



# Hydro Guard™ - U4000-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. 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™ U4000-MCB** incorporates four multi-stage water filtration cartridges designed to provide you 1,200 gallons of cleaner, clearer, safer, healthier drinking water.

#### PRODUCT BENEFITS

- ✓ Excellent Contaminant Reduction\*\*
- ✓ Superior Taste, Odor and Chlorine Reduction\*\*
- ✓ 1,200 Gallon Capacity\*\*
- ✓ VOC, Pesticide, Herbicide Reduction\*\*
- ✓ Carbon Block Certified by NSF®
- ✓ Quick & Easy Install
- ✓ Microban® Antimicrobial Protection

#### PRODUCT SPECIFICATIONS

<b>Rated Capacity:</b>	1200 gallons (4542.50 L)
<b>Micron Rating:</b>	0.5µ
<b>Replacement Filter:</b>	HDG-SED5 HDG-MCB HDG-SIL 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.*

**Total Care™  
Filtration**

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### CARTRIDGE 1 - HDG-SED5

The HDG-SED5 prefilter is a specially manufactured high performance sediment filter designed to give you high dirt holding capacity, reduce sediment and rust particles and extend the life of additional filters. Its micro-fine web design traps 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 additional particulate matter. 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 – Organic Chemicals), PCB, Pesticides, Herbicides, Chloroform and other chlorination by-products.

### CARTRIDGE 3 - HDG-SIL

The HexoSoft Media Filter cartridge is designed to provide crystal clear drinking water and aids in the prevention of limescale growth at the faucet. It also aids to improve taste and odor in your drinking water which results in better tasting, better brewed coffee; better tasting tea; and better tasting mixed beverages.

### CARTRIDGE 4 – HDG-CB5P

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



**The Hydro Guard™ U4000-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.



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