

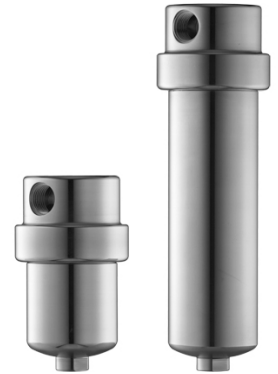


**"A leading worldwide supplier of high efficiency filters for a variety of industries and applications."**

## 3,000 PSIG STAINLESS STEEL HOUSINGS

The 130HP and 140HP series of filters are ideal for use with gaseous and liquid process filtration. Their rugged, yet simple design makes them a faultless solution for CNG applications as well as other high-pressure requirements. The small internal volume and compact design help eliminate carry-over during system start-up. For systems with heavy liquid content a shorter element may be easily installed to increase reservoir space.

These housings are readily available with SAE ports and are ideal as second stage filters for CNG Fueling / Dispenser Stations. This series is offered in 1500, 3000, 6000, & 10000 PSIG ratings.



### Features:

- 316L Stainless Steel Construction
- Compact Design
- 3,000 PSIG Rated
- 3-Port Housings For Coalescing Or Bypass Filtration
- Ideal For CNG Filtration

### Applications:

- Alternative Fuel Production
- Cryogenic Production
- Gas Plant Sampling

**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

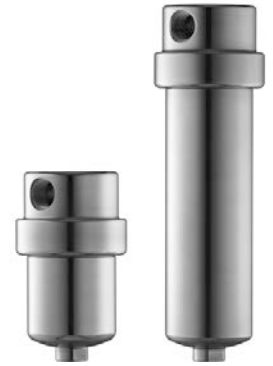
Sintered PTFE elements are used where only pure PTFE may contact the sample. They should be used in our PTFE series of housings based on the stainless steel models. Model 122P, 122PG, 130P, 130PG, 132P, 132PG, 142P. Standard microns available: 3, 10, and 25.

### 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.

# 3,000 PSIG STAINLESS STEEL HOUSINGS

- Compressed Natural Gas Filters
- Wellhead Control Panel Filters
- Seal Gas Filtration
- Available With SAE Connections
- Accepts Microfiber, Stainless Steel, PTFE, & PEL Filter Elements



## TECHNICAL INFORMATION

Housing Model	130HP	132HP	140HP	142HP
Housing Model w/o Drain	134HP	136HP	144HP	146HP
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)	3000	3000	3000	3000
Internal Volume (cc)	115	115	300	300
Maximum Temp. -Buna-N (250°F)	BN130HP	BN130HP	BN130HP	BN130HP
Maximum Temp. -EPDM (300°F)	GE130HP	GE130HP	GE130HP	GE130HP
<b>Maximum Temp. -Viton (400°F) Standard</b>	<b>GV130HP</b>	<b>GV130HP</b>	<b>GV130HP</b>	<b>GV130HP</b>
Maximum Temp. -Silicone (450°F)	GS130HP	GS130HP	GS130HP	GS130HP
Maximum Temp. -Kalrez (600°F)	KZ130HP	KZ130HP	KZ130HP	KZ130HP
Weight of Housing (lbs)	4.5	4.5	7.5	7.5
Principle Dimensions: (inches)				
Center Of Port To Head	0.59	0.59	0.59	0.59
Head Diameter	2.52	2.52	2.52	2.52
Overall Length	5.04	5.04	9.53	9.53
Element Removal Clearance	2.72	2.72	7.20	7.20
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

## FLOW RATE IN SCFM FOR ABOVE ASSEMBLIES WITH GRADE 50C <sup>(3)</sup> or 70C <sup>(4)</sup>

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
3000	518	1047	988	1247

- 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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