

HARMSCO®

Hurricane® HP Filter Housings

Two Technologies in One

Lower Operation Cost

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



Certified to
ANSI-NSF 61

Excluding High Temp Cartridges

Features

- ▶ Combination cyclone separator and cartridge filter in a single compact design
- ▶ Patented Up-flow design with tangential entry - prevents air entrapment
- ▶ Rotational flow “flutters” media pleats - improving loading performance
- ▶ Electropolished 304 stainless steel housing
- ▶ Fail-Safe closure system
- ▶ Three sizes for greater media surface area
- ▶ CPVC standpipe (standard) - stainless steel optional
- ▶ Extensive choice of cartridge micron ratings and media, including carbon block
- ▶ NSF 61 listed



Applications

- ▶ Commercial/Residential Drinking Water
- ▶ Cooling Tower Filtration
- ▶ Desalination Pre-filtration (316 and coated options)
- ▶ Surface Water Treatment Rule (SWTR) I, II
- ▶ Process Water
- ▶ Whole House Filtration
- ▶ Industrial Waste Water Treatment
- ▶ Reverse Osmosis Pre-filtration
- ▶ Small Community Compliance (cysts)
- ▶ Well Water
- ▶ Ground Water Remediation
- ▶ Ground Water Under Direct Influence (GUDI)



HARMSCO® Filtration Products



Made in USA

Cartridge Selection

Sediment Removal, Turbidity Reduction, Chlorine Removal, Taste & Odor Reduction, Cyst Removal, Pre-Filtration, Post-Filtration, Antimicrobial, Absolute Rated, Nominal Rated, 100% Synthetic, Non Potable Use, Course Filtration, High Temperature, All Polypropylene, NSF Listed, Cleanable/ Reusable

Polyester - engineered for high efficiency, low pressure drops

HC/40-0.35	Hur 40 Cartridge - 0.35 Micron	•	•			•														•
HC/40-1	Hur 40 Cartridge - 1 Micron	•	•			•														•
HC/40-5	Hur 40 Cartridge - 5 Micron	•	•			•														•
HC/40-10	Hur 40 Cartridge - 10 Micron	•	•			•														•
HC/40-20	Hur 40 Cartridge - 20 Micron	•	•			•														•
HC/40-50	Hur 40 Cartridge - 50 Micron	•	•			•														•
HC/40-100	Hur 40 Cartridge - 100 Micron	•	•			•														•
HC/40-150	Hur 40 Cartridge - 150 Micron	•	•			•														•
HC/90-0.35	Hur 90 Cartridge - 0.35 Micron	•	•			•														•
HC/90-1	Hur 90 Cartridge - 1 Micron	•	•			•														•
HC/90-5	Hur 90 Cartridge - 5 Micron	•	•			•														•
HC/90-10	Hur 90 Cartridge - 10 Micron	•	•			•														•
HC/90-20	Hur 90 Cartridge - 20 Micron	•	•			•														•
HC/90-50	Hur 90 Cartridge - 50 Micron	•	•			•														•
HC/90-100	Hur 90 Cartridge - 100 Micron	•	•			•														•
HC/90-150	Hur 90 Cartridge - 150 Micron	•	•			•														•
HC/170-0.35	Hur 170 Cartridge - 0.35 Micron	•	•			•														•
HC/170-1	Hur 170 Cartridge - 1 Micron	•	•			•														•
HC/170-5	Hur 170 Cartridge - 5 Micron	•	•			•														•
HC/170-10	Hur 170 Cartridge - 10 Micron	•	•			•														•
HC/170-20	Hur 170 Cartridge - 20 Micron	•	•			•														•
HC/170-50	Hur 170 Cartridge - 50 Micron	•	•			•														•
HC/170-100	Hur 170 Cartridge - 100 Micron	•	•			•														•
HC/170-150	Hur 170 Cartridge - 150 Micron	•	•			•														•

High Temperature - up to 200°F (93°C)* *250°F (121°C) with metal end caps, using suffix "HTM"

