

# HARMSCO®

## Calypso Blue™ Cartridges

Industrial and Residential

### Premium and WaterBetter Series

Designed for 4-1/2" diameter filter housings.

Highly efficient filter cartridges available in a selection of media including the industry's largest surface area.



Certified to  
ANSI-NSF 61

Excluding High Temp Cartridges

- 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

### Features

- ▶ Pleated design for more surface area
- ▶ FDA approved materials - NSF 61 certified
- ▶ Engineered media for superior performance
- ▶ Cleanable and reusable in most applications and micron sizes
- ▶ Thermally bonded end caps to ensure better sealing
- ▶ Color coded end caps for easy micron identification
- ▶ Full product line - largest selection of micron ratings
- ▶ Optional High Temperature cartridges available



### 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, 20, 50 microns  
Absolute Micron Rating: 1 micron
- ▶ Filter Media: Polyester Plus, Synthetic, Nano Fiber
- ▶ End Caps: Pliable PVC with sealing surface built in
- ▶ Shrink Wrap: Standard on all Premium and WaterBetter Calypso cartridges
- ▶ Temperature: up to 140°F (60°C)
- ▶ Center Tubes: ABS or PVC



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## Cartridge Selection/Sizing Guide

9-3/4"

20"

### 4-1/2" O.D. 9-3/4" and 20" Calypso Blue™ Cartridges - Premium and WaterBetter®

Product Code	Nominal Micron Rating	Media (sq ft)	Maximum Flow Rate* (GPM)	Length (in)	O.D. (in)	No./Case
<b>Polyester</b> - 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-10-20W	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-20-20W	20	26	26	20	4-1/2	4
HB-20-50W	50	26	26	20	4-1/2	4
<b>Harmsco Free</b> - 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
<b>Poly-Pleat</b> - 1 micron absolute, multi-layered 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
<b>Nano Fiber</b> - 1 micron absolute, multi-layered media, low initial pressure drop, high flow rates						
NANO-BB-10-1	1	12	6	9-3/4	4-1/2	8
<b>SureSafe Antimicrobial</b> - 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
<b>EZ-Clean</b> - 100% synthetic composite 50 micron media						
HB-10-EZ-CLEAN	30	12	12	9-3/4	4-1/2	8
HB-20-EZ-CLEAN	30	26	26	20	4-1/2	4
<b>WaterBetter Polyester</b> - economy grade						
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-10-20W	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-20-1W	1	21	20	20	4-1/2	4
WB-HB-20-5W	5	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.

Premium Series

WaterBetter



**HARMSCO® Filtration Products**

[www.harmsco.com](http://www.harmsco.com)



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Made in USA

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