

HARMSCO®

WaterBetter® Carbon Block Cartridges

Coconut Shell Carbon

High Chlorine Reduction

Carbon block cartridges for taste, odor and chlorine reduction



COMPONENT

Models are tested and Certified by NSF International against NSF/ANSI Standard 42 for materials requirements only

- High chlorine reduction
- No channeling or bypass
- Low initial pressure drop
- Excellent contaminant reduction
- No release of carbon fines
- High dirt holding capacity
- Long cartridge life

Features

- ▶ 100% coconut shell carbon
- ▶ Radial flow design
- ▶ 10 micron filtration
- ▶ FDA approved components
- ▶ Made with unique binders
- ▶ High porosity design
- ▶ Available in a variety of sizes and flow rates



Applications

- ▶ Drinking Water
- ▶ Marine/Aquatic Filtration
- ▶ Food & Beverage Filtration
- ▶ Industrial Water Filtration
- ▶ Reverse Osmosis Pre-filtration
- ▶ Point of Entry Residential Filtration
- ▶ Point of Use Residential Filtration
- ▶ Water Bottling Filtration
- ▶ Science/Laboratory
- ▶ Photo Chemical Plating Solutions



HARMSCO® Filtration Products



WaterBetter® Carbon Block Cartridges

Specifications

- ▶ **Carbon:** coconut shell PAC
- ▶ **End caps:** Polypropylene
- ▶ **Inner/Outer Wraps:** Polypropylene
- ▶ **Nettings:** Polyethylene
- ▶ **Gaskets:** NBR
- ▶ **Temperature Rating:** 40°F (4°C) to 180°F (82°C)

Performance - Performance claims are based on independent lab results and manufacturer's internal test data. Actual performance is dependent on influent water quality, flow rates, system design and applications. Your results may vary. Performance data has not been tested or validated by NSF.

Micron Ratings - Micron ratings are based on 85% or greater removal of the stated nominal micron rating.

Capacity - Estimated capacity based on using 2 ppm free chlorine with greater than 90% reduction.

Cartridges (new) - Flush new cartridges until water runs clear prior to use.



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Cartridge Selection/Sizing Guide

2-3/4" and 4-1/2" O.D.

| Product Code | Nominal Micron Rating | Chlorine, Taste, Odor Reduction Capacity @ Flow (GPM) | Chlorine, Taste, Odor Reduction Capacity @ Flow (LPM) | Initial Pressure Drop (psi) @ Flow Rate (gpm) | Initial Pressure Drop (bar) @ Flow Rate (lpm) | Length (in) | O.D. (in) |
|--------------|-----------------------|---|---|---|---|-------------|-----------|
| WBCB-975 | 10 | > 8,000 gallons @ 1 gpm | > 30,000 liters @ 3.8 lpm | 2.6 psi @ 1 gpm | .18 bar @ 3.8 lpm | 9-3/4 | 2-3/4 |
| WBCB-20 | 10 | > 16,000 gallons @ 2 gpm | > 60,000 liters @ 7.6 lpm | 2.6 psi @ 2 gpm | .18 bar @ 7.6 lpm | 20 | 2-3/4 |
| WBCB-BB-975 | 10 | > 16,000 gallons @ 3 gpm | > 60,000 liters @ 11.4 lpm | 4.0 psi @ 3 gpm | .28 bar @ 11.4 lpm | 9-3/4 | 4-1/2 |
| WBCB-BB-20 | 10 | > 34,000 gallons @ 7 gpm | > 129,000 liters @ 26.5 lpm | 6.0 psi @ 7 gpm | .41 bar @ 26.6 lpm | 20 | 4-1/2 |

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

WaterBetter® Carbon Block Cartridges

Filtration is made easy combining WaterBetter® carbon block cartridges with Harmsco's HIF, WB and FSSS filter housings.



Note: This publication is to be used as a guide. The data within has been obtained from many sources and is considered to be accurate. Harmsco does not assume liability for the accuracy and/or completeness of this data. Changes to the data can be made without notification. Temperature, Pressure, Flow Rates, Differential Pressures, Chemical Combinations and other unknown factors can affect performance in unknown ways. **Limited Warranty:** Harmsco warrants their products to be free of material and workmanship defects. Determination of suitability of Harmsco products for uses and applications contemplated by Buyer shall be the sole responsibility of Buyer. The end user/installer/buyer shall be liable for the product's performance and suitability regarding their specific intended applications. End users should perform their own tests to determine suitability for each application.



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