



KMC FILTRE

**INDUSTRIAL
AIR FILTERS**

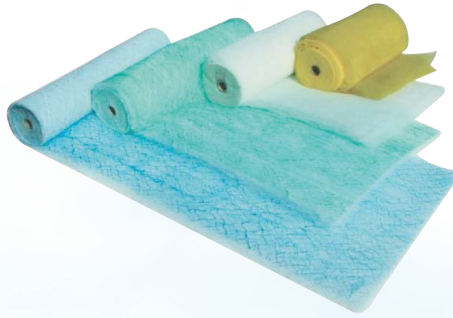
www.kmcfiltre.com

ROLL FILTERS

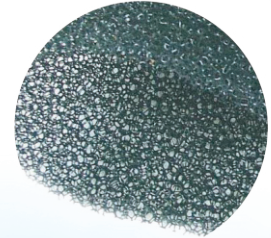
Roll filters are filter materials made from 100% polyester, fiber, and glass fiber materials. These are G2, G3, G4, and M5 class filters used as pre-filters in ventilation systems and industrial facilities. Thanks to their advanced fiber structure, they are used as pre-filters with a high dust-holding capacity under low pressure. There are different filter types used as pre-filters in dyehouse and for holding paint particles. They are produced in various sizes and thicknesses to suit a wide range of applications. Roll filters are available in the desired dimensions or as a roll, and washable polyurethane filter material can be used for panel filter and fan coil filter production.



Polyester Filter Material

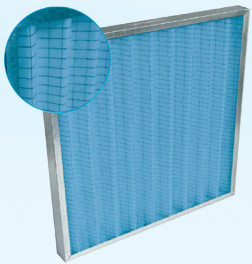


Glass Fiber Filter Material

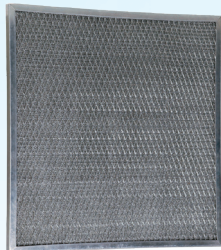


PANEL FILTERS

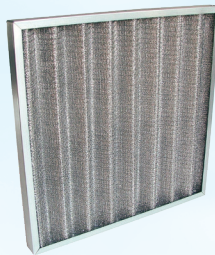
Filters in accordance with ISO 16890 standards are manufactured with frames made of metal, cardboard, aluminum, and stainless steel (304). These are G2, G3, G4, and M5 class filters that primarily serve as pre-filters in ventilation systems to capture dry dust particles. The polyester fiber material can be reinforced with a metal cage either in a flat or pleated form. These are used in various filtration applications, including fancoil devices, dyehouse, and sensitive high-efficiency systems. Depending on the field of use, filter material options include polyester fiber, glass fiber, washable polyester (can be washed), aluminum and galvanized wire mesh (for oil vapor retention purposes).



G3 Pleated Panel Filter



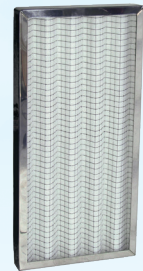
Flat Metal Panel Filter



Material Metal Panel Filter



Cardboard Panel Filter



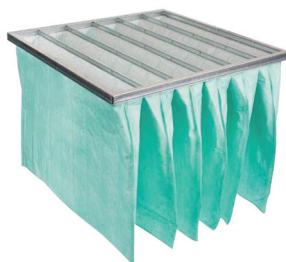
G4 Pleated Panel Filter

BAG FILTERS

Its' frame is manufactured as metal or plastic in ISO 16890 standards. It is produced from polyester, synthetic fiber or glass fiber filter material with G3, G4, M5, M6, F7, F8 and F9 efficiency. G classes are used in factories, dyehouse, laboratories etc. for holding coarse particles in industrial or ventilation systems with high air flow and are used as pre-filtration for high precision filters. F and M classes are used for precise filtration after the pre-filter in high efficiency filtration systems. In order to make the filter material resistant to bursting or leakage, it is manufactured using overlock stitching or ultrasonic welding.



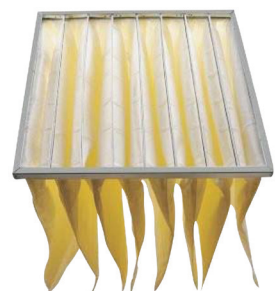
G3-G4 Polyester Bag Filter



M5-M6 Synthetic Bag Filter



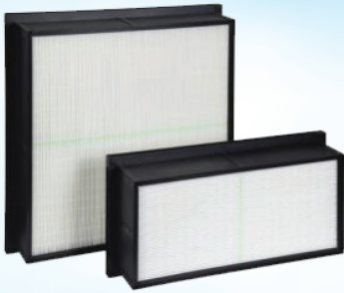
F7 Synthetic Bag Filter



F8-F9 Synthetic Bag Filter

RIGID BAG FILTERS

The product is manufactured with a plastic frame in accordance with ISO 16890 standards. It is composed of high-quality filter paper folded in a mini-pleat design to achieve a high filter surface area, placed within a plastic frame using glass fiber material with M6, F7, and F9 efficiency. It is used in ventilation and air conditioning systems, providing precise filtration at high air flow rates and high-efficiency filtration. It is preferred in hospitals, pharmaceutical factories, industrial facilities requiring precise filtration, gas turbines, and compressors. Applications with activated carbon material are also available.



