



High Pressure Technologies, LLC.

HPT

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8700 SERIES

Up To 30,000 PSI Operating



Ask your HPT representative for the HPT Filter Interchange Guide with over 100,000 interchangeable elements available.

HOW TO ORDER

EXAMPLE FILTER ASSEMBLY

<u>G</u>	87	<u>9</u>	<u>8F</u>	-	<u>3M</u>	<u>D</u>	<u>S</u>	-	<u>V</u>	<u>B</u>	<u>BMP</u>
A		B	C		D	E	F		G	H	I

EXAMPLE ELEMENT ASSEMBLY

<u>232</u>	-	<u>1PM</u>	<u>F</u>	<u>S</u>
B		D	E	F

A

HOUSING MATERIAL	
A	Aluminum 2,000 PSI
G	316 SS 6,000-PSI
P	17-4 PH 20,000-PSI*

B

Element Size	
9	232

* 10,000-PSI max with NPT ports
30,000-PSI max with HP ports

C

PORTING		
CODE	DESC.	AVAILABILITY
2F	1/8-NPT	A,G,G1 & P*
4F	1/4-NPT	A,G,G1 & P*
6F	3/8-NPT	A,G,G1 & P*
8F	1/2-NPT	A,G,G1 & P*
4S	1/4-SAE	A,G, & G1
8S	1/2-SAE	A,G,&G1
1	1/4-MP	G1 & P
2	3/8-MP	G1 & P
3	9/16-MP	G1 & P

D

MICRON RATING						
CODE	NOM.	ABS	C	M	PM	W
1PM	0.2	0.5			x	
1M	N/A	1		x		
2PM	0.5	1			x	
3M	N/A	3		x		
3PM	1	3			x	
4PM	3	5			x	
6M	N/A	6		x		
10W	2	10				x
3C	3	10	x			
12M	N/A	12		x		
18W	5	18				x
10C	10	25	x			
25M	N/A	25		x		
25W	10	25				x
75W	40	75				x
100W	75	100				x
200W	100	200				x

C = Cellulose
M = Microglass
PM = 316 Sintered Metal
W = 304 Woven Wire Mesh

E

COLLAPSE RATING	
CODE	DESCRIPTION
A	Cellulose 150-PSI
C	Microglass 300-PSI
D	Microglass 3,250-PSI
E	304 Wire Mesh 4,5000-PSI
F	316 Sintered 2,000-PSI

F

O-RING SPECIFICATIONS		
CODE	MATERIAL	TEMPERATURES
N**	Nitrile(Buna)	-40° to 250°F
V**	Viton®	-20° to 400°F
E	Ethylene Propylene	-60° to 300°F
K	Kalrez®	-40° to 550°F
S	Teflon Encapsulated Viton Core	-4° to 400°F

**for 90- durometer add 9 to code (example: V9)
©DuPont

H

BYPASS	
B*	Bypass
* Insert Pressure Setting Default is 50 PSID	

I

BOWL DRAIN		
CODE	DESCRIPTION	AVAILABILITY
B1	1/8-NPT	A & G
B2	1/4-NPT	A & G
B4	1/4-SAE	A & G
BMP	1/4-MP	P

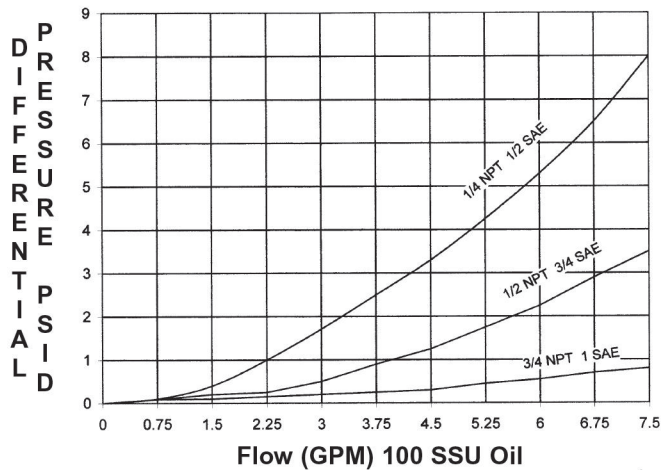
G

ACCESSORIES		
CODE	DESCRIPTION	AVAILABILITY
V	Visual Indicator	A,G, & P
E	Electrical Indicator	A,G, & P
D1	1/8-NPT Δ P Port	A,G
D2	1/4-NPT Δ P Port	A,G
D4	1/4-SAE Δ P Port	A,G
DMP	1/4-MP Δ P Port	P

