

HY52 Series Tee-Type Filters (10K, 15K)



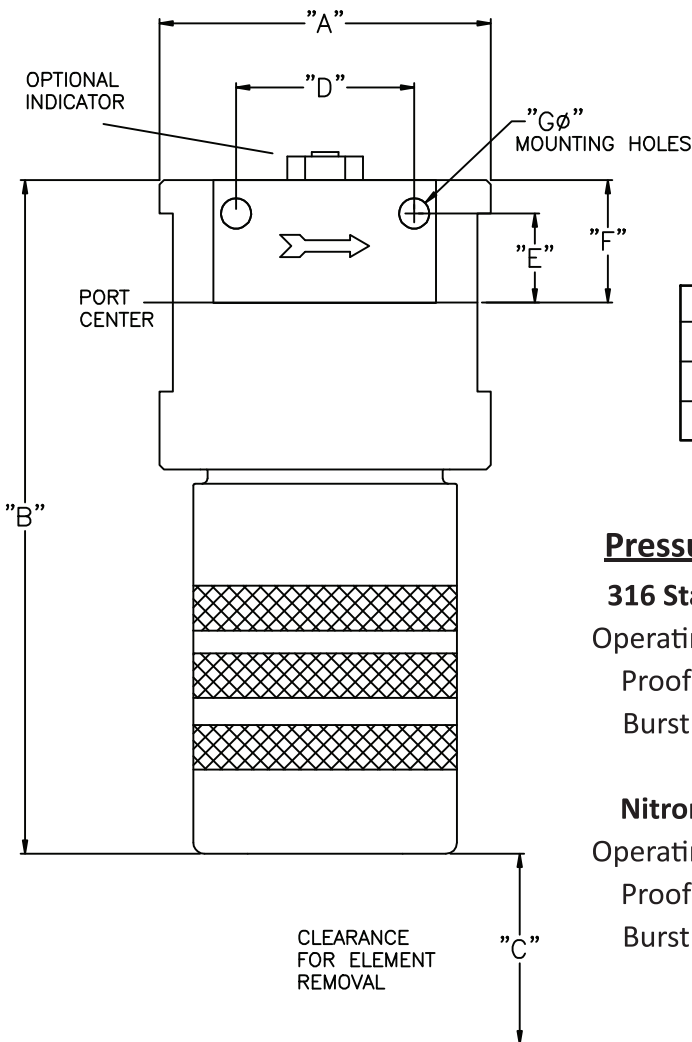
- Available in 316 Stainless (10K) and Nitronic 50 (15K)
- Flows up to 10,000 SCFM
- Various Micron Ratings Ranging from .2 to 150 Available in Stainless Steel, Micro Glass and Porous Sintered Stainless Steel
- Port Sizes Range from 1/4" to 3/4" MP Port and HP Ports

TEE-TYPE FILTERS

Optional Accessories

Bowl Drain Ports: 1/4" FNPT (10K only)
and 1/4" MP

Gauge Ports: 1/4" FNPT (10K only)
and 1/4" MP



DIMENSIONS

A	B	C	D	E	F	G	EL. SIZE
5.0	9.60	5.90	2.25	1.38	1.88	.40	51E
5.0	12.48	8.88	2.25	1.38	1.88	.40	53E

Pressure Ratings

316 Stainless (10K)
Operating: 10,000 PSI
Proof: 15,000 PSI
Burst: 40,000 PSI

Nitronic 50 (15K)
Operating: 15,000 PSI
Proof: 22,500 PSI
Burst: 60,000 PSI

Temperature Ratings

Elements

Micro Glass -70°F to +325°F
Stainless -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
Kalrez -40°F to +550°F
Teflon Encapsulated Viton -4°F to +400°F
Teflon -325°F to +500°F

HY 52 Series How to Order

Optional

Example Part Number

A	B	C	D	E	F	G	H	I	J
HY52	T	- 10	4	MP	- 10S	E	N	- V	B2

Section	Description	Code	A	B	C	D	E	F	G	H	I	J
Section A	Filter Series	Tee-Type Filters up to 15,000 PSI	51	51								
Section B	Housing Material & Pressure	316 Stainless 10,000 PSI Nitronic 50 15,000 PSI	T	T								
Section C	Flow - SCFM	3,000 SCFM 10,000 SCFM	51E 53E	10 24	10 24							
Section D	Port Size	1/4" 3/8" 9/16" 3/4"	4 6 9 12		4 6 9 12							
Section E	Inlet/Outlet Type	Medium Pressure High Pressure	MP HP				MP HP					
Section F	Micron Rating/ Material	Material	Micron/Nom	Micron/Abs								
		316 Sintered SSSL	0.2	.2P			.2P					
		316 Sintered SSSL	0.7	.7P			.7P					
		316 Sintered SSSL	2	2P			2P					
		316 Sintered SSSL	5	5P			5P					
		Microglass	1	1M			1M					
		Microglass	3	3M			3M					
		Microglass	5	5M			5M					
		Microglass	10	10M			10M					
		Microglass	25	25M			25M					
		304 SSSL	2	10	10S		10S					
		304 SSSL	5	18	18S		18S					
		304 SSSL	10	25	25S		25S					
		304 SSSL	20	40	40S		40S					
		304 SSSL	40	75	75S		75S					
		304 SSSL	100	150	150S		150S					
Section G	Collapse Rating	300 PSID Microglass 3250 PSID Microglass 4500 PSID Stainless Wire 2000 PSID 316 Sintered	C D E F				C D E F					
Section H	O-Ring Material	Buna -40°F to +250°F Viton® -40°F to +400°F EPR -60°F to +400°F Kalrez® -40°F to +500°F Teflon Encapsulated Viton -4°F to +400°F Teflon® -325°F to +500°F	N V E K S T				N V E K S T					
Section I	Optional Accessories	1/8" NPT ΔP Ports *10,000 PSI Only 1/4" NPT ΔP Ports *10,000 PSI Only 1/4" MP ΔP Ports	D1 D2 MP4				D1 D2 MP4					
Section J	Optional Bowl Drain	1/8" NPT *10,000 PSI Only 1/4" NPT *10,000 PSI Only 1.4" MP	B1 B2 MP4				B1 B2 MP4					

Replacement Element

Section	Description	1	2	3	4	5
Section C	Element Size	51				
	See Section C for Element Size	51				
	Element		E			
Section F	Micron/Material			10S		
	See Section F for Micron Rating			10S		
Section G	Collapse Rating				E	
	See Section G for Collapse Rating				E	
Section H	O-Ring Material					N
	See Section H for O-Ring Material					N