



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 m³/hr.

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.



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 ³ /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 ³ /hr)	No. of Cartridges
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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)

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P.O. Box 2235 Chino Hills, CA 91709 | USA
 sales@hydronixwater.com