HARMSCO®

BC

Band Clamp Housings

Commercial Grade

Up-Flow Filtration

A design so superior it's patented.

- **This product is designed with a patented Up-flow technology which prevents the accumulation of air inside the filter housing keeping the filter operating at 100%.**

Models BC4-1, BC4-2, BC4-3, BC6-1, BC6-2, BC6-3

Features

- 304 stainless steel construction, standard
- Electropolished finish, standard
- 150 psi (10.3 bar) pressure rating
- Flow rates up to 126 gpm
- All filter housings hydrostatically tested
- Stainless steel cartridge lifters for easy cartridge removal
- Adjustable top plates to accept various length cartridges
- Two drains provided - inlet and outlet fluids
- Extensive choice of cartridge micron ratings and media
- Integral mounting legs, drill in place

Options:
316 stainless steel
Sanitary, BSTP or victaulic connections

Applications

- Commercial/Residential Drinking Water
- Cooling Tower Filtration
- Process Water
- Reverse Osmosis Pre-Filtration
- Ground Water Remediation
- Utility Water
- Industrial Waste Water Treatment
- Ground Water Under Direct Influence (GUDI)

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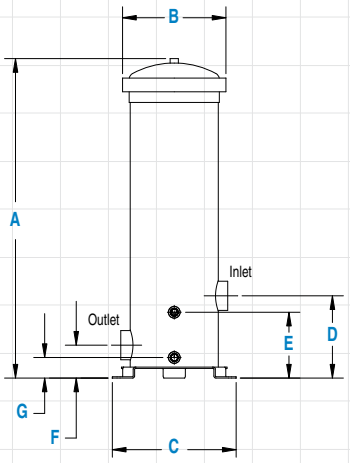
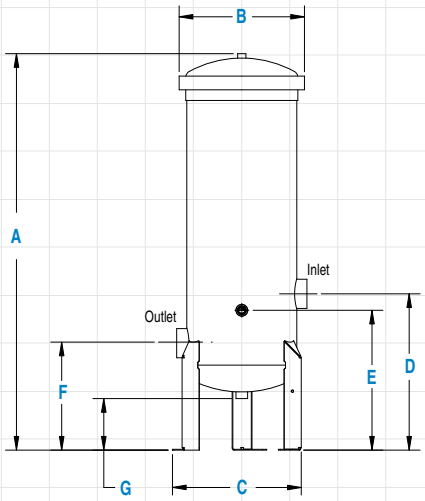
BC4-X



BC6-X



Band Clamp Assembly

Ordering Information

Filter Model	Rec'd Flow Rate*(GPM)	Max Flow Rate*(GPM)	Max Flow Rate*(LPM)	Max Flow Rate*(M^3/Hr)	A Height	B Diameter	C Width	D Height	E Height	F Height	G Height	I/O FNPT	No. of Cartridges	Cartridge Height (in)	Service Height
BC4-1	12	25	95	5	19-1/2"	9-1/2"	11-1/2"	7-1/2"	6"	3"	1-7/16"	2"	4	9 3/4 or 10	28"
BC4-2	24	50	190	12	29-1/4"	9-1/2"	11-1/2"	7-1/2"	6"	3"	1-7/16"	2"	4	19 1/2 or 20	47"
BC4-3	36	75	285	17	39"	9-1/2"	11-1/2"	7-1/2"	6"	3"	1-7/16"	2"	4	29 1/4 or 30	67"
BC6-1	18	42	159	10	25-1/2"	11-1/2"	12"	14-1/4"	12-3/4"	9-3/4"	4-3/4"	2"	6	9 3/4 or 10	35"
BC6-2	36	84	318	19	35-1/4"	11-1/2"	12"	14-1/4"	12-3/4"	9-3/4"	4-3/4"	2"	6	19 1/2 or 20	54"
BC6-3	54	126	477	29	45"	11-1/2"	12"	14-1/4"	12-3/4"	9-3/4"	4-3/4"	2"	6	29 1/4 or 30	74"

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

Specifications

- **Finish -** Electropolish standard; poly coat optional
- **Inlet/Outlet -** 2" FNPT; sanitary, BSTP, victaulic connections optional
- **Closure -** Band clamp closure, O-rings Buna-N
- **Pressure -** Up to 150 psi (10.3 bar) max
- **Construction -** 304 stainless steel standard; 316 optional
- **Temperature -** up to 250°F(121°C), housing only

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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