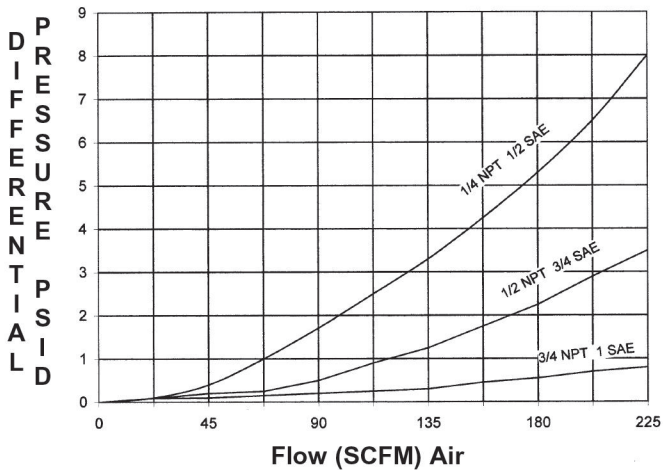
**Consult Factory
for Availability on
all Accessories
and Bypasses**

**Consult Factory
on use of Teflon
Over 6,000 - PSI**

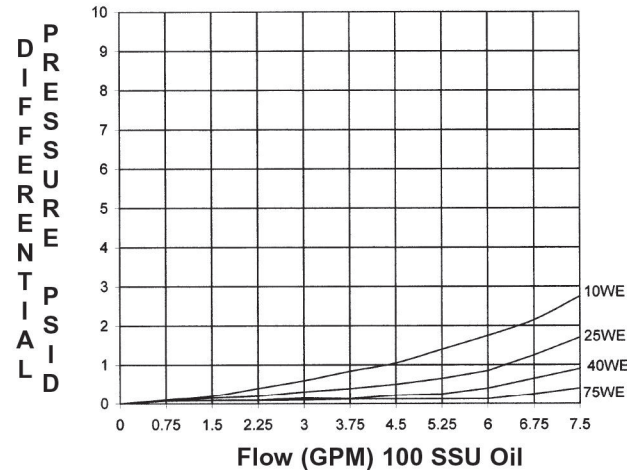
8700 Filter Housing Less Element



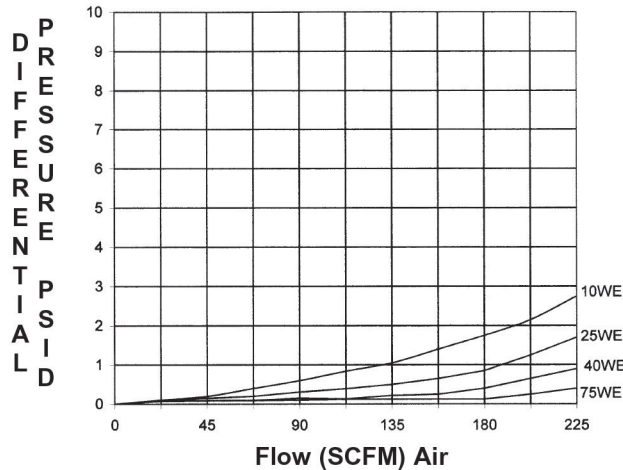
8700 Filter Housing Less Element



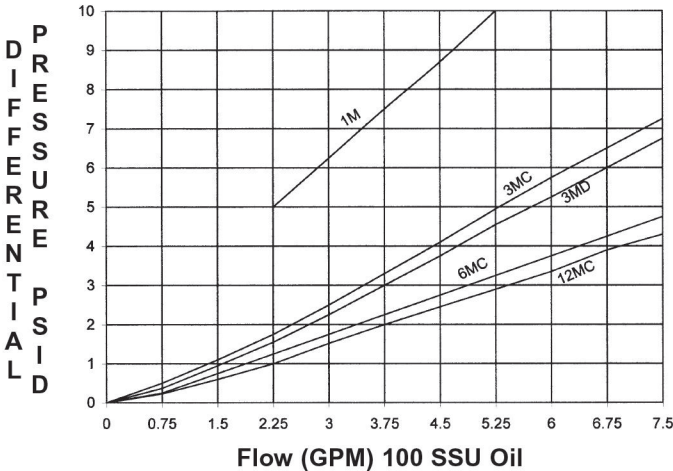
232 Stainless Element



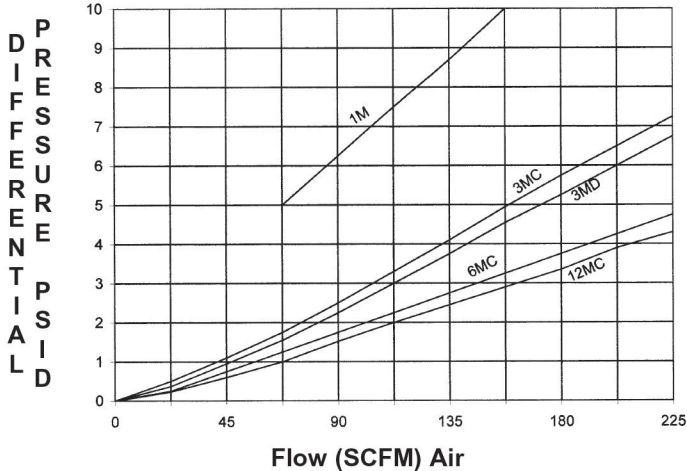
232 Stainless Element

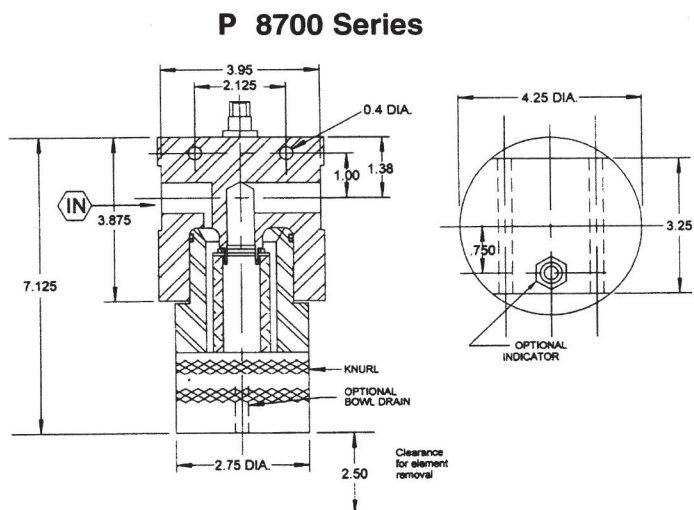
