

HARMSCO®

CBC

Calypso Blue™ Cartridges

Industrial and Residential

Premium and WaterBetter® Series

Designed for 4-1/2" diameter filter housings

- Lower overall operating cost
- Longer filter runs for fewer change outs
- Lower initial pressure drops
- Reduced maintenance down time and cost
- Increased contaminant removal
- High flow capability



Certified to
NSF/ANSI/CAN
Standard 61

Features

- ▶ Pleated design for more surface area
- ▶ FDA approved materials - NSF/ANSI/CAN 61 certified
- ▶ Engineered media for superior performance
- ▶ Cleanable and reusable in most applications and micron sizes
- ▶ Thermally bonded end caps to ensure better sealing
- ▶ Full product line - largest selection of micron ratings



Applications

- ▶ Reverse Osmosis Pre-filtration
- ▶ Municipal Drinking Water Filtration
- ▶ Commercial/Residential Drinking Water Filtration
- ▶ Desalination Pre-filtration
- ▶ Industrial Water Filtration
- ▶ Cooling Tower Filtration
- ▶ Chill Water Loop Filtration
- ▶ Food & Beverage Filtration
- ▶ Marine/Aquatic Filtration



HARMSCO® Filtration Products



Made in USA

Specifications

- ▶ **Nominal Micron Ratings:** 0.35, 1, 5, 10, 20, 50 microns; **Absolute Micron Rating:** 1 micron
- ▶ **Filter Media:** Polyester-Plus™, Synthetic Fiber
- ▶ **End Caps:** Pliable PVC or Urethane
- ▶ **Shrink Wrap:** Standard on all Premium and WaterBetter® Calypso cartridges
- ▶ **Temperature:** up to 140°F (60°C)
- ▶ **Center Tubes:** ABS, PVC or PP



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Cartridge Selection/Sizing Guide

4-1/2" O.D.

Product Code	Nominal Micron Rating	Media (sq. ft.)	Maximum Flow Rate* (GPM)	Length (in.)	O.D. (in.)	No./Case
Polyester-Plus™ - engineered for high efficiency, low pressure drops						
HB-10-0.35W	0.35	12	12	9-3/4	4-1/2	8
HB-10-1W	1	12	12	9-3/4	4-1/2	8
HB-10-5W	5	12	12	9-3/4	4-1/2	8
HB-10-10W	10	12	12	9-3/4	4-1/2	8
HB-10-20W	20	12	12	9-3/4	4-1/2	8
HB-10-50W	50	12	12	9-3/4	4-1/2	8
HB-20-0.35W	0.35	26	26	20	4-1/2	4
HB-20-1W	1	26	26	20	4-1/2	4
HB-20-5W	5	26	26	20	4-1/2	4
HB-20-10W	10	26	26	20	4-1/2	4
HB-20-20W	20	26	26	20	4-1/2	4
HB-20-50W	50	26	26	20	4-1/2	4

Harmsco-Free™ - 100% synthetic composite media

HB-10-1W-HF	1	8	8	9-3/4	4-1/2	8
HB-10-5W-HF	5	8	8	9-3/4	4-1/2	8
HB-10-20W-HF	20	8	8	9-3/4	4-1/2	8
HB-20-1W-HF	1	20	20	20	4-1/2	4
HB-20-5W-HF	5	20	20	20	4-1/2	4
HB-20-20W-HF	20	20	20	20	4-1/2	4

Poly-Pleat™ - absolute, Multi-Layer media

PP-BB-10-1	1	8	4	9-3/4	4-1/2	8
PPFS-BB-10-1	1	8	4	9-3/4	4-1/2	8
PP-BB-20-1	1	20	10	20	4-1/2	4
PPFS-BB-20-1	1	20	10	20	4-1/2	4

SureSafe™ Antimicrobial - reduces growth of bacteria and mold on media

HB-10-20W-AM	20	12	12	9-3/4	4-1/2	8
HB-10-50W-AM	50	12	12	9-3/4	4-1/2	8
HB-20-20W-AM	20	26	26	20	4-1/2	4
HB-20-50W-AM	50	26	26	20	4-1/2	4

EZ-Clean™ - 100% synthetic composite 50 Micron Cleanable Media

HB-10-EZ-CLEAN	50	12	12	9-3/4	4-1/2	8
HB-20-EZ-CLEAN	50	26	26	20	4-1/2	4

WaterBetter® Calypso - economy grade

WB-HB-10-0.35W	0.35	9.5	10	9-3/4	4-1/2	8
WB-HB-10-1W	1	9.5	10	9-3/4	4-1/2	8
WB-HB-10-5W	5	9.5	10	9-3/4	4-1/2	8
WB-HB-10-10W	10	9.5	10	9-3/4	4-1/2	8
WB-HB-10-20W	20	9.5	10	9-3/4	4-1/2	8
WB-HB-10-50W	50	9.5	10	9-3/4	4-1/2	8
WB-HB-20-0.35W	0.35	21	20	20	4-1/2	4
WB-HB-20-1W	1	21	20	20	4-1/2	4
WB-HB-20-5W	5	21	20	20	4-1/2	4
WB-HB-20-10W	10	21	20	20	4-1/2	4
WB-HB-20-20W	20	21	20	20	4-1/2	4
WB-HB-20-50W	50	21	20	20	4-1/2	4

Harmsco recommends operation at 50-70% of maximum flow rate for optimum performance.

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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