

# HARMSCO®

# WB5x

## 5x170FL WaterBetter® Filter Housing

High Capacity Design

### Lower Operation Cost

- High flow capability
- Lower overall operating cost
- Reduced waste disposal
- Longer filter runs for fewer change-outs
- Increased contaminant removal
- Operator friendly

### Features

- ▶ Patented up-flow design
- ▶ Convenient 5 jumbo-cartridge cluster design
- ▶ Fail safe lids with individual studs
- ▶ Rated for pressures to 125 PSI
- ▶ Rated for temperatures to 140°F (60°C)
- ▶ Electropolished 304 stainless steel housing with CPVC standpipes
- ▶ Minimal pressure drop with Harmsco® cartridges due to pleated design and increased filter area



WB 5x170FL

### Applications

- ▶ Commercial/Residential Drinking Water
- ▶ Cooling Tower Filtration
- ▶ Desalination Pre-filtration (coated option)
- ▶ Surface Water Treatment Rule (SWTR) LT2
- ▶ Industrial Waste Water Treatment
- ▶ Reverse Osmosis Pre-filtration
- ▶ Ground Water Remediation
- ▶ Utility Water
- ▶ Ground Water Under Direct Influence (GUDI)



**HARMSCO® Filtration Products**



Made in USA

## Cartridge Sizing Guide

Cartridges available in the following media:

### Polyester-Plus™, Harmsco-Free, SureSafe™, EZ Clean, Poly-Mesh

Filter Model	NO. of Cartridges	Pleated Media Area (sq.ft.)	Length (in.)	O.D. (in.)	Recommended Flow Rate* (GPM)	Max Flow Rate (GPM)	Max Flow Rate (LPM)	Max Flow Rate (M <sup>3</sup> /HR)
WB 5x170FL	5	850	30-3/4	7-3/4	525	750	2,839	170

### Poly-Pleat™

WB 5x170FL	5	500	30-3/4	7-3/4	250*	-	-	-
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\* recommended for 2 log removal

### All-Poly

WB 5x170FL	5	375	30-3/4	7-3/4	300**	500	380	180
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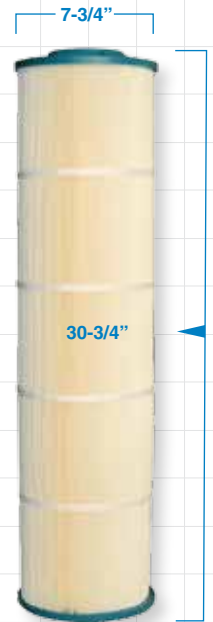
\*\* based on 1, 5, 10, 20 and 50 micron ratings

### Carbon Block

WB 5x170FL	5	450	30-3/4	7-3/4	75***	-	-	-
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\*\*\* recommended flow for maximum chlorine removal

Flow rates shown above are for guidelines only. Actual flow rates are based on cartridge type, micron rating, viscosity, solids content and various other factors. For complete flow and pressure and pressure drop information, please refer to your cartridge manufacturer guidelines.



**Hurricane® Cartridge**  
Length and O.D.

## Ordering Information

Filter Model	Height	Width	Diameter	Inlet	Outlet	Pipe Size I/O NPS	Drain Size NPT	Floor Space	Service Height	Shipping Wt. Lbs.
WB 5x170FL	46"	26"	26"	5"	5"	4" Flange	1-1/2"	28"x28"	85"	260

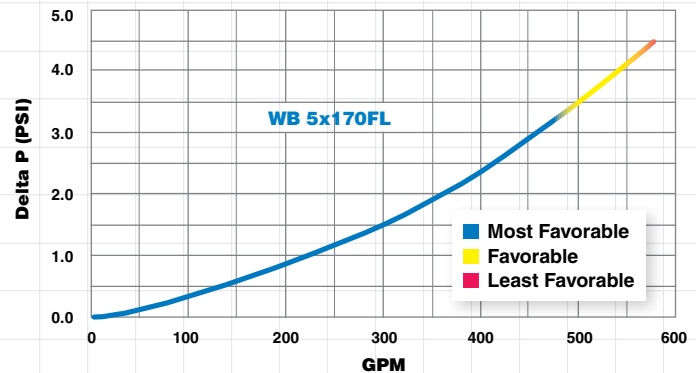
## Filter Specifications

- ▶ Electropolished 304 stainless steel
- ▶ Standpipes - CPVC standard
- ▶ Inlet/Outlet - 4" flanged standard
- ▶ O-ring housing seal - Buna-N standard, EPDM, Viton optional
- ▶ Pressure - Up to 125 psi (8.6 bar) max.
- ▶ Temperature - Up to 140°F (60°C)

## Pressure Drop

### Pressure Drop vs. Flow Rate

The total head loss data shown indicates pressure drop with WB 5x170FL WaterBetter® filter housing and 20-micron filter cartridges in clean water.



For additional information, please refer to the "Installation & Operation Manual" for WB 5x170FL WaterBetter® 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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