

HARMSCO®

BABA

HIF 3X170FL 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



HIF 3X170FL T-316L BABA

Features

- ▶ Patented up-flow design
- ▶ Convenient 3 jumbo-cartridge cluster design utilizing 510ft² of filtration area
- ▶ Fail safe lid with individual studs
- ▶ Rated for pressures to 125 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

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 (m³/hr)
HIF 3X170FL T-316L BABA	3	510	30-3/4	7-3/4	315	450	1,703	102

Poly-Pleat™

HIF 3X170FL T-316L BABA	3	300	30-3/4	7-3/4	150*	—	—	—
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* recommended for 2 log removal

All-Poly

HIF 3X170FL T-316L BABA	3	225	30-3/4	7-3/4	180**	300	228	108
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** based on 1, 5, 10, 20 and 50 micron ratings

Carbon Block

HIF 3X170FL T-316L BABA	3	270	30-3/4	7-3/4	45***	—	—	—
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*** recommended flow for maximum chlorine reduction

Flow rates shown above are for guidelines only. Actual flow rates are based on cartridge type, micron rating, viscosity, solids content and various other factors. For complete flow and 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 3X170FL T-316L BABA	48.25"	20"	20"	3" Flange	3" Flange	3" Flange	1-1/2"	24" x 24"	88"	210

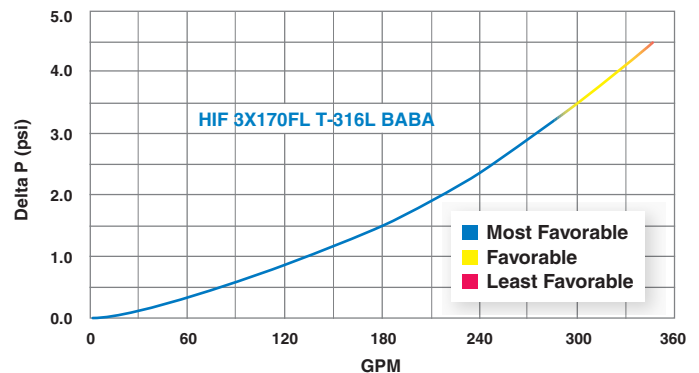
Filter Specifications

- ▶ Electropolished T-316L stainless steel
- ▶ Standpipes - CPVC standard
- ▶ Inlet/Outlet - 3" Flanged
- ▶ O-ring housing seal - EPDM standard, Buna-N, Viton optional
- ▶ Pressure - Up to 125 psi (8.6 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 3X170FL T-316 BABA 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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