

# HARMSCO®

# Hurricane® Swing Bolt Housings

# SBHF

High Flow Series

## Up to 20% Lower Operation Costs

- Harmsco® Hurricane® Swing Bolt filter housings provide unsurpassed performance. Their unique design separates dense solids prior to cartridge filtration for extended filter life, increased dirt holding capacity and reduced maintenance costs.



Certified to  
NSF/ANSI Standard 61

## Features

- ▶ Patented Up-flow Design
- ▶ NSF/ANSI Standard 61 listed
- ▶ Matte finish - standard
- ▶ "Swing Bolt" closure system
- ▶ Combination cyclone separator and cartridge filter in a single compact design
- ▶ Manual hydraulic lid lift for ease of maintenance - various pump mounting options available
- ▶ 304 Stainless Steel housing and internal components - standard
- ▶ The industry's largest selection of cartridge options
- ▶ Built to ASME design standards
- ▶ 316L Stainless & Duplex Stainless Optional
- ▶ Flow rates up to 2,400 GPM

HUR 12x170FL

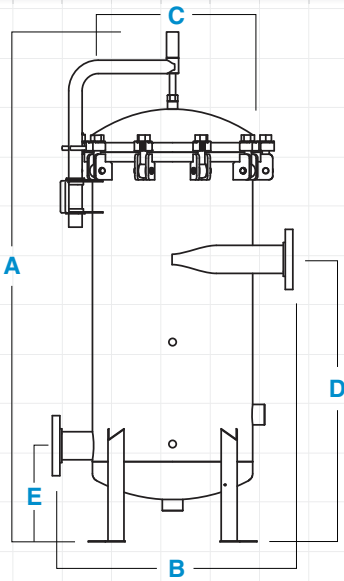


HUR 16x170FL

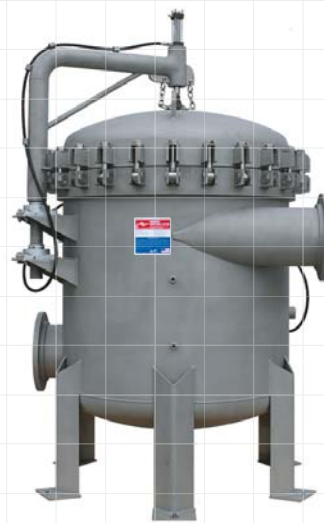


## Applications

- ▶ Municipal 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
- ▶ Ground Water Under Direct Influence (GUDI)



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HUR 12x170FL



HUR 16x170FL

## Ordering Information

Filter Model	A Filter Height	B Width	C Diameter	D Inlet	E Outlet	Pipe Size I/O NPS	Drain Size NPT	Floor Space	Service Height	Shipping Wt. (lbs.)
HUR 12x170FL	109-1/2"	59"	48"	55"	28-1/2"	10" Flange	2"	14.2 ft <sup>2</sup>	115-1/2"	3700
HUR 16x170FL	116-1/2"	66"	54"	58"	30-1/2"	12" Flange	2"	18.7 ft <sup>2</sup>	118-1/2"	4500

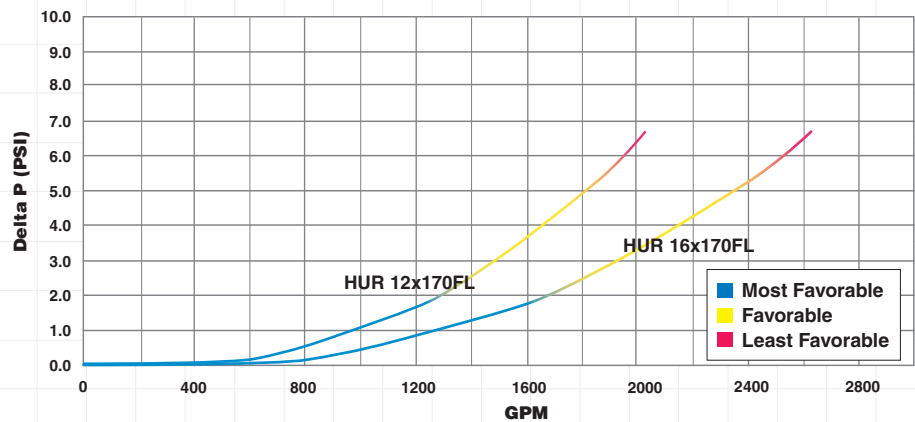
## Filter Specifications

- ▶ Matte finish
- ▶ Built to ASME design standards
- ▶ Standpipes - Stainless Steel
- ▶ Inlet/Outlet - flanged connections
- ▶ O-ring housing seal, swing-bolt closure
- ▶ Pressure - Up to 150 psi (10 bar) max.
- ▶ Temperature - Up to 140°F (60°C)\* with standard cartridges. \*Up to 200°F (93°C) with HT, and 250°F (121°C) with HTM high temperature cartridges.

## Pressure Drop

### Pressure Drop vs. Flow Rate

The total head loss data shown indicates pressure drop with Hurricane® Swing Bolt filter housings and 20-micron filter cartridges in clean water.



For additional information, please refer to the "Installation & Operation Manual" for Hurricane® Swing Bolt Filters.

**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.