

# SS218.AD & SS238.AD

## Absorber Housing

**Materials** 316L Stainless Steel  
**Pressure** 400 Bar  
**Ports** 1/4" or 1/2"

The SS218 and SS238 Adsorber Housings are a simple but high performance solution for the adsorption of various chemical vapours in a gaseous stream. The hollow tube, with integral filter diverts the gas flow to the base of the bowl allowing complete passage of gas through the adsorber granules. Simply remove the filter bowl without disturbing the line connections to replace the used adsorber media. It is recommended to use a coalescing filter housing as a pre-filter to remove liquid aerosols and droplets.

Housings are available with 1/4" or 1/2" ports and have NPT ports and Viton seals. Other seal types are available as an option. BSPT and BSPP port types are also available.

A range of granular adsorber materials are available and these are listed below. together with the principle uses. We are pleased to advise about any special applications you may have. The media is supplied in resealable plastic containers and two sizes are available, 1 litre or 4 litres.



## Technical Specifications

Housing Model	SS218.201.AD	SS218.401.AD	SS238.201.AD	SS238.401.AD
Port Size	1/4" NPT	1/2" NPT	1/4" NPT	1/2" NPT
Drain	None	None	None	None
Maximum Pressure, Bar	400	400	400	400
Maximum Temperature, °C	50	50	50	50
<b>Materials of Construction</b>				
Head, Bowl & Internals	316L SS	316L SS	316L SS	316L SS
Seals	Viton	Viton	Viton	Viton
Filter Pads	PE	PE	PE	PE
<b>Principal Dimensions in mm</b>				
Diameter	85	85	85	85
Height	147	147	264	264
Volume, cc	110	110	220	220
Weight, kg	2.55	2.55	5.75	5.75
<b>Accessories</b>				
Mounting Bracket	MBSS218	MBSS218	MBSS218	MBSS218

Grade	Adsorber	Principle Uses
01	Activated Carbon Granules	Removal of hydrocarbons and other organic vapours
02	Activated Carbon Cloth	Removal of hydrocarbons and other organic vapours
03	Molecular Sieve 4A	Removal of CO <sub>2</sub> , NH <sub>3</sub> , H <sub>2</sub> S, SO <sub>x</sub>
04	Molecular Sieve 13X	Removal of CO <sub>2</sub> , NH <sub>3</sub> , H <sub>2</sub> S, SO <sub>x</sub> , aromatics, amines
05	Silica Gel (Blue)	Removal of water vapour
05a	Silica Gel (Orange)	Removal of water vapour
06	Mixed Bases (Soda Lime)	Removal of acidic gases, CO <sub>2</sub> , SO <sub>x</sub> , NO <sub>x</sub> , HCl
07	Potassium Permanganate	Removal of SO <sub>x</sub> and other acidic gases
08	Hopcalite	Removal of CO by catalytic conversions to CO <sub>2</sub>