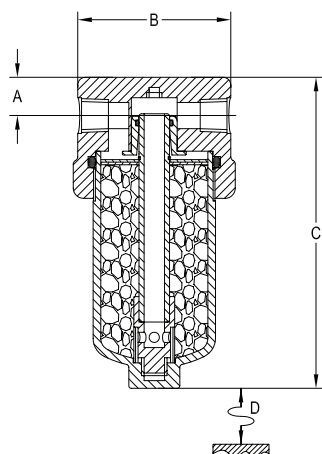


Stainless Steel Adsorption Housings

Headline's range of stainless steel adsorption filters are frequently specified for applications requiring a large volume of adsorbent. For pressures above 100 bar, the HP & VP ranges should be used. These filters can be used in high pressure applications providing vapour adsorption over a full range of line pressures. Considerations will be the volume of adsorbent and the contact time.



Adsorbent	Code	Principal Uses
Activated Carbon	CC	Adsorption of hydrocarbons and other organic vapours
Molecular Sieve 4A	4A	Adsorption of CO ₂ , NH ₃ , H ₂ S, SO _x
Molecular Sieve 13X	13X	Adsorption of CO ₂ , NH ₃ , H ₂ S, SO _x , aromatics, amines
Silica Gel	SG	Adsorption of water vapour
Mixed Bases	MB	Removal of acidic gases, CO ₂ , SO _x , NO _x , HCl
Potassium permanganate	PP	Removal of SO _x and other acidic gases
Hopcalite	HO	Removal of CO by catalytic oxidation to CO ₂

Principal Specifications

Housing Model	134CC	134VPCC	146CC	146VPCC
Port Size - NPT	1/4"	1/4"	1/2"	1/2"
Maximum Pressure - Bar	100	400	100	400
Maximum Temperature - °C	200	200	200	200
Materials of Construction (1)				
Head, Bowl & Internals	316L	316L	316L	316L
Gaskets	Viton	Viton	Viton	Viton
Principal Dimensions				
A - mm	15	21	15	21
B - mm	60	85	60	85
C - mm	122	164	236	276
D - mm	35	42	35	42
Volume - cc	110	160	265	320
Weight - kg	0.7	4.5	1.1	6.5
Accessories				
Gasket Set	GV130	GV130VP	GV130	GVF130VP
Mounting Brackets	MB130	MB150	MB130	MB150