



# Multi-Port Analyzer Housing

## Features

- 316L Stainless Steel Multi-Port Housing
- One Bowl Port
- Traditional T-Type
- Integral Support Core

## Applications

- CNG Analyzer Protection
- Sample Process Filter
- Duplicates Foot Pattern of 95S6
- Multi-Line Filter

The 120B / 122B series of filters are ideal for use with gaseous and liquid sample process analyzers. The small internal volume, compact design, and positive O-ring sealing mechanism make them perfect for demanding analyzer applications. They are constructed entirely of 316L stainless steel and are free of welds to comply with NACE MR-01-75. The 120B series is a versatile sample process filter, which encompasses the standard features of our 120 series housings, but also has a built-in support core.



The B4 model has four ports in the head and one in the bowl. The four head ports allow multi-sample streams to be serviced by one filter assembly or the multiple ports may be used for a gauge, vent, and/or drain. If using a head port as a drain, the B4 should be installed horizontally, or on a slight incline for the liquid to drain properly. When using the head port as a drain, element service is fast and simple since no connections need to be broken.

The built-in support core provides extra element stability in liquid streams, and superior collapse safety in heavily contaminated gaseous samples. The filter element merely slips over the core and is held in place by the bowl. An integral mounting bracket is included with the assembly.

**Flow Path of 120B4 Ports:  
(Multi-Port Housing)**  
**Port 1: Out to In**  
**Port 2: Out to In**  
**Port 3: Out to In**  
**Port 4: In to Out**  
**Port 5: Traditional Drain**

Housing Model	120B	122B	120B4	122B4
Port Size (NPT)	1/8"	1/4"	1/8"	1/4"
Drain Type (NPT)	1/8"	1/4"	1/8"	1/4"
Maximum Pressure (psig)	5000	5000	5000	5000
Internal Volume (cc)	30	30	30	30
Weight on Housing (lbs)	1.0	1.0	1.0	1.0
Principle Dimensions: (inches)				
Center Of Port To Head	0.39	0.39	0.39	0.39
Head Diameter	1.73	1.73	1.73	1.73
Overall Length	3.71	3.71	3.71	3.71
Element Removal Clearance	2.36	2.36	2.36	2.36
Maximum Temp. (400°F)				
Standard Viton O-Ring	GV120B	GV120B	GV120B	GV120B
Filter Element Codes: (1)				
Disposable Element (Standard)	12-57-□	12-57-□	12-57-□	12-57-□
<b>*Other Elements Available-View Drawing</b>				

### Drawing

\*\*For More Detail & Options\*\*

**120B**

**122B**

**120B4**

**122B4**

Notes: (1) Replace '□' with grade required, e.g. 12-57-50C

