

PR™ Range - Activated Carbon Filters

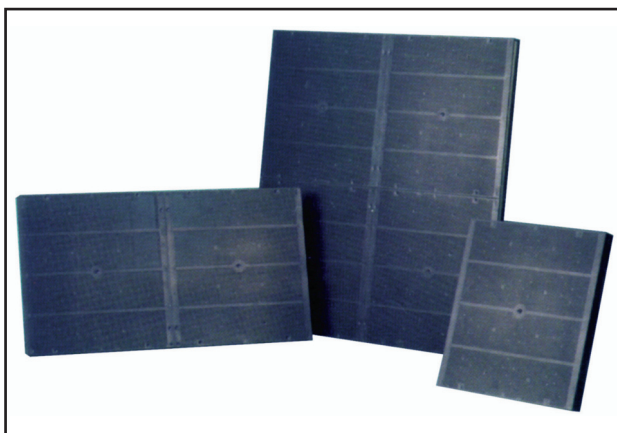
Introduction

AAC PR™ - A low cost range of plastic refillable activated carbon filters with re-usable filter trays.

Manufactured from high quality virgin injection moulded plastic and assembled at our site in Brownhills, these filters have a removable sealing strip fitted at either end enabling the granular or pelletised media to be easily poured out and then recharged.

The PR™ Range Filters:

Type		Nominal Dimensions
Standard	'A'	562mm x 605mm x 25mm
	'B'	562mm x 302mm x 25mm
	'C'	281mm x 302mm x 25mm
Double	'A'	562mm x 605mm x 50mm
	'B'	562mm x 302mm x 50mm
	'C'	281mm x 302mm x 50mm
Treble	'A'	562mm x 605mm x 75mm
	'B'	562mm x 302mm x 75mm
	'C'	281mm x 302mm x 75mm



AAC PR Filters - 'B', 'A' and 'C' sizes respectively

Typical Applications

- Air intake systems
- Sewage treatment works
- Airports
- Museums
- Art galleries
- Offices
- Laboratory intake/systems
- Manufacturing processes
- Solvent fume removal
- Bus garages
- Tanker fill points
- Restaurants
- Vehicle production lines
- Food industry
- Corrosion control for electrical/control rooms
- Welding fumes
- Plenum chambers

Features & Benefits of the PR™ Range

- Low initial cost
- Refillable filter system enabling substantial reductions in running costs
- Multi compartments to prevent media settlement/compaction and any consequential air by-pass
- Durable, especially against certain corrosive contaminants, acid etc.
- Filters normally available ex-stock
- Ability to withstand air temperatures up to 70°C under normal circumstances (or even 120°C for special applications)
- Non standard filter sizes can be manufactured to suit existing installations
- Filter construction available in wide variety of plastic materials to suit special applications

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Activated Carbon/Adsorption Media Index

The following list shows substances where excellent removal is obtained using Activated Carbon and other adsorption media.

Acetic acid Acetic anhydride Acrylic acid Acrylonitrile Adhesives Alcohol Alcoholic Beverages Ally chloride Amyl acetate Amyl alcohol Amyl ether Aniline Antiseptics Asphalt fumes	Cooking odours Creosote Cresol Crotonaldehyde Cyclohexanane Cyclohexanol Cyclohexanone Cyclohexene	Gangrene Garlic Gasolene	Mixed odours Monochlorobenzene Monofluoro-trichloromethane Moth balls	Resins Reodorants Ripening fruits Rubber
Bathroom smells Benzaldehyde Benzene Body odours Bromine Burned flesh Burned food Butanone Butyl acetate Butyl alcohol Butyl cellosolve Butyl chloride Butyl ether Butylaldehyde Butyric acid	Dead animals Decane Decaying substances Decomposition odours Decorating odours Deodorants Detergents Dibromoethane Dichlorobenzene Dichlorofluoromethane Dichloroethylene Dichloroethyl ether Dichloronitroethane Dichloropropane Dicyclopentadiene Diethyl ketone Dimethylsulphate Dioxane Dipropyl ketone Disinfectant	Heptane Heptylene Hospital odours Household smells	Naptha (coal tar) Naptha (petroleum) Naphthalene Nicotine Nitro benzenes Nitroethane Nitroglycerine Nitromethane Nitropropane Nonane	Sauerkraut Sewer odours Skatole Smog Smoke Soaps Sour milk Spilled beverages Spoiled foodstuffs Stale odours Stoddard solvent Stiffness Styrene monomer Sulphur compounds
Campbor Cancer odour Coproaldehyde Caprylic acid Carbolic acid Carbon disulphide Carbon tetrachloride Cellosolve Cellosolve acetate Charred materials Cheese Chlorobenzene Chlorobutadiene Chloroform Chloronitropropane Chloroapicrin Cigarette smoke Citrus and other fruit Cleaning compound	Embalming odours Epichlorhydrin Essential oils Ethyl acrylate Ethyl benzene Ethyl bromide Ethyl mercaptan Ethyl silicate Ethylene chlorhydrin Ethylene dichloride Euclptole	Kerosene Kitchen odours Krypton delay	Octalene Octane Octene Odours Odorants Onions Organic chemicals Ozone	Tar Tetrachloroethane Tetrachloroethylene Theatrical makeup odours Thiophene Tobacco smoke Toilet odours Toluene Toluene di isocyanate Toluidine Trichloroethylene Trichloroethane Turpentine
	Female odours Fertilisers Fish odours Floral scents food aromas Freon 11 Freon 12 Freon 113	Lactic acid Leather Lingering odours Liquid fuels Liquor odours Lubricants Lysol	Packing house odours Paint odours Liquid fuels Palmitic acid Paper deteriorations Paradichlorbenzene Paste and glue Pentanone Perchloroethylene Perfumes, cosmetics Perspiration Pesticides Pet odours Phenol Pitch Plastics Poultry odours Propionic acid Propyl acetate Propyl alcohol Propyl chloride Propyl ether Propyl mercaptan Putrescine Pyridine Rancid odours	Urea Uric acid Valeric acid Valericdehyde vinyl acetate Vinyl chloride monomer Vapours Varnish fumes Vinigar Waste products Xylene Xenon delay

The following substances have good collection results with either standard activated carbon, Impregnated activated carbon or alternative adsorption media.

Acentonitrile Acetaldehyde Acetone Acetylene Acids Acrolein Amines Ammonia Animal odours Anaesthetics	Carbon dioxide Chlorine Coal smoke Combustion odours Corrosive gases	Exhaust fumes Film processing odours Flourotrichloromethane Formaldehyde Formic acid Fumes	Incomplete combustion Industrial waste Isoprene Methyl alcohol Methyl acetate Methyl bromide Methyl ether Methyl formate Mildew Mould	Pollen Propionaldehyde Putrifying matters Radio active iodine
Bacteria Bleaching solutions Butadiene Butane Butylene Butyraldehyde	Dichlorodifluoromethane Dichloromonofluoromethane Dichlorotetrafluorethane Diesel fumes Diethyl amine Dimethyl sulphide	Hexane Hexene Hexyne Hydrogen sulphide Hydrogen selenide Hydrogen bromide Hydrogen chloride Hydrogen cyanide Hydrogen flouride Hydrogen iodine	Nitric acid Nitrogen dioxide Noxious gases	Sulphuric acid Sulphur dioxide Sulphur trioxide Slaughtering odours Sewer odours
	Ethyl bromide Ethyl chloride Ethyl ether Ethyle formate Ethylene oxide		Pentane Phosgene Poison gas	Vinyl chloride Viruses Volatile organic compounds wood alcohol

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