



## MRH/MRHS SERIES

Swing Bolt Multi Round Filter Housings  
Data Sheet

- Electropolished/Glass Bead 304 or 316 Stainless Steel.
- Swing Bolt Design for Safe/Easy Operation.
- Accepts DOE, 222/Flat or 222/Fin Cartridges.
- Heavy duty legs included on all models.
- Vented lid and Clean and Dirty Drains on all models.
- Two gauge ports on inlet and outlet on all models .
- Flow rates up to 2,380 gpm – 9,009 lpm – 649 m<sup>3</sup>/hr.
- NSF/ANSI/CAN61 & 372 certified.

### HYDROSCIENTIFIC™ MRH / MRHS SERIES - SWING BOLT FILTER HOUSINGS

are ideal for most industrial/commercial applications with our welded leg design as a standard, (not "optional") feature, we eliminate the added expense to your application. MRH/MRHS Swing Bolt Multi Round Filter Housings are commonly used for pre-filtration for Reverse Osmosis (RO) systems, food service, car washes, agriculture and many other uses.

### HYDROSCIENTIFIC™ MRH / MRHS SERIES - SWING BOLT FILTER HOUSINGS

are made with a high grade 304 or 316 Stainless Steel as standard and accept a wide range of filter cartridges. The MRH/MRHS Series Swing Bolt Multiround Filter Housings are NSF/ANSI/CAN61 & NSF/ANSI 372 certified.



This filter housing is tested and certified by NSF International to NSF/ANSI/CAN 61, NSF/ANSI 372

COMPONENT

### HYDROSCIENTIFIC™ MRH SERIES - 304SS SWING BOLT MULTI ROUND FILTER HOUSING SPECIFICATIONS

Part Number	Description	Ports (In/Out)	Drains (FNPT/ MNPT)	Gauge Port	Max. Flow (gpm)	Max. Flow (lpm)	Max. Flow (m <sup>3</sup> /hr)	No. of Cartridges
MRH-410-2	HydroScientific™ SB 4 x 10" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	28	106	6	4
MRH-420-2	HydroScientific™ SB 4 x 20" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	56	212	13	4
MRH-430-2	HydroScientific™ SB 4 x 30" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	84	318	19	4
MRH-440-2	HydroScientific™ SB 4 x 40" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	112	424	25	4
MRH-510-2	HydroScientific™ SB 5 x 10" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	35	132	8	5
MRH-520-2	HydroScientific™ SB 5 x 20" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	70	265	16	5
MRH-530-2	HydroScientific™ SB 5 x 30" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	105	397	24	5
MRH-540-2	HydroScientific™ SB 5 x 40" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	140	530	32	5
MRH-710-2	HydroScientific™ SB 7 x 10" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	49	185	11	7
MRH-720-2	HydroScientific™ SB 7 x 20" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	98	371	22	7
MRH-730-2	HydroScientific™ SB 7 x 30" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	147	556	33	7
MRH-740-2	HydroScientific™ SB 7 x 40" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	196	742	45	7
MRH-1230-3FL	HydroScientific™ SB 12 x 30" Multi Filter Housing, ML, EP	3" FL	1" FNPT	1/4" FNPT	252	954	57	12
MRH-1240-3FL	HydroScientific™ SB 12 x 40" Multi Filter Housing, ML, EP	3" FL	1" FNPT	1/4" FNPT	336	1272	76	12
MRH-2230-4FL	HydroScientific™ SB 22 x 30" Multi Filter Housing, ML, EP	4" FL	1" FNPT	1/2" FNPT	462	1749	105	22
MRH-2240-4FL	HydroScientific™ SB 22 x 40" Multi Filter Housing, ML, EP	4" FL	1" FNPT	1/2" FNPT	616	2332	140	22
MRH-3630-6FL	HydroScientific™ SB 36 x 30" Multi Filter Housing, ML, GB	6" FL	1" FNPT	1/2" FNPT	756	2862	172	36
MRH-3640-6FL	HydroScientific™ SB 36 x 40" Multi Filter Housing, ML, GB	6" FL	1" FNPT	1/2" FNPT	1008	3816	229	36
MRH-5230-6FL	HydroScientific™ SB 52 x 30" Multi Filter Housing, ML, GB	6" FL	1" FNPT	1/2" FNPT	1092	4134	248	52
MRH-5240-6FL	HydroScientific™ SB 52 x 40" Multi Filter Housing, ML, GB	6" FL	1" FNPT	1/2" FNPT	1456	5512	331	52
MRH-8530-8FL	HydroScientific™ SB 85 x 30" Multi Filter Housing, ML, GB	8" FL	1" FNPT	1/2" FNPT	1785	6757	405	85
MRH-8540-8FL	HydroScientific™ SB 85 x 40" Multi Filter Housing, ML, GB	8" FL	1" FNPT	1/2" FNPT	2380	9009	649	85

SB = SWING BOLT, ML = LEGS, EP = ELECTROPOLISH, GB = GLASS BEAD

**HYDROSCIENTIFIC™ MRHS SERIES - 316SS SWING BOLT MULTI ROUND FILTER HOUSING SPECIFICATIONS**

Part Number	Description	Ports (In/Out)	Drains (FNPT/ MNPT)	Gauge Port	Max. Flow (gpm)	Max. Flow (lpm)	Max. Flow (m <sup>3</sup> /hr)	No. of Cartridges
MRHS-410-2	HydroScientific™ SB 4 x 10" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	28	106	6	4
MRHS-420-2	HydroScientific™ SB 4 x 20" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	56	212	13	4
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MRHS-530-2	HydroScientific™ SB 5 x 30" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	105	397	24	5
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**ADDITIONAL FEATURES**

Finish: Electropolished and Bead Blasted Standard  
 Drains: Clean and Dirty standard on all models  
 Gauge Ports: Clean and Dirty standard on all models  
 Cartridge Types: MRH DOE Style Cartridges (2-3/4" max. diameter)  
 All MRH Filter Housings will accept DOE, 222/Flat or 222/Fin Cartridges Standard

**MATERIALS OF CONSTRUCTION**

Housing Shell: 304 or 316 stainless steel  
 Lid Closure: Zinc Plated Steel  
 Vent and Drain Plugs: 304 or 316 stainless steel  
 Heavy Duty Mounting Legs: 304 or 316 stainless steel  
 O-Ring / Gasket: EPDM - FDA Grade (Viton, Silicone and EPR Options)

**APPLICATIONS**

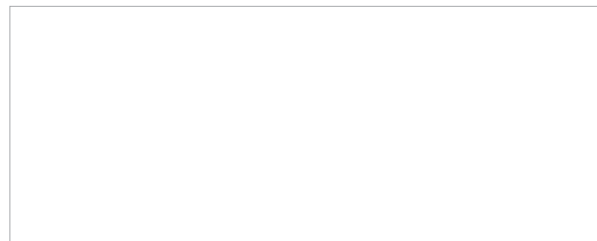
- Residential, Commercial, Industrial, and Municipal
- Reverse Osmosis Pre-filtration
- Ground Water Remediation
- Industrial Process (High Purity) Applications
- Cooling Tower Filtration
- Process Water
- Industrial Waste Water Treatment

**OPERATIONAL DATA**

Max. Working Pressure: 150 psi at 300 °F (10.3 bar at 149 °C)  
 Max. Operating Temperature: 300 °F (149 °C)

For the complete list of our NSF Certified products, please visit the Hydronix Water Technology page on the official NSF website: [www.nsf.org](http://www.nsf.org)  
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