



## MRH/MRHS SERIES

Band Clamp Multi Round Filter Housings  
Data Sheet

- Electropolished 304 or 316 Stainless Steel (coated options available).
- Band Clamp Design for Fast/Easy/Safe Operation.
- Accepts DOE, 222/Flat or 222/Fin Cartridges.
- Two-gauge ports – inlet and outlet .
- Two drains provided – inlet and outlet.
- Adjustable top plates to accept various length filter cartridges.

### HYDROSCIENTIFIC™ MRH / MRHS SERIES - BAND CLAMP 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 Band Clamp 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 - BAND CLAMP 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 BAND CLAMP 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-410-2BC	HydroScientific™ BC 4 x 10" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	28	106	6	4	
MRH-420-2BC	HydroScientific™ BC 4 x 20" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	56	212	13	4	
MRH-430-2BC	HydroScientific™ BC 4 x 30" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	84	318	19	4	
MRH-440-2BC	HydroScientific™ BC 4 x 40" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	112	424	25	4	
MRH-510-2BC	HydroScientific™ BC 5 x 10" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	35	132	8	5	
MRH-520-2BC	HydroScientific™ BC 5 x 20" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	70	265	16	5	
MRH-530-2BC	HydroScientific™ BC 5 x 30" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	105	397	24	5	
MRH-540-2BC	HydroScientific™ BC 5 x 40" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	140	530	32	5	
MRH-710-2BC	HydroScientific™ BC 7 x 10" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	49	185	11	7	
MRH-720-2BC	HydroScientific™ BC 7 x 20" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	98	371	22	7	
MRH-730-2BC	HydroScientific™ BC 7 x 30" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	147	556	33	7	
MRH-740-2BC	HydroScientific™ BC 7 x 40" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	196	742	45	7	

BC = BAND CLAMP, ML = LEGS, EP = ELECTROPOLISH

# MRH/MRHS SERIES

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HYDROSCIENTIFIC™ MRHS SERIES - 316SS BAND CLAMP 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-410-2BC	HydroScientific™ BC 4 x 10" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	28	106	6	4
MRHS-420-2BC	HydroScientific™ BC 4 x 20" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	56	212	13	4
MRHS-430-2BC	HydroScientific™ BC 4 x 30" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	84	318	19	4
MRHS-440-2BC	HydroScientific™ BC 4 x 40" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	112	424	25	4
MRHS-510-2BC	HydroScientific™ BC 5 x 10" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	35	132	8	5
MRHS-520-2BC	HydroScientific™ BC 5 x 20" Multi Filter Housing, ML, EP	2" FNPT	3/4" MNPT	1/4" FNPT	70	265	16	5
MRHS-530-2BC	HydroScientific™ BC 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:	304 or 316 stainless 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 250 °F (10.3 bar at 121 °C)
Max. Operating Temperature:	250 °F (121 °C)

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

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