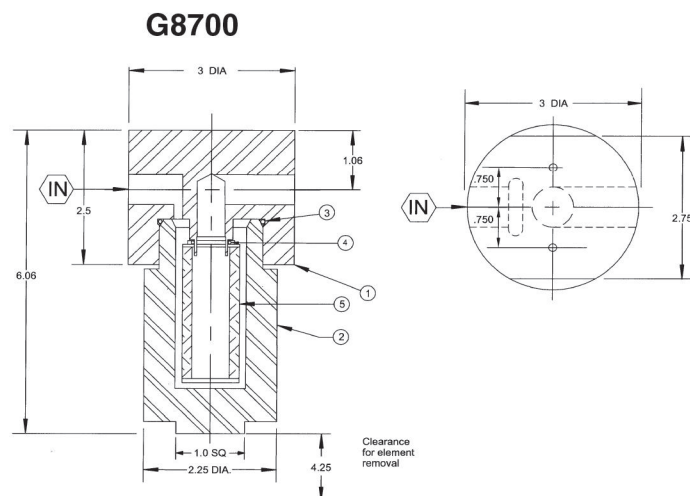
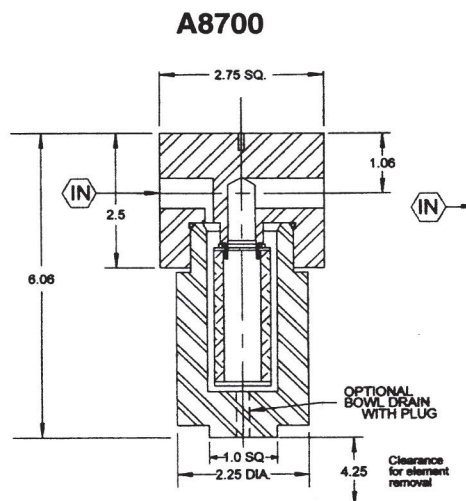


232 Micro-Glass Element



232 Micro-Glass Element





Specification

Housing

Material

Operating (PSI)

Proof (PSI)

Burst (PSI)

Weight (LBS.)

	A	G	P
Material	Aluminum	303/316 SS	17-4PH
Operating (PSI)	2,000	6,000	20,000*
Proof (PSI)	3,000	9,000	30,000
Burst (PSI)	8,000	24,000	100,000**
Weight (LBS.)	2	6	16

* 10,000-PSI max with NPT ports
30,000-PSI max with HP ports

** Indicators and Bypass Have
Been Tested to 60,000 PSI
Without Leaking