HC/40-20HT	Hur 40 Cartridge - 20 Micron High Temp	•	•			•														•
HC/40-50HT	Hur 40 Cartridge - 50 Micron High Temp	•	•			•														•
HC/90-5CPHT	Hur 90 Cartridge - 5 Micron High Temp	•	•			•														•
HC/90-5HT	Hur 90 Cartridge - 5 Micron High Temp	•	•			•														•
HC/90-10HT	Hur 90 Cartridge - 10 Micron High Temp	•	•			•														•
HC/90-20HT	Hur 90 Cartridge - 20 Micron High Temp	•	•			•														•
HC/90-50HT	Hur 90 Cartridge - 50 Micron High Temp	•	•			•														•
HC/170-5CPHT	Hur 170 Cartridge - 5 Micron High Temp	•	•			•														•
HC/170-5HT	Hur 170 Cartridge - 5 Micron High Temp	•	•			•														•
HC/170-10HT	Hur 170 Cartridge - 10 Micron High Temp	•	•			•														•
HC/170-20HT	Hur 170 Cartridge - 20 Micron High Temp	•	•			•														•
HC/170-50HT	Hur 170 Cartridge - 50 Micron High Temp	•	•			•														•

Harmsco Free - 100% synthetic composite media

HC/40-1W-HF	Hur 40 Cartridge - 1 Micron	•	•																	•
HC/40-5W-HF	Hur 40 Cartridge - 5 Micron	•	•																	•
HC/40-20W-HF	Hur 40 Cartridge - 20 Micron	•	•																	•
HC/90-1W-HF	Hur 90 Cartridge - 1 Micron	•	•																	•
HC/90-5W-HF	Hur 90 Cartridge - 5 Micron	•	•																	•
HC/90-20W-HF	Hur 90 Cartridge - 20 Micron	•	•																	•
HC/170-1W-HF	Hur 170 Cartridge - 1 Micron	•	•																	•
HC/170-5W-HF	Hur 170 Cartridge - 5 Micron	•	•																	•
HC/170-20W-HF	Hur 170 Cartridge - 20 Micron	•	•																	•

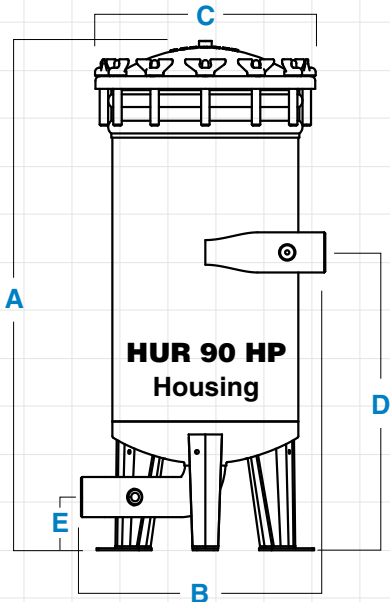
Poly-Pleat - 1 micron absolute, multi-layered media

PP-HC-40-1	Poly Pleat Hur 40 Cartridge - 1 Micron	•	•																	•
PPFS-HC-40-1	PP-Fail Safe Hur 40 Cartridge - 1 Micron	•	•																	•
PP-HC-90-1	Poly Pleat Hur 90 Cartridge - 1 Micron	•	•																	•
PPFS-HC-90-1	PP-Fail Safe Hur 90 Cartridge - 1 Micron	•	•																	•
PP-HC-170-1	Poly Pleat Hur 170 Cartridge - 1 Micron	•	•																	•
PPFS-HC-170-1	PP-Fail Safe Hur 170 Cartridge - 1 Micron	•	•																	•

