

Multi Cartridge Housings

Industrial

Designed to accept 40" Nominal Length Cartridges

HMC Series Filter Housings are designed with a universal bottom plate to accept 2-3/4" or 2-1/2" diameter cartridges with DOE (double open end), 222/Flat and 222/Fin end cap configurations

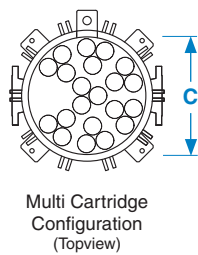
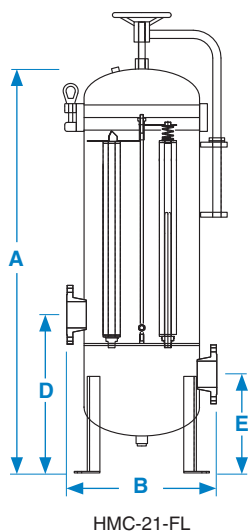
Features

- ▶ 304 stainless steel construction, standard
- ▶ 304 stainless steel components - includes cap/spring and V post, standard
- ▶ 150 psi (10.3 bar) pressure rating
- ▶ Multiple hold-down plates to accept DOE, 222/Flat and 222/Fin style cartridges
- ▶ Built to ASME design standards
- ▶ Bead blast finish, standard
- ▶ Assisted davit arm closure - 12 round and larger
- ▶ Two gauge ports - inlet and outlet sides
- ▶ Two drains provided - inlet and outlet fluids
- ▶ Electropolished 316L stainless steel construction, optional



Applications

- ▶ Industrial Waste Water Treatment
- ▶ Industrial Process (High Purity) Applications
- ▶ Ground Water Remediation
- ▶ Reverse Osmosis Pre-filtration
- ▶ Cooling Tower Filtration



Multi Cartridge Configuration (Topview)



HMC-5



HMC-7



HMC-12-FL



HMC-21-FL

Not Shown: HMC-36-FL, HMC-51-FL

Ordering Information

Filter Model	Max Flow Rate* (GPM)	Max Flow Rate* (LPM)	Max Flow Rate* (M ³ /Hr)	A Filter Height	B Width	C Diameter	D Inlet	E Outlet	I/O Size	I/O Type	Drain Size	Service Height
HMC-5	150	508	36	59.4"	13"	8.1"	13.8"	9.8"	2"	FNPT	1" FNPT	95"
HMC-7	200	757	42	61.25"	14.4"	9.2"	14-1/2"	10-3/8"	2"	FNPT	1" FNPT	96-1/4"
HMC-12-FL	300	1,135	75	66.9"	18-7/8"	13-9/16"	19-11/16"	12-13/16"	3"	FL	1" FNPT	101"
HMC-21-FL	600	2,271	150	71.9"	23"	23"	24-1/4"	15-1/8"	4"	FL	1" FNPT	104-1/2"
HMC-36-FL	1,000	3,785	227	76.1"	27-1/2"	28"	27-1/2"	16-7/8"	6"	FL	1" FNPT	107-1/4"
HMC-51-FL	1,400	5,299	318	78"	31-5/16"	22-15/16"	29-5/8"	17-5/8"	6"	FL	1.5" FNPT	108"

Flow rates shown above are for guidelines only. Actual flow rates are based on cartridge type, micron rating, viscosity, solids content and other factors. For complete flow and pressure drop information please refer to your cartridge manufacturer guidelines.

Specifications

- ▶ **Finish** - Bead blast
- ▶ **Inlet/Outlet** - FNPT on HMC-5, -7; flanged on HMC-12, -21, -36 and -51
- ▶ **Construction** - 304 stainless steel; built to ASME design standards
- ▶ **Pressure** - 150 PSI (10.3 bar) max
- ▶ **Closure** - BUNA o-ring housing seal with swing bolt closure
- ▶ **Temperature** - 250°F (121°C) max temperature, filter housing only

End Caps

Harmsco® Multi Cartridge Housings come standard with alternative compression/hold down plates that allow for the use of DOE, 222/Flat or 222/Fin end caps.



DOE



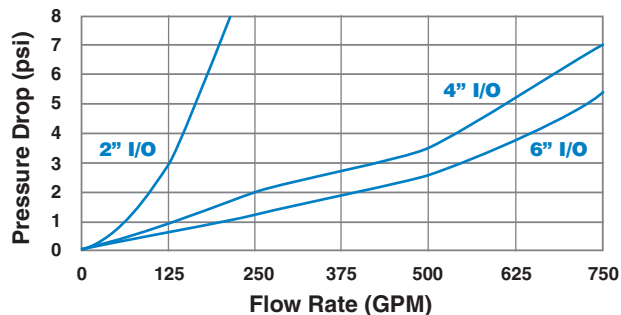
222



Fin

Pressure Drop

Based on 2", 4" and 6" inlet/outlet housings, without cartridges.



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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