

HARMSCO®

Hurricane®

New!

High performance Hurricane® cartridge filter housings deliver high flow filtration, with “swing bolt” closure.

FEATURES

- ▶ Patented Upflow Design
- ▶ Tangential entry
- ▶ Low carbon stainless steel housing construction
- ▶ “Swing Bolt” closure system
- ▶ Electro-polished finish
- ▶ Four sizes for greater media surface area
 - 170, 510, 850 and 1,360 sq. ft.
 - Poly-Pleat (100, 300, 500 and 800 sq. ft.)
- ▶ Extensive choice of micron ratings and media, including carbon block
- ▶ Combination cyclone separator and cartridge filter in a single compact design



SPECIFICATIONS

- ▶ O-ring housing seal, swing-bolt closure
- ▶ Standpipes - stainless steel
- ▶ Inlet/Outlet - flanged connections
- ▶ Temperature - Up to 140°F
- ▶ Pressure - Up to 150 psi max.
- ▶ Built to ASME design standards

Hurricane® housings use Genuine Harmsco® Hurricane® Cartridges

Model	Suggested Flow Rate (GPM)	Max Flow Rate* (GPM)	Max Flow Rate* (LPM)	Max Flow Rate* (M³/HR)	Media** (Sq.Ft.)	Pipe Size (I/O) (NPS)	Drain Size (NPT)	Filter Height	Floor Space/ Footprint	Service Height	Shipping Weight
HUR 1x170FL	105	150	568	34	170	2" flange	3/4"	47 1/2"	1.8 ft²	77"	150 lbs.
HUR 3x170FL	315	450	1,703	102	510	3" flange	1 1/2"	64"	3.7 ft²	98 1/2"	420 lbs.
HUR 5x170FL	525	750	2,839	170	850	4" flange	1 1/2"	75"	7.6 ft²	98 1/2"	1,100 lbs.
HUR 8x170FL	840	1200	4,542	272	1,360	6" flange	1 1/2"	80"	13 ft²	98 1/2"	1,600 lbs.

*Note: Lower flow rates and pressures result in longer cartridge life. Designing to 70-80% of maximum flow will increase overall performance.

**Based on Genuine Harmsco® Hurricane® Sediment Cartridges, see reverse side.

POLY-PLEAT™ Flow Rates on reverse side.



HARMSCO® Filtration Products

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NOTICE

All certifications/listings by internationally recognized organizations require the use of genuine Harmsco® replacement cartridges.

Replacement Cartridges For Hurricane® Filter Housings



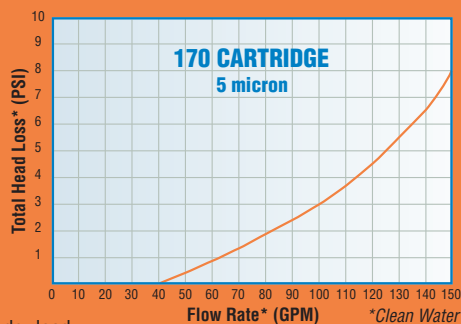
Certified to ANS-NSF 61

Pleated Polyester Sediment Cartridge



PLEATED SEDIMENT CARTRIDGES

Pleated Sediment Cartridges are rated for temperatures to 140°F (60°C). * **Polyester-Plus™** filter media is cleanable and cartridges are reusable in most applications and micron ratings. Cartridges can be used in liquids with a pH of 3 to 11. Cartridge dimensions: 30-3/4" x 7-3/4" (OD) x 3" (FPT). Packaged one per carton. Hurricane® cartridges are capable of 50 psi ΔP.



*Temperature and pressure ratings vary and depend on temperature, pressure and time under load.

Cartridge Product Code	Nominal Micron	Description	Ship Wt./Ctn (1 cartridge)	Cartridge Product Code	Nominal Micron	Description	Ship Wt./Ctn (1 cartridge)
HC/170-0.35	0.35	Pleated polyester media	10 lbs.	HC/170-AC-5	5	Carbon + 5-micron pre	17 lbs.
HC/170-1	1	Pleated polyester media	10 lbs.	HC/170-ACLR-5	5	Lead removal + 5-micron	17 lbs.
HC/170-5	5	Pleated polyester media	10 lbs.	HC/170-10HT	10	High temperature	10 lbs.
HC/170-10	10	Pleated polyester media	10 lbs.	HC/170-20-AM	20	Antimicrobial media	10 lbs.
HC/170-20	20	Pleated polyester media	10 lbs.	HC/170-20HT	20	High temperature	10 lbs.
HC/170-50	50	Pleated polyester media	10 lbs.	HC/170-20W-HF	20	Synthetic composite	10 lbs.
HC/170-100	100	Pleated polyester media	10 lbs.	HC/170-50-AM	50	Antimicrobial media	10 lbs.
HC/170-150	150	Pleated polyester media	10 lbs.	HC/170-50HT	50	High temperature	10 lbs.
HC/170-1W-HF	1	Synthetic composite	10 lbs.	HC/170-EZ-CLEAN	50	Pleated polyester media	10 lbs.
HC/170-5HT	5	High temperature	10 lbs.	HC/170-PM	250	Poly Mesh	10 lbs.
HC/170-5CPHT	5	High temperature / Phenolic	10 lbs.	HC/170TC	20	Tropiclean	10 lbs.
HC/170-5W-HF	5	Synthetic composite	10 lbs.	HC/170TC-AM	20	SureSafe - Antimicrobial media	10 lbs.

POLY-PLEAT™ CARTRIDGES

Poly-Pleat™ Cartridges are designed for drinking water applications to remove **Cryptosporidium** and **Giardia Cysts** and when one micron absolute rated filtration is required. Cartridges are rated for temperatures to 140°F (60°C). Polypropylene filter media offers compatibility with many aggressive chemicals. Check compatibility charts for PVC center tubes and end caps. *Temperature limits vary and depend on pressure and time under load.

Cartridge Product Code	Absolute Micron	Cartridge Dimensions			Ship Wt./Ctn. (1 Cartridge)
		L	x OD	x ID	
PP-HC-170-1	1	30-3/4"	7-3/4"	3" FPT	10 lbs.



Certified to ANS-NSF 61

POLY-PLEAT™ Flow Rates For Hurricane® "Swing Bolt" Housings Using Cartridge PP-HC/170-1

Hurricane® Filter Model	Suggested Flow Rate (GPM)	Max Flow Rate* (GPM)	Max Flow Rate* (LPM)	Max Flow Rate* (M³/HR)	Media** (Sq.Ft.)	Micron Rating (Absolute)	Length (in.)	O.D. (in.)	No./Case
HUR 1x170FL	52	75	284	17	100	1	30-3/4	7-3/4	1
HUR 3x170FL	157	225	851	51	300	1	30-3/4	7-3/4	1
HUR 5x170FL	262	375	1,419	85	500	1	30-3/4	7-3/4	1
HUR 8x170FL	420	600	2,271	136	800	1	30-3/4	7-3/4	1

SOLID BLOCK ACTIVATED CARBON WITH 5 MICRON PREFILTER



Hurricane® A/C Cartridge

Minimum 10 lbs. carbon content!

Product Code	Carbon Content (lbs.)*	Capacity (gals.)*	Chlorine reduction**
HC/170-AC-5	10	100,000	90-95% @ 15 GPM

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

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.



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