



# Analyzer Panel Filter

## Features

- Compact Footprint Provides Versatile Installation
- Break No Connections When Servicing Filter Element
- Low Internal Volume for Quick Response Time
- Hollow Tie Rod Provides Added Protection to Carry-Over During System Start-Ups

## Applications

- Ideal for Compact Analyzer Cabinets
- Pre-Filter for Guardian Membranes
- Multi-Port Analyzers

The 170 series of sample conditioning filters offer a unique solution for today's compact sample conditioning systems. The 170 is designed to sit inverted (upside down) or horizontally with all the connections (inlet/out, drain, and/or by-pass) in the head. No connections need to be broken to service the filter element.

Another added feature in this design is the **hollow tie rod on the outlet side. This path forces the filtered stream to the highest point within the vessel, which reduces liquid and solid carryover during system start-ups or upsets.** As always, a wide variety of elements and materials are available.



Housing Model	170 (Four Port)	170LB (Four Port)
Port Size (NPT)	1/4"	1/4"
Drain / By-Pass	1/4"	1/4"
Maximum Pressure (psig)	1500	1500
Internal Volume (cc)	45	65
Weight of Housing (lbs)	1.5	2.5
Principle Dimensions: (inches)		
Center Of Port To Head	0.43	0.43
Head Diameter	2.12	2.12
Overall Length	3.23	4.37
Element Removal Clearance	1.65	2.83
Maximum Temp. (400°F)		
Standard Viton O-Ring	GV170	GV170
Filter Element Codes:		
Coalescing Element (Standard)	22-35-50CS	22-64-50CS
<b>*Other Elements Available - View Drawing</b>		
<b>Drawing</b>	<b><u>170</u></b>	<b><u>170LB</u></b>
<b>**For More Detail &amp; Options**</b>		

