

HARMSCO®

HAC

Premium Carbon Cartridges

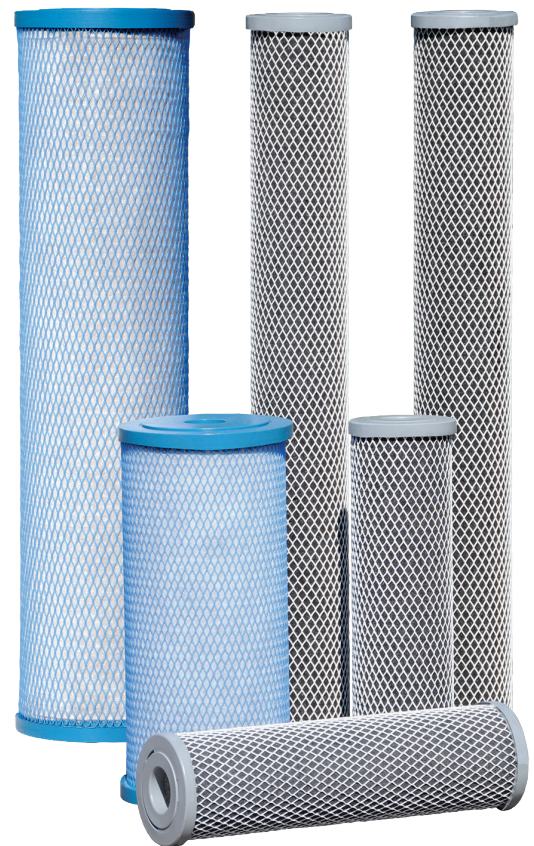
Activated Carbon

Dual-stage Carbon Cartridges for Taste, Odor, and Chlorine Reduction

High chlorine reduction
Low initial pressure drop
Increased contaminant removal
No release of carbon fines
High dirt holding capacity
No channeling or bypass

Features

- ▶ 100% coconut shell carbon
- ▶ Made from polyolefin filter media
- ▶ Dual stage depth filtration
- ▶ Heat fused inner layer
- ▶ 5-micron nominal filtration
- ▶ FDA approved components
- ▶ Radial flow design
- ▶ Available in a variety of sizes and flow rates
- ▶ NSF/ANSI Standard 42



Applications

- ▶ Commercial Drinking Water
- ▶ Marine/Aquatic Filtration
- ▶ Food & Beverage Filtration
- ▶ Industrial Water Filtration
- ▶ Point of Entry Residential Filtration
- ▶ Reverse Osmosis Pre-filtration
- ▶ Water Bottling Filtration
- ▶ Science/Laboratory



HARMSCO® Filtration Products



Made in USA

Premium Carbon Cartridges

Specifications

- ▶ **Filter Media:** Composite of pulverized activated carbon and polyolefin fibers bonded together with wet molding process and thermally bonded to eliminate channeling and media migration.
- ▶ **Temperature Limit:** 160°F (71°C)
- ▶ **Micron Rating:** 5 Nominal
- ▶ **End Caps:** Plastisol

Cartridge Selection/Sizing Guide

2-3/4 and 4-1/2" O.D. 9-3/4" - 40" Premium Carbon Cartridges

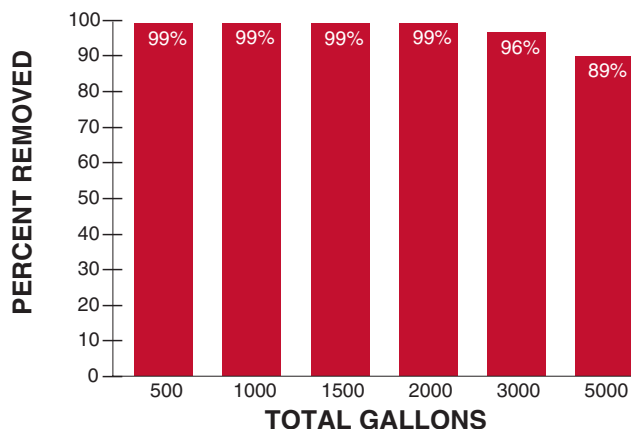
Product Code	Max Flow Rate (GPM)	Max Flow Rate (LPM)	Max Capacity Chlorine (Gals.)	Max Capacity Organic Chemicals	Length (in.)	O.D. (in.)
HAC-10-W	1.5	5.7	5,000	500	9-3/4	2-3/4
HAC-20-W	3	11.3	10,000	1,000	20	2-3/4
HAC-30-W	4.5	17	15,000	1,500	30	2-3/4
HAC-40-W	6	22.7	20,000	2,000	40	2-3/4
HAC-BB-10-W	5	18.9	20,000	1,000	9-3/4	4-1/2
HAC-BB-20-W	10	37.8	40,000	2,000	20	4-1/2

Note: Test data shown above is for HAC-10-W cartridge. Results may vary depending on water chemistry and other factors.

Superior Performance

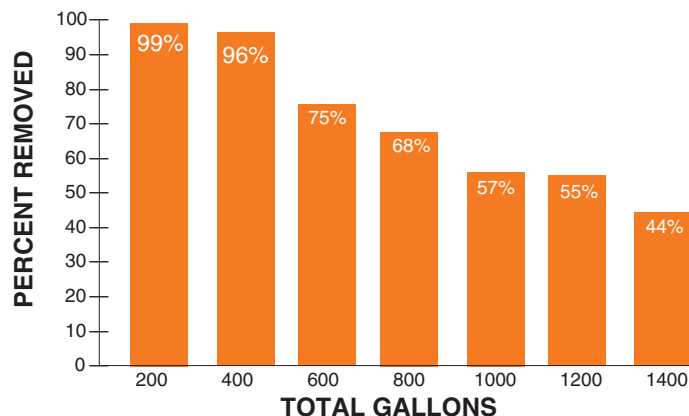
Harmsco's activated carbon cartridges outperform "canister" and "impregnated" types of cartridges due to their increased carbon content, cellulose-free construction, wet molding process and dual-stage construction. They have been tested by a certified national laboratory using test procedures described in NSF Standards 42 and 53. Test results are shown below:

Chlorine Removal



Test data generated by independent laboratory at 1 gpm using test procedures described in NSF Standard 42. Average chlorine feed at 2 ppm.

Organic Chemical Removal



Test data generated by independent laboratory at 1 gpm using test procedures described in NSF Standard 53. TCE used as test contaminate at average feed of 300 ppb.

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.



HARMSCO® Filtration Products

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