

120B4 / 122B4 (MULTI-PORT) HOUSINGS

Features:

- 316L Stainless Steel Construction
- Four Head Ports
- One Bowl Port
- Integral Support Core
- Horizontal Or Vertical Mount
- Traditional T-Type Model 120B / 122B Available

Applications:

- Multi Line Filter
- Four Port Can Be Horizontally Mounted For Space Constraints
- Sample Process Filter

Flow Path of 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



The 120B4 / 122B4 series are versatile sample process filters, which encompasses the standard features of our 120 series housing, but also allows greater installation flexibility. The B4 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.

A model 120B / 122B (two head ports and one bowl port) is also available.

PRINCIPLE SPECIFICATIONS

Housing Model	120B4	122B4
Port Size (NPT)	1/8"	1/4"
Drain Type (NPT)	1/8"	1/4"
Maximum Pressure (psig)	5000	5000
Internal Volume (cc)	35	35
Maximum Temp. -Buna-N (250°F)	BN120B	BN120B
Maximum Temp. -EPDM (300°F)	GE120B	GE120B
Maximum Temp. -Viton (400°F)	GV120B	GV120B
Maximum Temp. -Silicone (450°F)	GS120B	GS120B
Maximum Temp. -Kalrez (600°F)	KZ120B	KZ120B
Principle Dimensions: (inches)		
Center Of Port To Head	0.39	0.39
Head Diameter	1.73	1.73
Overall Length	3.66	3.66
Element Removal Clearance	2.36	2.36
Filter Element Codes: (1)		
Disposable Element	12-57-□	12-57-□
Stainless Steel Element	SS-12-57-□	SS-12-57-□
PEL Element	PEL-12-57-□	PEL-12-57-□
PTFE Element	PT-12-57-□	PT-12-57-□
Materials Of Construction: (2)		
Head & Internals	316LSS	316LSS
Bowl	316LSS	316LSS
O-Rings (Standard)	Viton	Viton
Accessories:		
Mounting Bracket	MB120B4 Included	MB120B4 Included

FLOW RATE IN SCFM FOR ABOVE ASSEMBLIES WITH GRADE 50C ⁽³⁾ or 70C ⁽⁴⁾

Air Line Pressure (PSIG)	120B4 Series	
	50C	70C
15	3	7
30	4	10
60	7	17
100	11	27
150	15	36
250	23	56
500	44	108
1500	133	330
3000	265	659
5000	468	1118

- Notes: (1) Replace '□' with grade required, e.g. 12-57-50C, PT-12-57-03
 (2) Material abbreviations, 316LSS = 316L Stainless Steel
 (3) Flow rates for Grade 50C rated at 99.99% against 0.01 micron
 (4) Flow rates for Grade 70C rated at 95% against 0.01 micron



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