

Hurricane® Filter Housings

Three Technologies in One

Lower Operation Cost

Harmsco® HP 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

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 or 316L stainless steel housing
- ▶ Fail-Safe lid closure, rated for 150 psi
- ▶ Three sizes for greater media surface area
- ▶ CPVC standpipe (standard) - stainless steel optional
- ▶ Largest selection available of cartridge micron ratings and media, including carbon block
- ▶ NSF/ANSI/CAN Standard 61 Listed



Certified to
NSF/ANSI/CAN
Standard 61



Applications

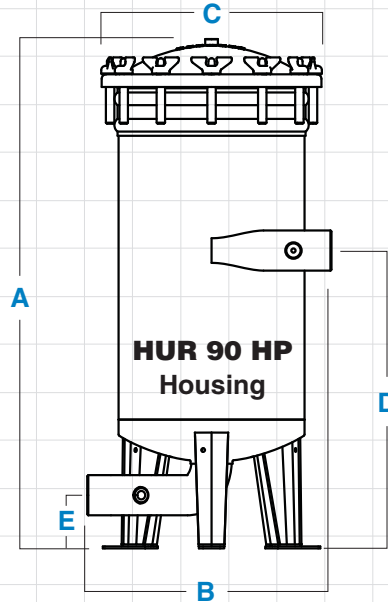
- ▶ Commercial/Residential Drinking Water
- ▶ Cooling Tower Filtration
- ▶ Desalination Pre-filtration (316 and coated options)
- ▶ Surface Water Treatment Rule (SWTR) LT2
- ▶ Process Water
- ▶ Whole House Filtration
- ▶ Industrial Waste Water Treatment
- ▶ Reverse Osmosis Pre-filtration
- ▶ Small Community Compliance LT2
- ▶ Well Water
- ▶ Ground Water Remediation
- ▶ Ground Water Under Direct Influence (GUDI)



Cartridge Options

Cartridge Models	Brochure Pages
Polyester-Plus™	HCP
High Temperature	HCHT
Harmsco-Free	HCHF
Poly-Pleat™	PPC
All-Poly	HCAP
SureSafe™ Antimicrobial	AMC
Carbon Block	HCC
EZ Clean	EZC
Poly-Mesh	PM

For detailed information on each cartridge, please refer to the individual brochures provided, and explore our extensive selection of cartridges.



Ordering Information

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



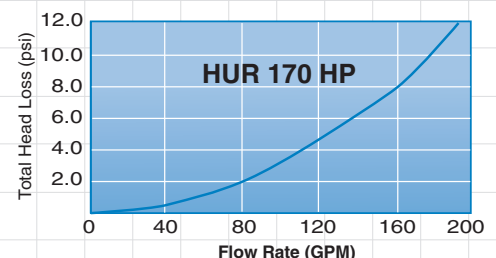
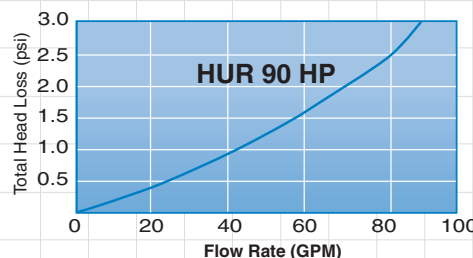
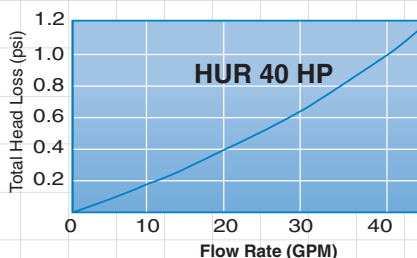
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Filter Specifications

- ▶ Electropolished 304 or 316L 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
- ▶ Wing nuts - brass
- ▶ Rim gaskets - EPDM (Buna-N, Viton available)
- ▶ BSTP optional
- ▶ Gauge sample ports (1/4"), inlet and outlet
- ▶ Pressure - 150 psi max

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

Pressure Drop



The total head loss data shown above was developed by NSF International and indicates pressure drop with Hurricane® filter housings and 20 micron filter cartridges in clean water.

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



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