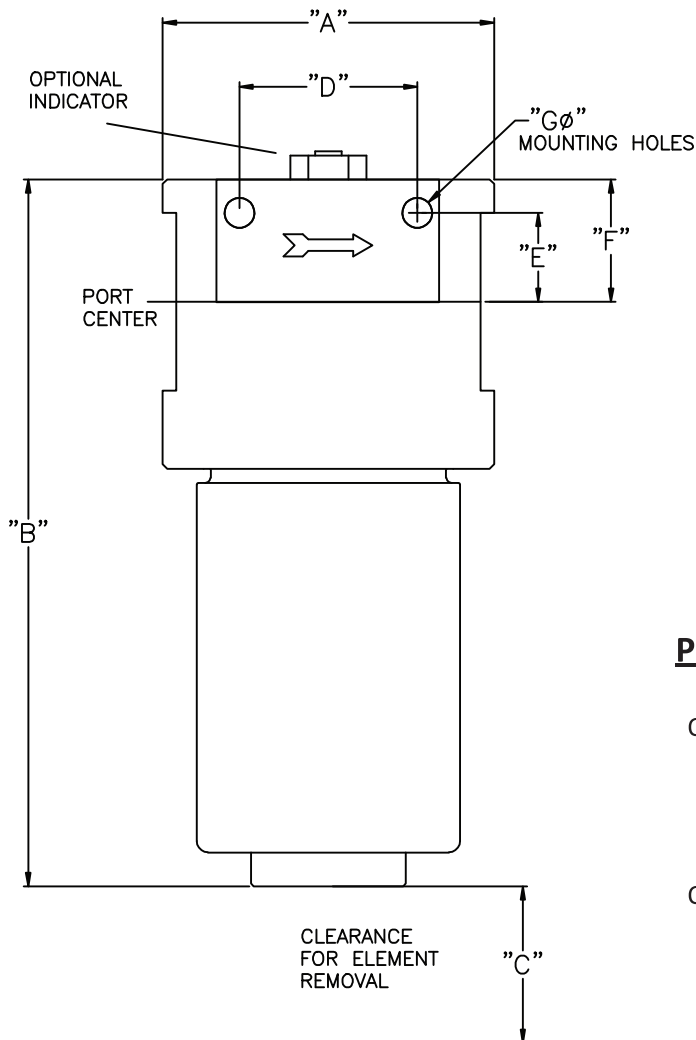


HY51 Series Tee-Type Filters



- Available in Aluminum (3K), 316 Stainless (6K) and Nitronic (9K)
- Flows up to 30,000 SCFM
- Various Micron Ratings Ranging from .1 to 1000 Available in Stainless Steel, Micro Glass, and Porous Sintered Stainless Steel
- Port Sizes Range from 1/4" to 1 1/2" FSAE

TEE-TYPE FILTERS



Optional Accessories

Visual Indicator Setting: 5 to 100 PSID

Bypass: 10 to 100 PSID

Bowl Drain: 1/4" FSAE

Gauge Ports: 1/4" FSAE

DIMENSIONS							
A	B	C	D	E	F	G	EL. SIZE
3.75	7.95	4.8	2.0	1.0	1.38	.345	51E
3.75	10.64	7.4	2.0	1.0	1.38	.345	53E
5.0	14.20	9.9	2.25	1.38	1.88	.40	55E

Pressure Ratings

Aluminum (3K)

Operating: 3,000 PSI

Proof: 4,500 PSI

Burst: 12,000 PSI

Stainless (6K)

Operating: 6,000 PSI

Proof: 9,000 PSI

Burst: 24,000 PSI

Nitronic (9K)

Operating: 9,000 PSI

Proof: 13,500 PSI

Burst: 36,000 PSI

Temperature Ratings

Elements

Micro Glass -70°F to +325°F

Stainless -425°F to +1000°F

Sintered -425°F to +1000°F

O-Rings

Buna -40°F to +250°F

Viton -20°F to +400°F

EPR -60°F to +400°F

Teflon -425°F to +450°F

Chemraz -40°F to +550°F

Butyl -64°F to +225°F

EO540 Parker -70°F to +250°F

Urethane -60°F to +225°F

HY51 Series How to Order

Optional

			A	B	C	D	E	F	G	H	Optional					
			HY51	A	-	10	4	S	-	25S	E	N	-	V	B2	B25
Section A	Description	Code														
Filter Series	Tee-Type Filters up to 6000 PSI	51	51													
Section B																
Housing Material & Pressure	Aluminum 3000 PSI	A		A												
	Nitronic 50 9000 PSI	N		N												
	316 SS - 6000 PSI	T		T												
Section C	Element Size															
Flow - SCFM	2500 SCFM	51E		10		10										
	6500 SCFM	53E		24		24										
	30000 SCFM	55E		50		50										
Section D																
Port Size	1/4"		4			4										
	3/8"		6			6										
	1/2"		8			8										
	3/4"		12			12										
	1"		16			16										
	1 1/4"		20			20										
1 1/2"		24			24											
Section E																
Inlet/Outlet Type	SAE		S				S									
Section F	Material	Micron/Nom	Micron/Abs													
Micron Rating/ Material	316 Sintered SSTL	0.2	.2P					.2P								
	316 Sintered SSTL	0.7	.7P					.7P								
	316 Sintered SSTL	2	2P					2P								
	316 Sintered SSTL	5	5P					5P								
	316 SSTL FMF	3	3F					3F								
	316 SSTL FMF	5	5F					5F								
	316 SSTL FMF	10	10F					10F								
	Microglass	1	1M					1M								
	Microglass	3	3M					3M								
	Microglass	5	5M					5M								
	Microglass	10	10M					10M								
	Microglass	25	25M					25M								
	304 SSTL	2	10	10S				10S								
	304 SSTL	5	18	18S				18S								
	304 SSTL	10	25	25S				25S								
	304 SSTL	40	75	75S				75S								
	304 SSTL	100	150	150S				150S								
	Section G															
Collapse Rating	300 PSID Microglass		C					C								
	3250 PSID Microglass		D					D								
	4500 PSID Stainless Wire		E					E								
	2000 PSID 316 Sintered		F					F								
	3000 PSID 316 SSTL FMF		G					G								
Section H																
O-Ring Material	Buna -40°F to +250°F		N					N								
	Viton® -20°F to +400°F		V					V								
	EPR -60°F to +400°F		E					E								
	Teflon® (Consult Factory) -425°F to +450°F		T					T								
	Chemraz® -40°F to +550°F		C					C								
	BUTYL -65°F to +225°F		B					B								
	EO540 Parker 70°F to +250°F		PE					PE								
Urethane -60°F to +225°F		U					U									
Section I																
Optional Accessories	Visual Indicator		V											V		
	1/4" SAE ΔP Ports		D4											D4		
Section J																
Optional Bowl Drain	1/4" SAE		B4												B4	
Section K																
Optional Bypass	Insert Pressure Setting		B**													B**
	Default Setting is 50 PSID															
	Bypass is not available with ΔP Ports															

Replacement Element

		C	E	F	G	H	
		51	E	-	25S	E	N
Section C	Description						
Element Size	See Section C for Element Size	51					
	Element		E				
Section F							
Micron/Material	See Section F for Micron Rating			25S			
Section G							
Collapse Rating	See Section G for Collapse Rating				E		
Section H							
O-Ring Material	See Section H for Collapse Rating					N	