



ERISINT

TOXIC GASES ADSORBER FILTERS

TYPICAL APPLICATIONS

To be used in air conditioning plants for the removal of smells and odours in public buildings, airports, offices and industrial premises.

TECHNICAL CHARACTERISTICS

CASE = Full plastic.

FILTERING MEDIA = Conglomerated carbon panels.

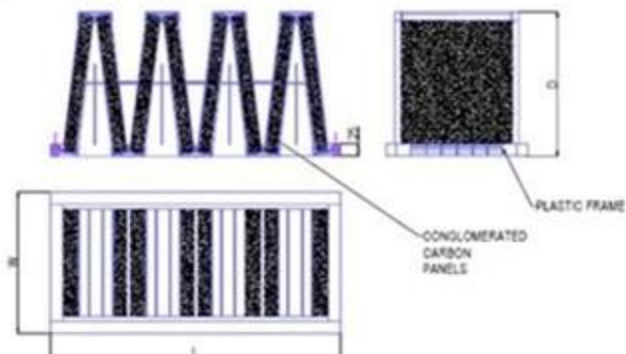
PERFORMANCE =

AIR FLOW m ³ /h	RESISTANCE Pa	CONTACT TIME second
850	20	0,1
1700	70	0,05
2550	155	0,03
3400	265	0,025

TEMPERATURE = 50°C

MAXIMUM TEMPERATURE = 80°C

RELATIVE HUMIDITY = 70%



CODE	Dimensions W x L x D mm	Carbon bed depth mm	Nominal Flow rate m ³ /h	Filtering surface m ²	Pressure drop Pa	Volume m ³	Carbon weight kg
AS 30 FO 0P	288 x 593 x 292	23	1270	0,6	155	0,060	5,3
AS 31 FO 0P	491 x 593 x 292	23	2050	1,0	155	0,102	13,8
AS 32 FO 0P	593 x 593 x 292	23	2550	1,3	155	0,123	17,0

ADSORPTION INDEX

The following indices provide a guide to the ratio of:
Weight of pollutant adsorbed
Weight of carbon adsorbent
Maintaining 100% efficiency

⇒ A = Very good (15-50%)
⇒ B = Good (5-20%)
⇒ C = Weak (5% max)
⇒ D = Poor (1% max)

Aliphatic	Alcohols	Ethers	Haloqen	Miscellaneous
D. Acetlene	A. Athyl	A. Amyl	A. Bramine	A. Adhesives
B. iso Butane	A. Amyl	A. Butyl	A. Butyl Chloride	A. Animal odours
B. Butylene	A. Butyl	A. Cellosolve	A. Carbon Tetrachloride	A. Camphor
C. Butadiene	A. Cyclonexonal	A. Dioxan	B. Chloride	D. Carbon monoxide
A. Cyclohexane	A. Isopropyl	B. Ethyl	A. Chlorobenzene	D. Carbon dioxide
D. n-Decane	B. Methanol (Methyl)	B. Ethylene Oxide	A. Chlorobutadiene	A. Citrus Fruits
D. Ethane	A. Propyl	A. Isopropyl	A. Chloroform	A. Cooking odours
D. Ethylene		A. Methyl Cellosolve	A. Chloro nitropropane	A. Degreasing solvents
D. n-Heptane		B. Methyl	A. Chloro Picrin	B. Deodorisers
C. Hephylene		A. Propyl	A. Dibromoethane	A. Detergents
B. Hexane	Esters		A. Dichlorobenzene	A. Hospital odours
C. Hexylene	A. Butyl Acetate	Sulphur Compounds	B. Dichlorodifluoro Methane	A. Human odours
D. Methane	A. Cellosolve Acetate	B. Carbon disulphide	A. Dichlorodifluoro Ethane	A. Leather
D. n-Nonane	A. Ethyl Acetate	A. Dimethyl sulphate	A. Dichlorethane	A. Ozone
D. n-Octane	A. Ethyl Acrylate	A. Ethyl mercaptan	A. Dichloroethylene	A. Nicotine
D. n-Octylene	B. Ethyl Formate	C. Hydrogen sulphide	A. Dichloroethyl ether	A. Perfumes
B. Pentane	A. Isopropyl Acetate	A. Mercaptans	A. Dichloromethane	A. Petrol
C. Propane	B. Methyl Acetate	A. Methyl Mercaptan	B. Dichloromonofluoro Methane	B. Purifying odours
B. Propylene	A. Methyl Acrylate	A. Propyl Mercaptan	A. Dichloropropane	A. Putrescine
	B. Methyl Formate	C. Sulphur Dioxide	B. Dichlorotetrafluoro Ethane	B. Produce of incomplete
	A. Propyl Acetate	B. Sulphur Trioxide	B. Ethyl Bromide	A. Plastic
Aromatic		A. Sulphuric Acid	B. Ethyl Chloride	A. Poultry odours
A. Benzene	Aldehydes & Ketones	A. Tetrahydrothrophene	A. Ethylene Chlorohydrin	A. Rancid oils and fats
A. Napthalene	B. Acetone	Nitrogen Compounds	A. Ethylene Dichloride	A. Resins
A. Styrene Monomer	C. Acetaldehyde	D. Ammonio	B. Fluorotrichloromethane	A. Rubber
A. Toluene	B. Acrolein	C. Amines	C. Freon	A. Stale odours
A. Toluidine	B. Acryaldehyde	A. Aniline	C. Hydrogen Bromide	A. Odours from stables
A. Xylene	A. Benaldehyde	B. Diethyl amine	C. Hydrogen Chloride	A. Tar odours
	B. Butyraldehyde	A. Diethyl aniline	B. Hydrogen Cyanide	C. Tobacco smoke
Acids	A. Caproaldehyde	B. Dimethyl amine	C. Hydrogen Fluoride	A. Toilet odours
A. Acetic	A. Crontonaldehyde	B. Ethyl amine	B. Hydrogen Iodine	A. Turpentine
A. Acetic Anhydride	A. Cyclonexanone	A. Indole	A. Iodine	A. Varnish
A. Acrylic	A. Diethyl Ketone	B. Ethyl amine	A. Iodoforn	A. Ventilation systems
A. Butyric	A. Dipropyl Ketone	A. Indole	B. Methyl Bromide	A. Vinegar
A. Caprylic	C. Formaldehyde	A. Nicotine	B. Methyl Chloride	B. Wood alcohol
A. Carboic	A. Mesityl Oxide	B. Nitric acid fumes	A. Methyl Chloroform	
B. Formic	A. Methyl Butylketone	A. Nitrobenzene	A. Methylene Chloride	
A. Lactic	A. Methyl Ethylketone	A. Nitroethane	A. Monochlorobenzene	
A. Palmitic	A. Methyl Isobutylketone	C. Nitrogen Dioxide	B. Monofluorotrichloro Methane	
A. Phenol	B. Propionadbehyde	A. Nitroglycerine	A. Paradichlorobenzene	
A. Propionic	A. Valeraldehyde	A. Nitromethane	A. Perchloroethylene	
A. Valeric	A. Valeric Aldehyde	A. Nitropropane	B. Phosgene	
		A. Nitrotoluene	A. Propyl Chloride	
		A. Pyridine	A. Tetrachloro Ethane	
		A. Urea	A. Tetrachloro Ethylene	
		A. Ure acid	A. Trichloro Ethylene	
			B. Vinyl Chloride	

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