

52 Series Tee-Type Filters (10K, 20K)

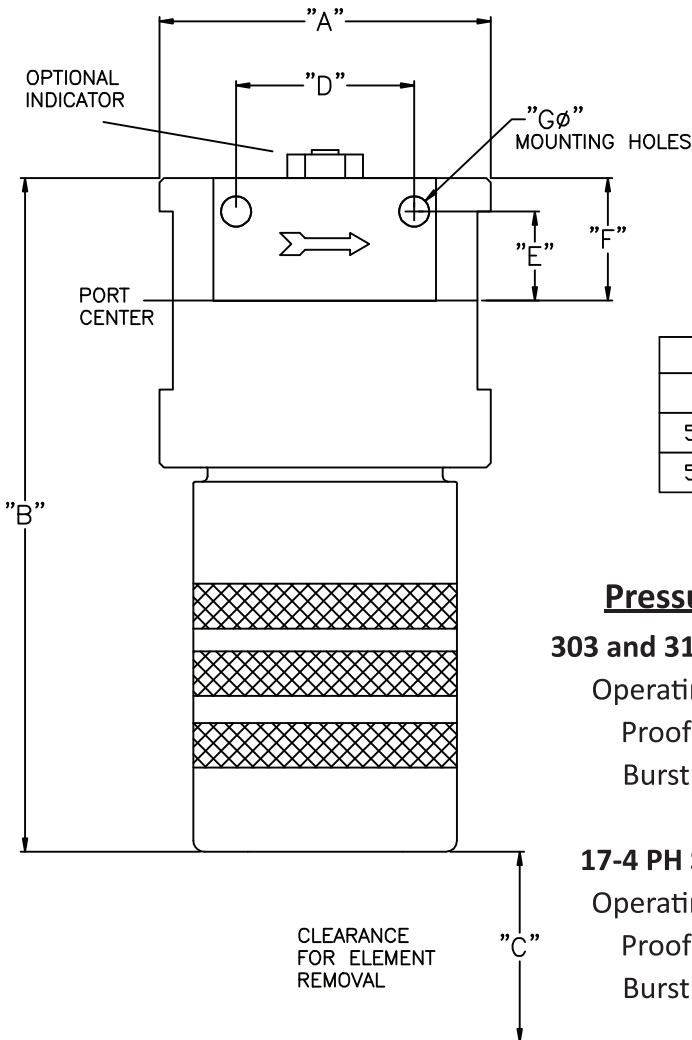


- ▶ Available in 303, 316 Stainless (10K) and 17-4 PH Stainless (20K)
- ▶ For Flow Data, Contact Factory
- ▶ Various Micron Ratings Ranging from .2 to 150 Available in Stainless Steel, Micro Glass and Porous Sintered Stainless Steel
- ▶ Port Sizes Range from 1/4" to 3/4" FNPT (10K only) and 1/4" to 3/4" MP Port and HP Ports

TEE-TYPE FILTERS

Optional Accessories

- Bowl Drain: 1/8" and 1/4" FNPT (10K only)
1/4" MP Ports
- Gauge Ports: 1/8" and 1/4" FNPT (10K only)
1/4" MP Ports



DIMENSIONS								
A	GPM SIZE	B	C	D	E	F	G	EL. SIZE
5.0	10	9.60	5.90	2.25	1.38	1.88	.40	51E
5.0	24	12.48	8.88	2.25	1.38	1.88	.40	53E

Pressure Ratings

303 and 316 Stainless (10K)

Operating: 10,000 PSI
Proof: 15,000 PSI
Burst: 40,000 PSI

17-4 PH Stainless (20K)

Operating: 20,000 PSI
Proof: 30,000 PSI
Burst: 80,000 PSI

Temperature Ratings

Elements

Micro Glass -65°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
Kalrez -40°F to +550°F
Teflon Encapsulated Viton -4°F to +400°F
Teflon -425°F to +450°F

52 Series How to Order

Optional

Example Part Number

A	B	C	D	E	F	G	H	I	J			
52	P	-	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 20,000 PSI	51									
Section B	Housing Material & Pressure	303 Stainless 10,000 PSI 316 Stainless 10,000 PSI 17-4H Stainless 20,000 PSI	S T P	S T P								
Section C	Flow - SCFM	10 GPM / 300 SCFM 24 GPM / 1200 SCFM	51E 53E	10 24	10 24							
Section D	Port Size	1/4" 3/8" 1/2" 9/16" *Medium Pressure Only 3/4" *Medium Pressure Only	4 6 8 9 12		4 6 8 9 12							
Section E	Inlet/Outlet Type	Medium Pressure NPT *10,000 PSI Only For Butt weld or Socket weld - Consult the Factory	MP P				MP P					
Section F	Micron Rating/ Material	316 Sintered SSTL 316 Sintered SSTL 316 Sintered SSTL 316 Sintered SSTL Microglass 3250 PSID Microglass 3250 PSID Microglass 3250 PSID Microglass 3250 PSID Microglass 3250 PSID 304 SSTL 304 SSTL 304 SSTL 304 SSTL 304 SSTL 304 SSTL 304 SSTL 304 SSTL	Micron/Nom 0.2 0.7 2 5 1 3 5 10 25 2 5 10 20 40 75 100	Micron/Abs .2P .7P 2P 5P 1M 3M 5M 10M 25M 10S 18S 25S 40S 75S 100S 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® -425°F to +450°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

1	2	3	4	5	
51	E	-	10S	E	N

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



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Please visit: www.chasefiltercompany.com to download 3D Models & Step Drawings