



## Hydro Guard™ - U3000-MCB Microban® CARBON BLOCK 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 and not just make your water clearer or simply taste better. The Hydro Guard™ Total Care Water Filtration Systems are designed to address a broad range of issues relating to your drinking water, including items of health concern that are important to your family's health and wellbeing.

**The Hydro Guard™ U3000-MCB** incorporates three multi-stage water filtration cartridges designed to provide you with 1000 gallons of cleaner, clearer, safer, healthier premium drinking water.

### CARTRIDGE 1 - HDG-SED5

The HDG-SED5 prefilter is a specially manufactured high performance sediment filters designed to give you high dirt holding capacity and reduce fine sediment and rust particles. 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 additional dirt, rust and sediment particles. 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 -

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.

### CARTRIDGE 3 - HDG-CB5P

The final stage is the exclusive Hydro Guard HDG-CB5P filter which has been specially designed with premium Coconut Shell Carbon as a final polishing cartridge to improve taste and render a pleasant bottled water like taste to your drinking water.



**Total Care™  
Filtration**

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# Hydro Guard™ - U3000-MCB

## Microban® CARBON BLOCK

Under Counter Water Filtration System



**The Hydro Guard™ U3000-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.



### PRODUCT BENEFITS

- ✓ Excellent Contaminant Reduction \*\*
- ✓ Superior Taste, Odor and Chlorine Reduction\*\*
- ✓ 1,000 Gallon Capacity\*\*
- ✓ VOC, Pesticide, Herbicide Reduction\*\*
- ✓ Carbon Block Certified by NSF®
- ✓ Quick & Easy Install
- ✓ Microban® Antimicrobial Protection

### PRODUCT SPECIFICATIONS

<b>Rated Capacity:</b>	1000 gallons (3785.41 L)
<b>Micron Rating:</b>	0.5µ
<b>Replacement Filter:</b>	HDG-SED5 HDG-MCB HDG-CB5P
<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.*

*\* NSF Standard 53 Certification Pending.*

*\*\* This water filtration device has not finalized certification with NSF International and has not been approved by the California Water Resource Control Board, therefore, it is not available for sale in the State of California for the contaminant reduction claims listed.*



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