

NN212.AD & NN232.AD

Absorber Housing

Materials Polyamide
Pressure 10 Bar
Ports 1/4" or 1/2"

The NN212 & NN232 Adsorber Housings are a simple, cost effective 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	NN212.201.AD	NN212.401.AD	NN232.201.AD	NN232.401.AD
Port Size	1/4" NPT	1/2" NPT	1/4" NPT	1/2" NPT
Drain	None	None	None	None
Maximum Pressure, Bar	10	10	10	10
Maximum Temperature, °C	50	50	50	50
Materials of Construction				
Head, Bowl & Internals	PA	PA	PA	PA
Seals	Viton	Viton	Viton	Viton
Filter Pads	PE	PE	PE	PE
Principal Dimensions in mm				
Diameter	65	65	65	65
Height	147	147	246	246
Volume, cc	125	125	250	250
Weight, kg	0.2	0.2	0.25	0.25
Accessories				
Mounting Bracket	MB.SS21	MB.SS21	MB.SS21	MB.SS21

Grade	Adsorber	Principle Uses
01	Activated Carbon Granules	Removal of hydrocarbons and other organic vapours
03	Molecular Sieve 4A	Removal of CO ₂ , NH ₃ , H ₂ S, SO _x
04	Molecular Sieve 13X	Removal of CO ₂ , NH ₃ , H ₂ S, SO _x , 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 ₂ , SO _x , NO _x , HCl
07	Potassium Permanganate	Removal of SO _x and other acidic gases
08	Hopcalite	Removal of CO by catalytic conversions to CO ₂
11	Activated Carbon Granules	Removal of Glycol
12	Calcium Carbonate	Gas Scrubbing
14	Copper Sulphate	Removal of Ammonia
15	Ferrous Sulphate	Gas Scrubbing



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