



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 ³ /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

Band Clamp Multi Round Filter Housings
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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 ³ /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 | |
| MRHS-540-2BC | HydroScientific™ BC 5 x 40" Multi Filter Housing, ML, EP | 2" FNPT | 3/4" MNPT | 1/4" FNPT | 140 | 530 | 32 | 5 | |
| MRHS-710-2BC | HydroScientific™ BC 7 x 10" Multi Filter Housing, ML, EP | 2" FNPT | 3/4" MNPT | 1/4" FNPT | 49 | 185 | 11 | 7 | |
| MRHS-720-2BC | HydroScientific™ BC 7 x 20" Multi Filter Housing, ML, EP | 2" FNPT | 3/4" MNPT | 1/4" FNPT | 98 | 371 | 22 | 7 | |
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BC = BAND CLAMP, ML = LEGS, EP = ELECTROPOLISH

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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