HARMSCO® MUNICIPAL

MUNI MP

Hurricane® Technology Filter Housings

Lower Operation Costs

Three Technologies in One

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

NSF

Certified to NSF/ANSI/CAN Standard 61

Features

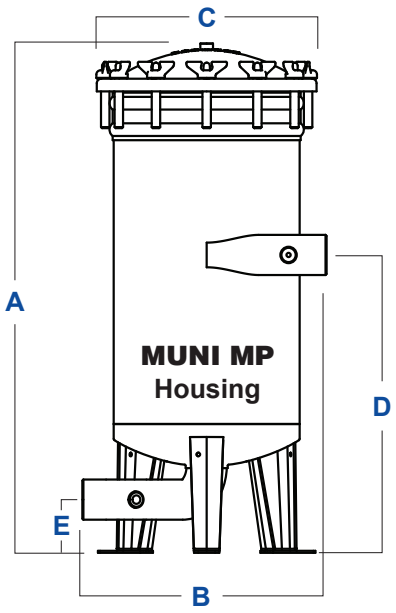
- Special1 Micron Absolute with Micro Fiber Media
- Combination cyclone separator and cartridge filter in a single compact design
- Patented Up-flow design with tangential entry - prevents air entrapment
- Rotational flow “flutters” media pleats - improving loading performance
- Electropolished 304 or 316L stainless steel housing
- Fail-Safe lid closure, rated for 150 psi
- Three sizes for greater media surface area
- CPVC standpipe - stainless steel optional
- Extensive choice of cartridge micron ratings and media, including carbon block
- NSF/ANSI/CAN Standard 61 Listed

MUNI MP series Filter Housings

Applications

- Drinking Water
- Cooling Tower Filtration
- Desalination Pre-filtration (316L and coated options)
- Surface Water Treatment Rule (SWTR) LT2
- Process Water
- Whole House Filtration
- Municipal Waste Water Treatment
- Reverse Osmosis Pre-filtration
- Small Community Compliance LT2
- Well Water
- Ground Water Remediation
- Ground Water Under Direct influence (GWUDI)

Harmsco® Municipal Hurricane® Filter Housings MP



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MUNI 40 MP

MUNI 90 MP

MUNI 170 MP

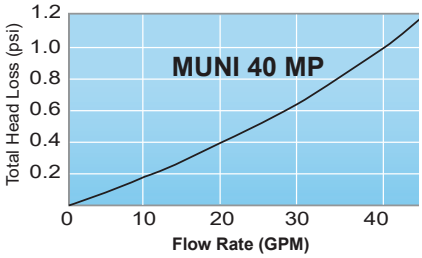
Filter Model	A Filter Height	B Width	C Diameter	D Inlet	E Outlet	Pipe Size NPT	Drain Size NPT	Floor Space	Service Ht.
MUNI 40 MP	19-1/2”	14-3/8”	13”	12-3/4”	3-7/16”	2”	1”	15”x15”	35”
MUNI 90 MP	29-7/8”	14-3/8”	13”	17-3/4”	3-7/16”	2”	1”	15”x15”	51”
MUNI 170 MP	40-1/2”	14-3/8”	13”	23-5/8”	3-7/16”	2”	1”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

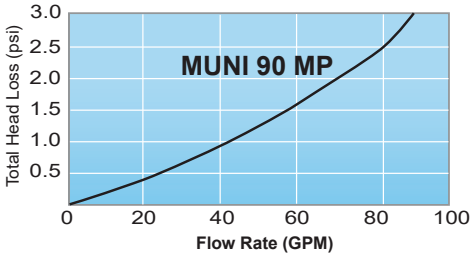
Filter Specifications

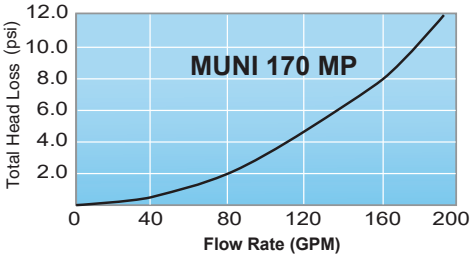
- Electropolished 304 & 316L stainless steel
- Standpipe - CPVC & Stainless steel
- Temperature - 140˚F (60˚C) max. (121˚C) with optional stainless steel standpipe and high temperature (HTM) cartridges installed
- Wing nuts - brass
- Rim gaskets - EPDM (Buna-N, Viton available) (BSTP optional)
- Pressure gauge ports (1/4”), inlet and outlet
- Pressure - 150 psi (10 bar) 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.

HARMSCO® MUNICIPAL Filtration Systems

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