

## WaterBetter® Filter Housings

Single Cartridge Design

### Lower Operation Cost

- Harmsco® WB WaterBetter® single-cartridge filters deliver high flow, extended filter life, increased dirt holding capacity and ease of operation.



Certified to  
ANSI-NSF 61

### Features

- ▶ Patented Up-flow design
- ▶ Electropolished 304 stainless steel housing
- ▶ Fail Safe closure system
- ▶ Three sizes for greater media surface area
- ▶ CPVC standpipe (standard) - stainless steel optional
- ▶ Simple alternative to complex multiple cartridge housings
- ▶ Extensive choice of cartridge micron ratings and media, including carbon block
- ▶ Reduced installation cost



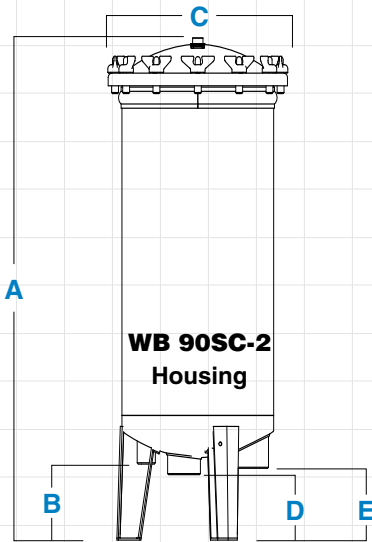
### Applications

- ▶ Commercial/Residential Drinking Water
- ▶ Cooling Tower Filtration
- ▶ Desalination Pre-filtration (coated option)
- ▶ Surface Water Treatment Rule (SWTR) LT2
- ▶ P.O.E. for household
- ▶ Industrial Waste Water Treatment
- ▶ Reverse Osmosis Pre-filtration
- ▶ Ground Water Remediation
- ▶ Utility Water
- ▶ Ground Water Under Direct Influence (GUDI)









WB 40SC-2



WB 90SC-2



WB 170SC-2

## Ordering Information

Filter Model	A Filter Height	B Drain	C Diameter	D Outlet	E Inlet	Pipe Size NPT	Drain Size NPT	Floor Space	Service Ht.	Shipping Wt. Lbs.	Carton Size In.
WB 40SC-1*	19-1/4"	4-1/2"	13"	3-7/8"	4-1/4"	1"	1"	15"x15"	31"	40	14x16x21
WB 40SC-2	19-1/4"	4-1/2"	13"	3-7/8"	4-1/4"	2"	1"	15"x15"	31"	40	14x16x21
WB 90SC-1*	29-3/8"	4-1/2"	13"	3-7/8"	4-1/4"	1"	1"	15"x15"	51"	51	14x16x38
WB 90SC-2	29-3/8"	4-1/2"	13"	3-7/8"	4-1/4"	2"	1"	15"x15"	51"	51	14x16x38
WB 170SC-1*	39-1/8"	4-1/2"	13"	3-7/8"	4-1/4"	1"	1"	15"x15"	72"	64	14x16x42
WB 170SC-2	39-1/8"	4-1/2"	13"	3-7/8"	4-1/4"	2"	1"	15"x15"	72"	64	14x16x42

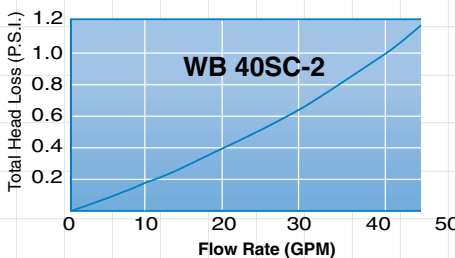
\*For 1" plumbing; not NSF Listed.

## Filter Specifications

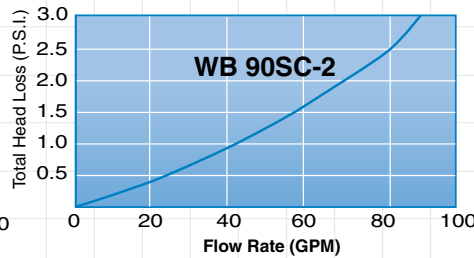
- ▶ Electropolished 304 stainless steel
- ▶ Standpipe - CPVC
- ▶ Temperature - 140°F (60°C) max. Up to 200°F (93°C) with optional stainless steel standpipe and high temperature cartridges installed
- ▶ Pressure - 150 psi (10 bar) max.
- ▶ Wing nuts - brass
- ▶ Rim gaskets - EPDM (Buna-N, Viton available)
- ▶ BSTP optional

All stainless steel housings are 304; 316 available upon request. Stainless steel standpipe for high temperature also available.

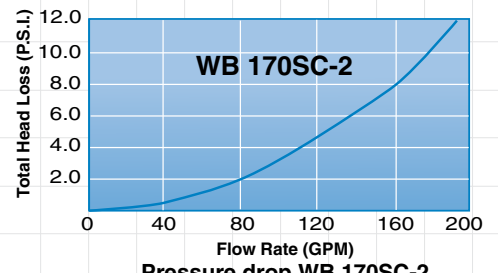
## Pressure Drop



Pressure drop WB 40SC-2



Pressure drop WB 90SC-2



Pressure drop WB 170SC-2

The total head loss curve is developed by NSF International and indicates pressure drop with WaterBetter® filter housings and 20 micron filter cartridges in clean water.

For additional information, please refer to the "Installation & Operation Manual" for WaterBetter® Filters.

**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.

Distributed By:

**APPLIED MEMBRANES INC.®**