

Vapour Adsorption Cartridges

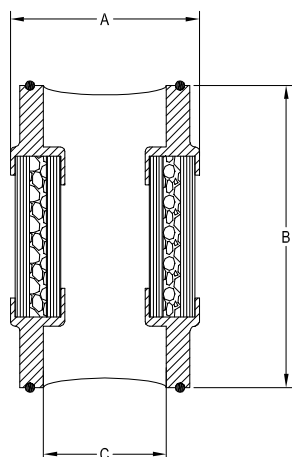
Wide range of adsorbents
Cartridges to fit most housings
Disposable for convenience
No handling of loose adsorbents



12-32-xxTP

25-64-xx

25-178-xx



Headline vapour adsorption cartridges comprise inner and outer filter tubes with the space between filled with adsorbent. The cartridges are sealed with nylon end caps.

Headline vapour adsorption cartridges are designed to fit all standard size filter housings to provide vapour adsorption over the full range of line pressures.

Flow rates are the same as for grade 50 elements in the same size bodies. However, with adsorption, more important considerations will be the volume of adsorbent and the contact time.

Principal Specifications

Cartridge Type (1)	12-32-xx (2)	12-57-xx (3)	25-64-xx (4)	25-178-xx (4)
Maximum Temperature - °C	50	50	50	50
Principal Dimensions				
A - mm	24	24	40	40
B - mm	32	57	64	178
C - mm	12.5	12.5	26	26
Volume - cc	6	9	20	90

- Notes (1) Replace 'xx' with adsorbent grade required, CC, 4A, 13X, SG, MB, PP,HO
 (2) Add suffix 'TP' for use with 700 series plastic and 200 series aluminium housings, e.g. 12-32-CCTP, 25-64-4A
 (3) Add suffix 'TS' for use with 110 and 120 series stainless steel housings, e.g. 12-57-SGTS
 (4) Add suffix 'TP' for use with 700 series plastic and 200 series aluminium housings, e.g. 25-64-MBTP, 25-178-CCTP

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