M6-F7-F9 Rigid Bag Filter



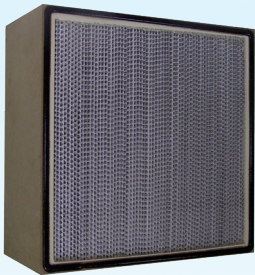
F7-F9 Energy Efficient Rigid Bag Filter



M6-F7-F9 Rigid Panel Filter

HEPA FILTERS

These are filters with extremely high precision, conforming to the EN 1822 European standards and classified as E10, H12, H13, H14, U15, and U16. The filters are produced by folding micro glass fiber paper using mini-pleat technology and placing it within a frame made of galvanized steel, aluminum, stainless steel, or MDF material, with the edges of the frame sealed with polyurethane adhesive. They are used in areas where high air quality and sterility are required, such as in the pharmaceutical, food, photography, and electronics industries, as well as in hospitals, laboratories, operating rooms, clean rooms, etc. Each filter produced is tested according to EN 1822 standards and the test results are provided to the user in a report.



E10 High-Efficiency Aluminum Separator HEPA Filter



H13 High-Flow HEPA Filter



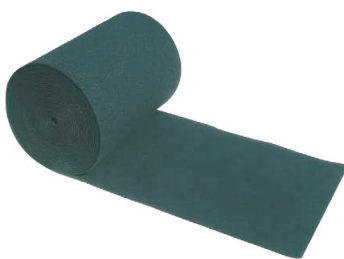
H13-H14 Mini-Pleated HEPA Filter



H14 Laminar Flow HEPA Filter

ACTIVATED CARBON FILTERS

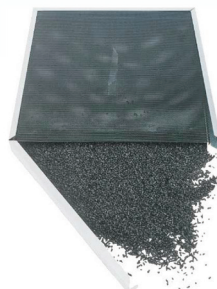
It is used to remove organic odors in the ventilation systems of industrial facilities and commercial buildings. Activated carbons may be needed to purify the air through a chemical process aimed at solving problems related to gases and odors. It is used to capture odors and gases in air purification and ventilation systems. Application areas include places with medium to high concentrations of pollution, such as restaurants, laboratories, and chemical plants.



G3 Activated Carbon Roll Filter



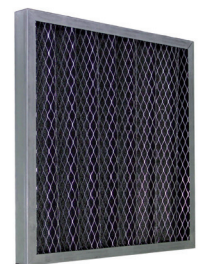
Activated Carbon Rigid Bag Filters



Activated Carbon Filled Panel Filter



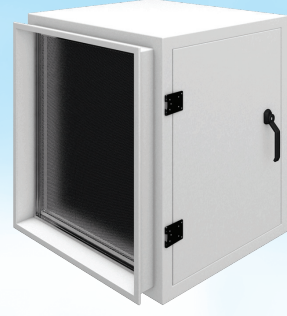
Activated Carbon Cartridge Filters and Plates



Activated Carbon Fiber Panel Filter

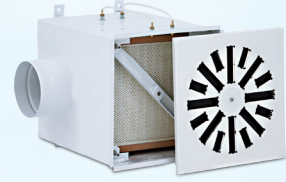
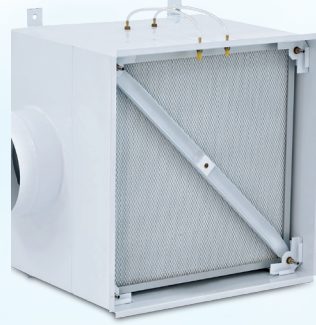
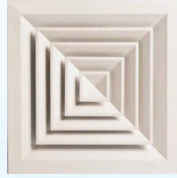
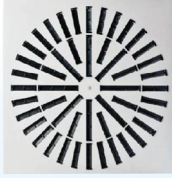
ACTIVATED CARBON FILTER CELL

These are duct-type filter units used in ventilation air conditioning systems. They include models for particulate filtration and activated carbon filters for odor control.



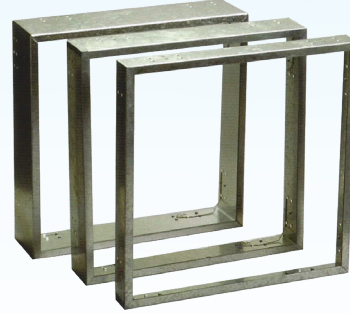
HEPA FILTER BOXES

These are replaceable HEPA filter boxes manufactured from stainless steel or painted black steel, designed for operating rooms and clean rooms. They can be equipped with perforated grilles, square ceiling diffusers, or swirl diffusers.



FILTER FRAMES

They are modular frames used to mount panel, bag and HEPA filters inside the filter cell or air conditioning unit. They can be either galvanized, stainless steel (304) or painted.



INDUSTRIAL FELT AND FILTER ACCESSORIES

These are used in dust collection units to capture dust in various industrial applications. Felt bag filters are produced from high quality fibers that have undergone surface tests. It provides very high filtration efficiency. Their applications include the pharmaceutical industry, food industry, cement and lime factory, iron-steel and aluminum industries.



KMC FİLTRE

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