

# HARMSCO®

## Premium Hurricane® Carbon Cartridges

DBP Tested

**Designed for Hurricane® and WaterBetter® filter housings.**

**Activated Carbon cartridges for Hurricane® and WaterBetter® filter housings - featuring 5 micron nominal pre-filtration. The industry's largest carbon block cartridge.**

- **High chlorine removal**
- High THMs removal**
- Longer filter runs for fewer change-outs**
- Lower initial pressure drops**
- Reduced maintenance down time and cost**
- Increased contaminant removal**
  - taste, odors, DBPs
- Easy to install and clean**

### Features

- ▶ High performance extruded activated carbon block technology
- ▶ Integrated 5 micron pleated pre-filter for extended life
- ▶ Three sizes for greater media surface area
- ▶ Low initial pressure drop compared to granular activated carbon (no channeling)
- ▶ Patented Dual Durometer end caps to ensure better sealing
- ▶ Engineered media for superior performance
- ▶ Cleanable and reusable in most applications
- ▶ DBP Tested



Cut-away view



### Applications

- ▶ Commercial/Residential Drinking Water Filtration
- ▶ Reverse Osmosis Pre-filtration
- ▶ Water Bottling Filtration
- ▶ Point of entry for the dwelling
- ▶ Industrial Waste Water Treatment
- ▶ Environmental Filtration
- ▶ Industrial/Commercial Process Water

# Premium Hurricane® Carbon Cartridges

## Specifications

- ▶ **Carbon:** high performance extruded activated carbon block
- ▶ **Outer layer:** 5 micron nominal pleated Polyester-Plus™ media
- ▶ **Center tubes:** PVC, rigid and perforated
- ▶ **End caps:** Plastisol (pliable PVC) Dual Durometer
- ▶ **Directional flow:** radial (outside to in) for low pressure drop
- ▶ **Temperature:** rated to 125°F (52°C)

## Cartridge Selection/Sizing Guide

40 90 170

### 7-3/4" O.D. Hurricane® Carbon Cartridges

Cartridge Length

9-5/8"  
19-1/2"  
30-3/4"

Product Code	Nominal Micron Rating	Media (sq.ft.)	Recommended Flow Rate (GPM)	Min. Carbon Content** (lbs)	Capacity**	Chlorine Reduction*	THMs Reduction
HC/40-AC-5	5	25	5	3	90,000 gals	90-95% at 5 gpm	95-98% at 5 gpm
HC/90-AC-5	5	55	10	6.25	180,000 gals	90-95% at 10 gpm	95-98% at 10 gpm
HC/170-AC-5	5	90	15	10	270,000 gals	90-95% at 15 gpm	95-98% at 15 gpm

Not recommended for drinking water applications where water is not micro-biologically safe.

\*Results may vary and are based on flow and other factors. \*\*Approximate.

Note: As with any fluid application involving carbon media, "slower is better." As a result, Harmsco, Inc. recommends limiting flow rates to allow for effective contact time. The above listed data, based on 2 PPM chlorine feed, indicates potential chlorine reduction for a volume of chlorinated water at given flow rates.

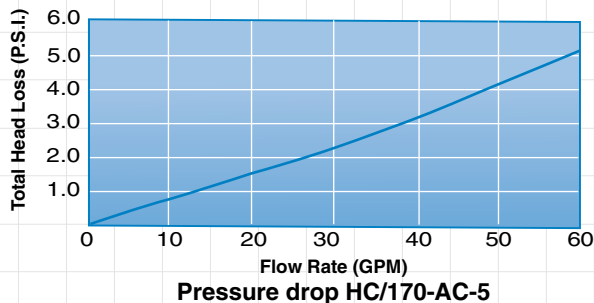


Performance of carbon block core validated by the U.S. EPA

Each cartridge individually shrink wrapped and boxed for protection.

High carbon content for extended performance. Outer layer of pleated 5 micron Polyester-Plus™ filter media to protect the carbon by removing sediment and extend filter life.

## Pressure Drop

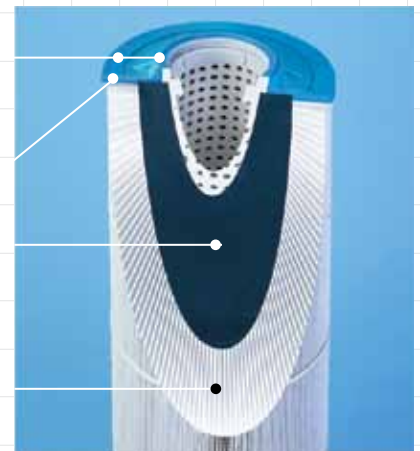


Dual Durometer End Cap

Plastisol

Carbon

5 Micron Media



Cut-away view

**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.