

# Hydro Guard™ - U2000-MCB

## Microban® CARBON BLOCK

Under Counter Water Filtration System

**Hydro Guard™ Total Care Water Systems** are top of the line, high performance water filtration systems designed to substantially improve the quality of your drinking water and address a broad range of issues of health concern.

**The Hydro Guard™ U2000-MCB** incorporates two multi-stage water filtration cartridges designed to provide you with 800 gallons of cleaner, clearer, safer, healthier drinking water. With minimal maintenance you will have premium quality water at your fingertips, 24 hours a day, 7 days a week all, year long!

### CARTRIDGE 1 - HDG-SED5

The HDG-SED5 prefilter is a specially manufactured high performance 5 $\mu$  sediment filter designed for high dirt holding capacity, sediment and rust particle reduction which helps 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-MCB

#### Stage 1 –

Hydro Guard's Radial Flow Filtration allows water to enter the cartridge through the radius of the filter. This allows the outer layer to trap and retain particulate matter 1 $\mu$  in size or larger. The FDA CFR 21 compliant fine web polypropylene fibers do not impart color, odor or chemicals into the water and offer exceptional performance.

#### Stage 2 –

Water passes through the NSF Certified Coconut Shell Solid Carbon Block filter to reduce items of health concern. The 0.5 micron carbon block pores micro-strains the water to reduce (through mechanical filtration) substances in your water that are 0.5 micron in size or larger. The 0.5 micron pores also aid to increase the systems adsorptive properties. This allows water to have a longer contact time with the carbon wall and permits the efficient reduction of Volatile Organic Compounds (VOC's), PCB, Pesticides, Herbicides, Chloroform and other chlorination by-products.

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**Total Care™**  
Filtration



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**The Hydro Guard™ U2000-MCB** 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!**



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### PRODUCT BENEFITS

- ✓ Excellent Contaminant Reduction
- ✓ Superior Taste, Odor and Chlorine Reduction
- ✓ 800 Gallon Capacity
- ✓ End of Life Indicator (ELI - Filter Change Indicator)
- ✓ VOC, Pesticide, Herbicide Reduction
- ✓ 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>	0.5μ
<b>Replacement Filter:</b>	HDG-SED5, HDG-MCB
<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



**HDG-U2000-MCB**  
WHITE

Distributed by:

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