All-Poly - 100% polypropylene media with polypropylene end caps and components

HC-PP-40-0.2	Hur 40 High Purity Pleated PP - 0.2 Mic	•	•																	•
HC-PP-40-0.45	Hur 40 High Purity Pleated PP - 0.45 Mic	•	•																	•
HC-PP-40-1	Hur 40 High Purity Pleated PP - 1 Mic	•	•																	•
HC-PP-40-5	Hur 40 High Purity Pleated PP - 5 Mic	•	•																	•
HC-PP-90-0.2	Hur 90 High Purity Pleated PP - 0.2 Mic	•	•																	•
HC-PP-90-0.45	Hur 90 High Purity Pleated PP - 0.45 Mic	•	•																	•
HC-PP-90-1	Hur 90 High Purity Pleated PP - 1 Mic	•	•																	•
HC-PP-90-5	Hur 90 High Purity Pleated PP - 5 Mic	•	•																	•
HC-PP-170-0.2	Hur 170 High Purity Pleated PP - 0.2 Mic	•	•																	•
HC-PP-170-0.45	Hur 170 High Purity Pleated PP - 0.45 Mic	•	•																	•
HC-PP-170-1	Hur 170 High Purity Pleated PP - 1 Mic	•	•																	•
HC-PP-170-5	Hur 170 High Purity Pleated PP - 5 Mic	•	•																	•

Harmsco® Hurricane® HP Filter Housings



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HUR 40 HP



HUR 90 HP



HUR 170 HP

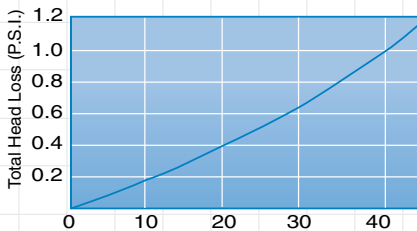
Filter Model	A Filter Height	B Width	C Diameter	D Inlet	E Outlet	Pipe Size NPT	Drain Size NPT	Floor Space In.	Service Ht.	Shipping Wt. Lbs.	Carton Size In.
HUR 40 HP	19-1/2"	14-5/8"	13"	12-3/4"	3-7/16"	2"	1"	15x15	35"	40	14x16x21
HUR 90 HP	29-7/8"	14-5/8"	13"	17-3/4"	3-7/16"	2"	1"	15x15	51"	52	14x16x38
HUR 170 HP	40-1/2"	14-5/8"	13"	23-5/8"	3-7/16"	2"	1"	15x15	72"	64	14x16x42

Filter Specifications

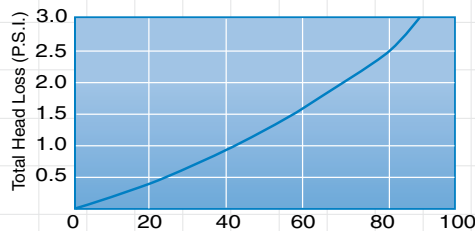
- ▶ Electropolished 304 stainless steel*
- ▶ Standpipe - CPVC*
- ▶ Temperature - 140°F (60°C)* max. *Up to 250°F (121°C) with optional stainless steel standpipe and high temperature cartridges installed
- ▶ Pressure - 150 psi (10 bar) max.
- ▶ Wing nuts - brass
- ▶ Rim gaskets - EPDM (Buna-N, Viton available)
- ▶ BSTP optional
- ▶ Gauge sample ports (1/4"), inlet and outlet
- ▶ 90° elbow and 45° sweep on outlet for staggered in-line vertical installation

*All stainless steel housings are 304; 316 available upon request. Stainless steel standpipe for high temperature also available.

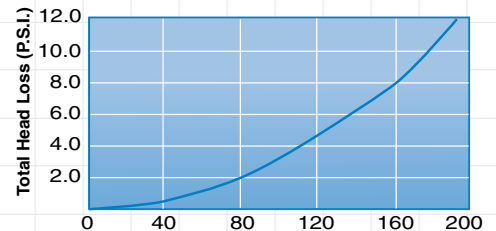
Pressure Drop



Pressure drop HUR 40 HP



Pressure drop HUR 90 HP



Pressure drop HUR 170 HP

The total head loss data shown above was developed by NSF International and indicates pressure drop with Hurricane® filter housings and one micron filter cartridges in clean water.

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



HARMSCO® Filtration Products

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Made in USA

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