

# DeaSorb

## Carbon Media Filters



- ❖ Activated Carbon Media Filter for Low Pollutant Volumes
- ❖ Ideal Solution for odor removal requirements
- ❖ Very Low Carbon Dust Carry Over
- ❖ Suitable for Replacing the existing particulate pre-filters
- ❖ Carbon Media is bonded to Non-Woven Polyester Fibers
- ❖ Suitable for low PPB levels of contaminants
- ❖ Fully Disposable & Totally Safe
- ❖ Low Pressure Drop with good energy saving potential

**JAF DeaSorb** is fully disposable type powdered carbon media filters designed to remove only gaseous pollutants for various types of Commercial and Industrial Applications with very low to low concentrations of pollutants, especially Volatile Organic Compounds. Ideal for various types of low concentration pollutant removal by carbon adsorption technique in many of the Indoor Air Quality (IAQ) requirements and proven to be very effective on wide range of odorous pollutants identified in the following applications, but not limited to:

- Commercial Buildings, Shopping Complexes
- Hospitals, Health Care Facilities, Medical Research & Laboratories
- Hotels, Restaurants, Food Courts & Commercial Kitchen Exhausts
- Data-Centers & Critically Controlled Ambients
- Libraries, Museums & Auditoriums

**DeaSorb** filters are with low to moderate density activated carbon media, having a minimum of 60% removal on Carbon Tetra Chloride (CTC) activity, meaning up to 60 times more surface area from the actual filter media surface area mentioned. The Media is ideally combined with non-woven polyester membrane to offer maximum odor removal characteristics with best (ultra-low) carbon dust carry over at comparatively low pressure drop, meaning, high energy saving potentials,

**DeaSorb** filters are manufactured with high wet strength, moisture resistant Beverage Board, with dual layer of JAF Die-Cut, bonded rigidly together to form a sturdy carbon media filter. The carbon media is sealed on the internal surface of die-cut to avoid any leakage or by-pass of pollutants. The carbon media is with Metal Mesh support to provide extra strength & make the filters completely rigid & robust construction. Also, available with other special frames, such as, Galvanized Steel, Aluminium, Stainless Steel etc., upon special request.

**DeaSorb** can replaces existing HVAC filters of the same type without changes for frames or latches.

**DeaSorb** filters are individually sealed after QC inspection per the quality procedures defined on JAF ISO 9001 Quality Manuals.

### Media Choices

DeaSorb shall be supplied with JAF Activated Carbon Media in powdered form: TerraCarb. Other choices available upon request. Please consult JAF Sales Team.

### 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.