

Chemical resistant pumps & filters engineered for industry

## SERIES 'G' | CARTRIDGE FILTER CHAMBERS



### FEATURES AND BENEFITS

(R)

12 Column Chamber

### Non-Metallic Solution Contact:

CPVC 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			
CPVC	CPVC base, cover, shell, vent valve and internals.	CL120SIO 1-1/2-G3A CL240SIO 1-1/2-G3A CL360SIO 1-1/2-G3A CL480SIO 1-1/2-G3A CL600SIO 1-1/2-G3A	78-1901-C 78-1902-C 78-1903-C 78-1904-C 78-1905-C	1-1/2" NPT	10 20 30 40 50			
РР	Polypropylene base, cover, shell, vent valve and internals.	PPL120SIO 1-1/2-G3A PPL240SIO 1-1/2-G3A PPL360SIO 1-1/2-G3A PPL480SIO 1-1/2-G3A PPL600SIO 1-1/2-G3A	78-1901-PP 78-1902-PP 78-1903-PP 78-1904-PP 78-1905-PP	1-1/2" NPT	10 20 30 40 50			

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## **TECHNICAL INFORMATION**

FLOW RATE v	s. PRESSUR	E DIFFERENTIAL	_	T OPERATING			
MODEL	@ 5 PSI	@ 15 PSI	TOP & BOTTO	OM REINFORCI	NG PLATE		
1-1/2" G-Chamber	60 GPM 227 LPM	110 GPM 416 LPM	TEMPERATURE	CPVC	PP		
th 15 micron depth wou			70°F 100°F	80 75	75 60		
Ā			120°F 140°F 170°F 200°F	70 55 35 30	50 40 15 -		
			Maximum differential pressure from inlet to outlet is 40PSI at 68°F				
H H H H H H H H H H H H H H H H H H H							
	CHAMBER			CARTRIDGES - Max Diameter 2-3/4"			
MODEL	HEIGHT 'H' (in.)	SHIPPING WEIGHT (lbs.)	SIZE & NUMBE		S		
120S-1-1/2 240S-1-1/2 360S-1-1/2 480S 1 1/2	21-1/4 31-1/4 41-1/4 51 1/4	82 89 97	12 - -   24 or 12 -   36 - or 12   40 - or 12	- 42 - 84 - 126			

# **OPTIONAL EQUIPMENT**

48 or 24 60 or 12

or

-

12

-

or 12

104

112

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		
1-1/2" BSP Connections*	- B	- B	Cartridge. Top Seats, Cross Posts and Springs	- 2	- 2
<sup>1</sup> Consult Factory for Flange or Socket Connection.			Not Furnished		

480S-1-1/2

600S-1-1/2

51-1/4

61-1/4

168

210