

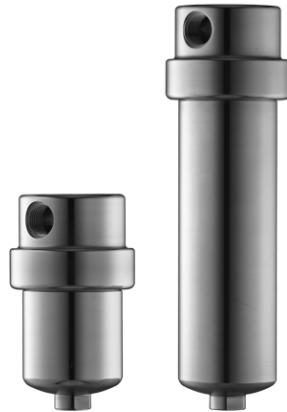
# 3,000 PSIG STAINLESS STEEL HOUSINGS

## Features:

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

## Applications:

- Alternative Fuel Production
- Cryogenic Production
- Gas Plant Sampling



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 also available with a PTFE seal, which requires a modified sealing design: simply add an "S" to the housing code, e.g. 130SHP. 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 only.

## PRINCIPLE SPECIFICATIONS

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
Maximum Temp. -Viton (400°F)	GV130HP	GV130HP	GV130HP	GV130HP
Maximum Temp. -Silicone (450°F)	GS130HP	GS130HP	GS130HP	GS130HP
Maximum Temp. -PTFE (400°F)	GP130SHP	GP130SHP	GP130SHP	GP130SHP
Maximum Temp. -Kalrez (600°F)	KZ130HP	KZ130HP	KZ130HP	KZ130HP
Maximum Temp. -Carbon (900°F)	GNA130SHP	GNA130SHP	GNA130SHP	GNA130SHP
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	5.07	5.07	9.56	9.56
Element Removal Clearance	2.75	2.75	7.24	7.24
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



United Filtration Systems, Inc.  
 6558 Diplomat Drive  
 Sterling Heights, MI 48314  
 T (586) 802-5561 • F (586) 802-5562  
 sales@unitedfiltration.com  
 www.unitedfiltration.com

1-800-311-5561



Partner of Headline Filters

SH130-1 / SH140-1