

HARMSCO®

BABA

HIF 5X170FL T-316L BABA

High Capacity Design

Lower Operation Cost

High flow capability
Lower overall operating cost
Reduced waste disposal
Longer filter runs for fewer change-outs
Increased contaminant removal
Operator friendly
BABA Act Compliant



Certified to
NSF/ANSI/CAN
Standard 61

Features

- ▶ Patented up-flow design
- ▶ Convenient 5 jumbo-cartridge cluster design
- ▶ Fail safe lids with individual studs
- ▶ Rated for pressures to 150 PSI
- ▶ Rated for temperatures to 140°F (60°C)
- ▶ Electropolished T-316L stainless steel housing with CPVC standpipes
- ▶ Minimal pressure drop with Harmsco® cartridges due to pleated design and increased filter area
- ▶ NSF/ANSI/CAN Standard 61 certified



HIF 5X170FL T- 316L BABA

Applications

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



HARMSCO® Filtration Products



Made in USA

Cartridge Sizing Guide



Certified to NSF/ANSI/CAN Standard 61

Cartridges available in the following media grades:

Polyester-Plus™, Harmsco-Free, SureSafe™, EZ Clean, Poly-Mesh

Filter Model	No. of Cartridges	Pleated Media Area (sq.ft.)	Length (in.)	O.D. (in.)	Recommended Flow Rate* (GPM)	Max Flow Rate (GPM)	Max Flow Rate (LPM)	Max Flow Rate (m ³ /hr)
HIF 5X170FL T-316L BABA	5	850	30-3/4	7-3/4	525	750	2,839	170

Poly-Pleat™

HIF 5X170FL T-316L BABA	5	500	30-3/4	7-3/4	250*	—	—	—
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* recommended for 2 log removal

All-Poly

HIF 5X170FL T-316L BABA	5	375	30-3/4	7-3/4	300**	500	380	180
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** based on 1, 5, 10, 20 and 50 micron ratings

Carbon Block

HIF 5X170FL T-316L BABA	5	450	30-3/4	7-3/4	75***	—	—	—
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*** recommended flow for maximum chlorine removal

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



Hurricane® Cartridge
Length and O.D.

Ordering Information

Filter Model	Height	Width	Diameter	Inlet	Outlet	Pipe Size I/O NPS	Drain Size NPT	Floor Space	Service Height	Shipping Wt. (lbs.)
HIF 5X170FL T-316L BABA	46"	26"	26"	5"	5"	4" Flange	1-1/2"	28"x28"	85"	260

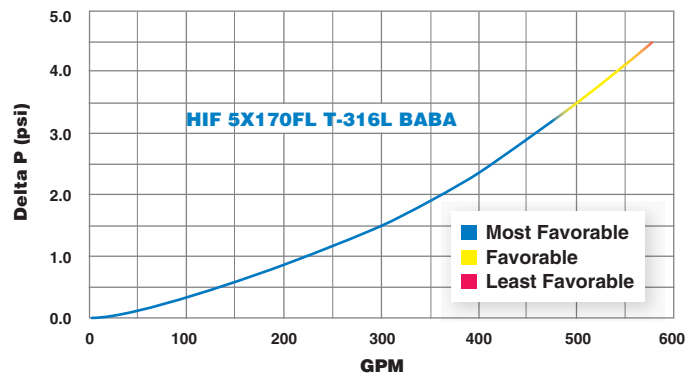
Filter Specifications

- ▶ Electropolished T-316L stainless steel
- ▶ Standpipes - CPVC standard
- ▶ Inlet/Outlet - 4" flanged standard
- ▶ O-ring housing seal - Buna-N standard, EPDM, Viton options
- ▶ Pressure - Up to 150 psi (10.3 bar) max.
- ▶ Temperature - Up to 140°F (60°C)

Pressure Drop Chart

Pressure Drop vs. Flow Rate

The total head loss data shown indicates pressure drop with HIF 5X170FL T-316L BABA filter housing and 20-micron filter cartridges in clean water.



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.



HARMSCO® Filtration Products

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10/25 Rev. 1