safeguard your drinking water. The ELI measures time and informs you when it's time to change your filter. This is an added convenience which takes away the guess work and helps ensure your drinking water system is working at optimal performance. Two LED lights update you on the systems operation. The **YELLOW LED** indicates less than 10% of filter capacity remains (*it's time to order a replacement cartridge*), and the **RED LED** indicates the filter capacity has been reached, and it's time to install new cartridge.  
**Peace of mind made easy!**



HYDRO GUARD™ WATER SCIENCES | PO Box 2235 Chino Hills, CA 91709, USA

### PRODUCT BENEFITS

- ✓ 0.1µ Filtration
- ✓ Excellent Contaminant Reduction
- ✓ Superior Taste, Odor and Chlorine Reduction
- ✓ Lead, Cyst and VOC Reduction
- ✓ 800 Gallon Capacity
- ✓ Bacterial Removal
- ✓ End of Life Indicator (ELI - Filter Change Indicator)
- ✓ Carbon Block Certified by NSF®
- ✓ Quick & Easy Install
- ✓ Microban® Antimicrobial Protection

### PRODUCT SPECIFICATIONS

<b>Rated Capacity:</b>	800 gallons (3028.33 L)
<b>Micron Rating:</b>	0.1µ
<b>Replacement Filter:</b>	HDG-SED5, HDG-UF
<b>Flow Rate:</b>	.75 GPM (2.84 LPM) @ 60psi
<b>Maximum Working Pressure:</b>	100 psig (689.5 kPa)
<b>Minimum Working Pressure:</b>	30 psig (206.8 kPa)
<b>Maximum Operating Temperature:</b>	100 °F (38 °C)
<b>Minimum Operating Temperature:</b>	34 °F (1 °C)

*NOTICE: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.*

### COLORS AVAILABLE



**U2000-W-UF**  
WHITE

**U2000-B-UF**  
BLACK

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