

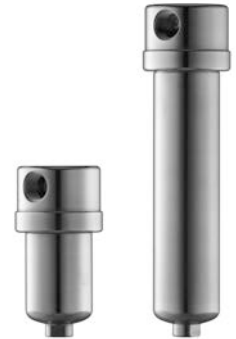


"A leading worldwide supplier of high efficiency filters for a variety of industries and applications."

1,500 PSIG STAINLESS STEEL HOUSINGS

The 130 and 140 series of filters are ideal for use with gaseous and liquid sample process analyzers, as well as other demanding applications. The small internal volume, compact design, and positive O-ring sealing mechanism make them perfect for challenging applications. They are constructed entirely of 316L stainless steel and are free of welds to comply with NACE MR-01-75.

These housings are also available with a PTFE seal, which requires a modified sealing design: simply add an "S" to the housing code, e.g. 132S. PTFE seals cannot be retrofitted into standard housings originally having a Viton O-ring. A high temperature gasket can only be fitted into the S version housing.



Features:

- 316L Stainless Steel Construction
- Pressure To 1,500 PSIG, Temperature To 900°F
- 3-Port Housings For Coalescing Or Bypass Filtration
- High Pressure Models Available
- Available In Hastelloy, Monel, Etc.

Applications:

- CNG Filtration
- Food And Dairy Process
- Sample Process Analyzers
- High Pressure Gas Production

At the heart of our filter products is the filter element. Choosing the correct element insures proper results for your specific application:

Disposable Microfiber Elements

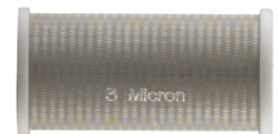
Disposable Microfiber Elements are most commonly used since they offer exceptional filtration, high flows with minimal pressure drops, and excellent chemical compatibility. These are ideal for use in sample conditioning, instrumentation, CNG, and Emission/Environmental service.

- For **Coalescing (liquid removal)** and particle collection use our grade "C". We recommend starting with the 70C which is rated at 95% efficient at 0.01 micron which provides outstanding filtration, at high flow rates.
- For **Particle removal** only use grade "K". We recommend starting with the 70K which is rated at 95% efficient at 0.01 micron which provides outstanding filtration, at high flow rates.
- For **Particulate removal** above 300°F (150°C) use grade "S".



Stainless Steel 5-Layer Mesh Elements

Stainless steel elements (SS) are designed for the filtration of heavily contaminated gas samples, CNG, and liquid streams since they are recleanable by back flushing or ultrasonic cleaning. Standard microns available: 0.5, 1, 3, 10, 25, 50, 100, and 200.



Sintered PTFE

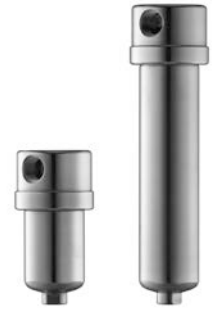
Sintered PTFE elements are used where only pure PTFE may contact the sample. They should be used in our PTFE series of housings based on the stainless steel models. Model 122P, 122PG, 130P, 130PG, 132P, 132PG, 142P. Standard microns available: 3, 10, and 25.

Sintered Polyethylene (PEL)

Sintered polyethylene elements (PEL) are used only in non-corrosive applications to remove bulk contaminants. Standard micron sizes available: 10, 25, and 75.

1,500 PSIG STAINLESS STEEL HOUSINGS

- NACE Complaint MR-01-75
- Fuel Gas Filter
- Wellhead Control Panel Filter
- Accepts Microfiber, Stainless Steel, PTFE, & PEL Filter Elements



TECHNICAL INFORMATION

Housing Model	130	132	140	142
Housing Model w/o Drain	134	136	144	146
Port Size (NPT)	1/4"	1/2"	1/4"	1/2"
Drain Type (NPT)	1/4"	1/4"	1/4"	1/4"
Maximum Pressure (psig)	1500	1500	1500	1500
Internal Volume (cc)	110	110	265	265
Maximum Temp. -Buna-N (250°F)	BN130	BN130	BN130	BN130
Maximum Temp. -EPDM (300°F)	GE130	GE130	GE130	GE130
Maximum Temp. -Viton (400°F) Standard	GV130	GV130	GV130	GV130
Maximum Temp. -Silicone (450°F)	GS130	GS130	GS130	GS130
Maximum Temp. -Kalrez (600°F)	KZ130	KZ130	KZ130	KZ130
Weight of Housing (lbs)	2.5	2.5	3.5	3.5
Principle Dimensions: (inches)				
Center Of Port To Head	0.59	0.59	0.59	0.59
Head Diameter	2.36	2.36	2.36	2.36
Overall Length	4.80	4.80	9.29	9.29
Element Removal Clearance	2.95	2.95	7.40	7.40
Filter Element Codes: (1)				
Disposable Element	25-64-□	25-64-□	25-178-□	25-178-□
Stainless Steel Element	SS-25-64-□	SS-25-64-□	SS-25-178-□	SS-25-178-□
PEL Element	PEL-25-64-□	PEL-25-64-□	PEL-25-178-□	PEL-25-178-□
PTFE Element	PT-25-64-□	PT-25-64-□	PT-25-178-□	PT-25-178-□
Materials Of Construction: (2)				
Head & Internals	316LSS	316LSS	316LSS	316LSS
Bowl	316LSS	316LSS	316LSS	316LSS
O-Rings (Standard)	Viton	Viton	Viton	Viton
Accessories:				
Mounting Bracket	MBSS130	MBSS130	MBSS130	MBSS130
Support Core	SC130	SC130	SC140	SC140
Housing Model w/ PTFE Seals	130S	132S	140S	142S
Maximum Temp. -PTFE (400°F) Standard	GP130S	GP130S	GP130S	GP130S

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

Air Line Pressure (PSIG)	130 Series		140 Series	
	50C	70C	50C	70C
15	6	11	10	13
30	8	16	15	19
60	13	26	25	32
100	21	44	40	50
150	29	58	55	68
250	45	89	83	106
500	87	173	163	209
1500	282	524	488	627

- Notes: (1) Replace '□' with grade required, e.g. 25-64-50C, PT-25-178-03
 (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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