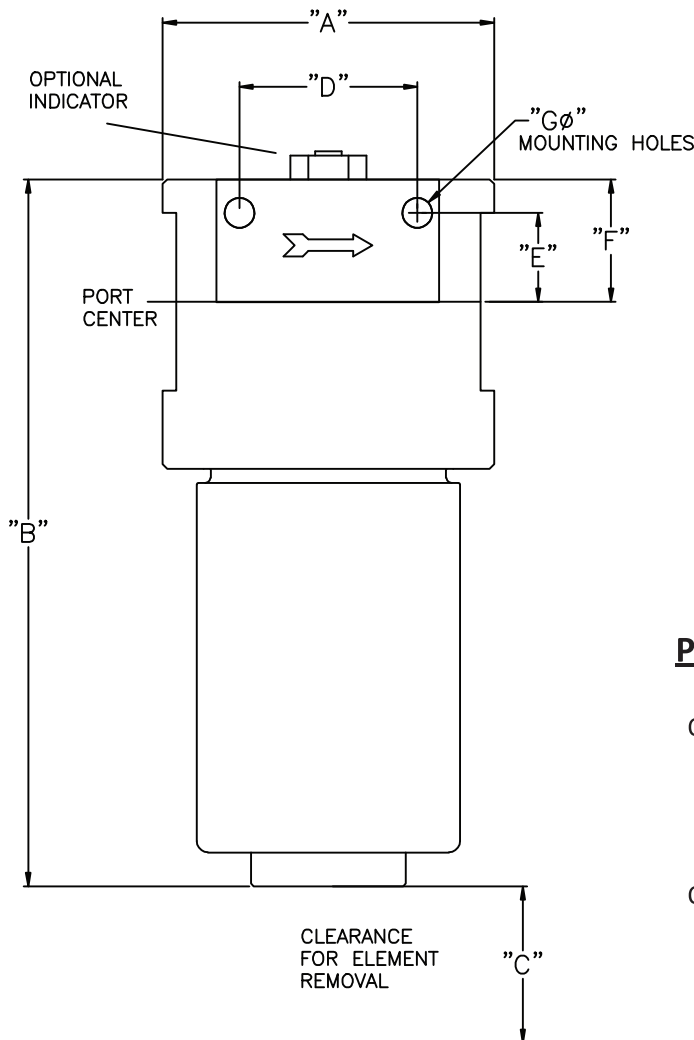


HY51 Series Tee-Type Filters



- 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 -320°F to +550°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														
	316 Sintered SSTL	0.7	.7P														
	316 Sintered SSTL	2	2P														
	316 Sintered SSTL	5	5P														
	316 SSTL FMF	3	3F														
	316 SSTL FMF	5	5F														
	316 SSTL FMF	10	10F														
	Microglass	1	1M														
	Microglass	3	3M														
	Microglass	5	5M														
	Microglass	10	10M														
	Microglass	25	25M														
	304 SSTL	2	10	10S													
	304 SSTL	5	18	18S													
	304 SSTL	10	25	25S													
	304 SSTL	40	75	75S													
	304 SSTL	100	150	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) -320°F to +550°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**	**Indicates Pressure Setting														
	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			