



## SERIES 'G' | CARTRIDGE FILTER CHAMBERS

### FEATURES AND BENEFITS



- **12 Column Chamber**
  - **Non-Metallic Solution Contact:**  
CPVC, PVC or Polypropylene Construction.  
(See a chemical resistance chart)
  - **Heavy Duty Construction:**  
Pressure Ratings to 80psi (552 KPa)  
(See pressure/temperature table on page 2)  
Clamp Ring Closure.
  - **Variety of Sizes:**  
From 12 to 60 - 10" Cartridge Capacity.  
(Or equivalent 20", 30", or 40" Lengths)
  - **Port Size:**  
1-1/2" NPT Standard, BSP Optional.
  - **O-Ring Seal at Cover & Vent Valve:**  
EPDM standard, FKM optional.
  - **Flow Rates to 125 GPM:**  
Depending on style and length of filtration media,  
as well as chemistry characteristics.
  - **Easy Service:**  
SS Swing Bolt Cover Closure with Tee Handles.  
No Tools Required.
- Can Be Used with a Variety of Filter Media (order separately)**
- Depth Wound, Pleated or Carbon Cartridges
  - Positive Cartridge Seal for:  
Standard - DOE . . . Double Open End  
Optional - SOE . . . Single Open End for 222 O-Ring

### SERIES 'G' CHAMBERS: ORDER INFORMATION

MATERIAL	DESCRIPTION	MODEL NUMBER	PRICE CODE	CONN. SIZE	CARTRIDGE LENGTH
PVC	PVC shell, CPVC base and cover, CPVC vent valve and internals.	PL120SIO 1-1/2-G3A	78-1901-P	1-1/2" NPT	10
		PL240SIO 1-1/2-G3A	78-1902-P		20
		PL360SIO 1-1/2-G3A	78-1903-P		30
		PL480SIO 1-1/2-G3A	78-1904-P		40
		PL600SIO 1-1/2-G3A	78-1905-P		50
CPVC	CPVC base, cover, shell, vent valve and internals.	CL120SIO 1-1/2-G3A	78-1901-C	1-1/2" NPT	10
		CL240SIO 1-1/2-G3A	78-1902-C		20
		CL360SIO 1-1/2-G3A	78-1903-C		30
		CL480SIO 1-1/2-G3A	78-1904-C		40
		CL600SIO 1-1/2-G3A	78-1905-C		50
PP	Polypropylene base, cover, shell, vent valve and internals.	PPL120SIO 1-1/2-G3A	78-1901-PP	1-1/2" NPT	10
		PPL240SIO 1-1/2-G3A	78-1902-PP		20
		PPL360SIO 1-1/2-G3A	78-1903-PP		30
		PPL480SIO 1-1/2-G3A	78-1904-PP		40
		PPL600SIO 1-1/2-G3A	78-1905-PP		50



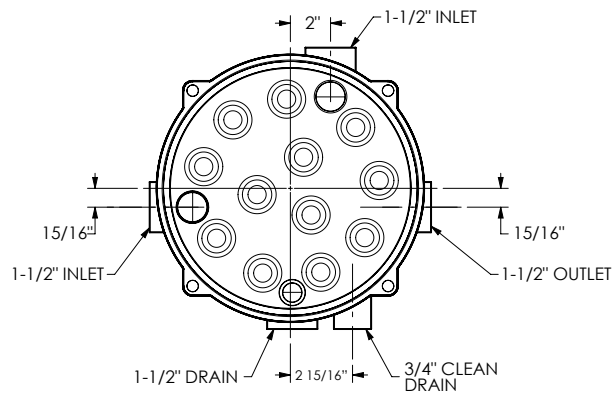
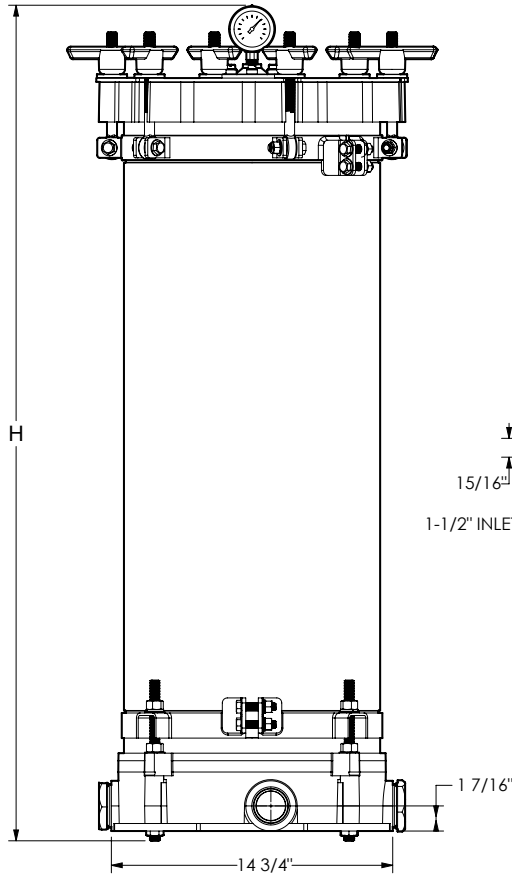
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## TECHNICAL INFORMATION

FLOW RATE vs. PRESSURE DIFFERENTIAL		
MODEL	@ 5 PSI	@ 15 PSI
1-1/2" G-Chamber	60 GPM 227 LPM	110 GPM 416 LPM
With 15 micron depth wound cartridges		

MAX. PSI AT OPERATING TEMP. W/ TOP & BOTTOM REINFORCING PLATES			
TEMPERATURE	PVC	PP	CPVC
70°F	80	75	80
100°F	75	60	75
120°F	40	50	70
140°F	25	40	55
170°F	-	15	35
200°F	-	-	30

Maximum differential pressure from inlet to outlet is 40PSI at 68°F



SERIES 'G' CHAMBERS							
CHAMBER			CARTRIDGES - Max Diameter 2-3/4"				
MODEL	HEIGHT 'H' (in.)	SHIPPING WEIGHT (lbs.)	SIZE & NUMBER				SOLIDS AREA (ft <sup>2</sup> )
			10"	20"	30"	40"	
120S-1-1/2	21-1/4	82	12	-	-	-	42
240S-1-1/2	31-1/4	89	24	or 12	-	-	84
360S-1-1/2	41-1/4	97	36	-	or 12	-	126
480S-1-1/2	51-1/4	104	48	or 24	-	or 12	168
600S-1-1/2	61-1/4	112	60	or 12	-	12	210

## OPTIONAL EQUIPMENT

TO ORDER	ADD TO MODEL NO.	ADD TO PRICE CODE NO.	TO ORDER	ADD TO MODEL NO.	ADD TO PRICE CODE NO.
FKM Elastomers	Change 'L' to 'V'	- V	222 O-Ring Seat for SOE Cartridge. Top Seats, Cross Posts and Springs Not Furnished	- 2	- 2
1-1/2" BSP Connections*	- B	- B			
<sup>1</sup> Consult Factory for Flange or Socket Connection.					