



Multi-Port Filter Housings

PRODUCT FEATURES / BENEFITS

- ◆ 316L Stainless Steel Multi-Port Housing
- ◆ Traditional T-Type with Integral Support Core
- ◆ Analyzer Protection
- ◆ Sample Process Filter
- ◆ Multi-Line Filter

The 120B / 122B Series filters are designed for gaseous and liquid sample process analyzers. Their small internal volume, compact design, and positive O-ring sealing mechanism make them ideal for demanding analyzer applications. Constructed entirely of 316L stainless steel and free of welds, these housings comply with NACE MR-01-75.

The 120B Series builds on the standard features of our 120 Series housing and includes a built-in support core for enhanced element stability.

B4 Model Features:

- Four head ports and one bowl port **allow multiple sample streams** to be serviced by a single filter assembly or can accommodate gauges, vents, and/or drains.
- When using a head port as a drain, the B4 should be installed horizontally or on a slight incline to ensure proper liquid drainage. Element servicing is simple, as no connections need to be broken.

Design Advantages:

- The built-in support core provides extra stability for elements in liquid streams and superior collapse protection in heavily contaminated gaseous samples.
- Filter elements slip over the support core and are secured by the bowl.
- An integral mounting bracket is included for easy installation.



**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)	GV120B	GV120B	GV120B	GV120B
Standard Viton O-Ring				
Filter Element Codes: (1)				
Disposable Element (Standard)	12-57-□	12-57-□	12-57-□	12-57-□
*Other Elements Available-View Drawing				

Drawing

For More Detail & Options

120B

122B

120B4

122B4

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

SCA.16.A