

MiraSorb HC

Carbon Media Filters



- ❖ Honey Comb Panel Type Chemical Media Filters
- ❖ Fully Non-Metal, Plastic Frame, Construction
- ❖ Suitable for Replacing the existing particulate filters
- ❖ Powdered Media with Highest Yield & Reactivity Index
- ❖ Energy Saving, Mini-Pleated V-Bank Design with high chemical media content, Low Resistance, High Air Flow
- ❖ Available with different types of Activated Carbon Media & other Special Blend Media
- ❖ Fully Incinerable, Corrosion Resistant, Halogen Free

JAF MiraSorb HC are Premium Quality, highly effective and efficient chemical filter modules with powdered carbon / chemical media designed with honeycomb structure to target & remove wide spectrum of gaseous pollutants for various types of Commercial and Industrial Applications with low to moderate concentrations of pollutants. Best Suited for various types of Indoor Air Quality (IAQ) requirements and proven to be very effective on wide range of odorous pollutants, mainly identified in urban areas, like, Volatile Organic Compounds (VOCs), SO_x, NO_x, Ozone etc.,

MiraSorb HC filters are made with high density & best quality activated carbon media, having a minimum of 60% removal on Carbon Tetra Chloride (CTC) activity, which measures the Porosity of the Activated Carbon. The activated carbon media / chemical media is contained in panels with honeycomb structure between non-woven, melt blown, support layers, in Mini-Pleated, V-shape configuration, enclosed with High Strength Plastic (HIPS / ABS) frames. The V-shape construction helps in increasing the media contact time with the pollutants at very low resistances to airflow.

MiraSorb HC filters are offered with superior quality JAF powdered, micro granulate, activated carbon media, that is having the following value propositions to customers:

- Up to 12 to 13 times more spontaneous reaction on gaseous Pollutants upon contact, meaning a very quicker reaction, especially with low concentrations of high boiling point impurities in the air stream
- More effective & complete use of filter media surface area meaning less media required to get same contact & removal efficiency, similar to conventional granular media.
- High / Full Utilization Index of the media volume, means no unused media while filter changeout.
- Up to 2 to 3 times better utilization of the media volume means less media needs to be used and a lighter weight product produced for the same removal efficiency, Easier to handle, install and dispose.

MiraSorb HC can replace existing HVAC filters of the same type without changes for frames or latches.

MiraSorb HC filters are individually sealed in polythene bags after QC inspection per the quality procedures defined on JAF ISO 9001 Quality Manuals.

Media Choices

MiraSorb HC can be supplied with various choices of JAF Chemical Media in powdered form, such as, TerraCarb, TerraOxi, TerraOxi Blend

Installation, Handling & Disposal

Best Recommended to Install and Handle all JAF Gas Phase Filter Modules using appropriate Personal Protective Equipment (PPE), such as, face masks, safety boots, rubber gloves and other relevant accessories as per customer's site requirements.

JAF Gas Phase Team shall provide start-up supervision of the equipment supplied (upon request).

Best Recommended to adhere to local, state and federal guidelines to dispose the used JAF Gas Phase Media.