

120B / 122B (TWO-PORT) HOUSINGS

Features:

- 316L Stainless Steel Construction
- One Bowl Port
- Traditional T-Type
- Integral Support Core
- Multi Port Model Also Available

Applications:

- CNG Analyzer Protection
- Sample Process Filter
- Duplicates Foot Pattern Of 95S6
- Exact Plug In Of 95S6



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.

A model 120B4 / 122B4 (four ports and one bowl port) is also available.

PRINCIPLE SPECIFICATIONS

Housing Model	120B	122B
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	MBSS110	MBSS110

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

Air Line Pressure (PSIG)	120B 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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