

The BPS™ DM Series — Air Purification



BPS™ Activated Carbon Filter Modules Remove Gaseous Pollutants

BPS™ activated carbon disposable modules (DM) are ideally suited for use in a wide range of contaminated air streams that exists in commercial and industrial environments such as: HVAC recirculation systems, make-up air and corrosion control, sewage treatment facilities, trash transfer stations, and waste energy generation plants.

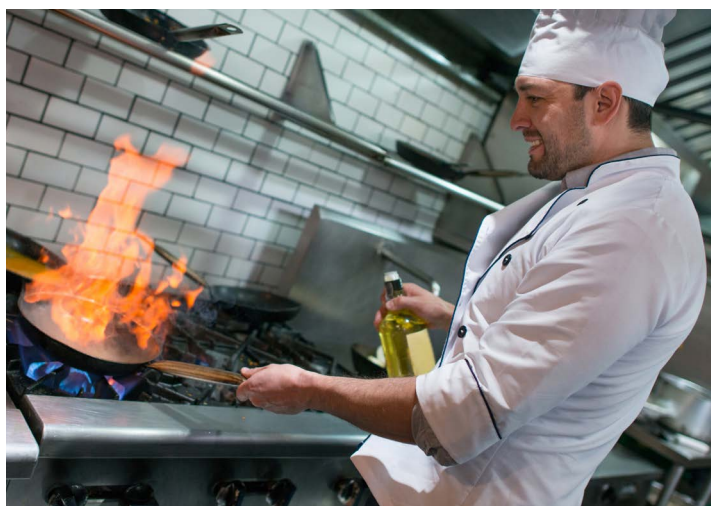
- Anti-microbial high-loft, non-woven polyester "pre" and "post" filtration
- High mass carbon content for long life
- Superior gas phase roughing filter for high concentration high efficiency applications

Positive Impact on Occupant Health

Removes interior and exterior gaseous pollution sources such as tobacco smoke, cleaning solvents, off-gassing from building materials, human metabolic by-products, vehicle exhaust, paint fumes, jet fumes, manufacturing process emissions, and agriculture process emissions that cause illnesses.

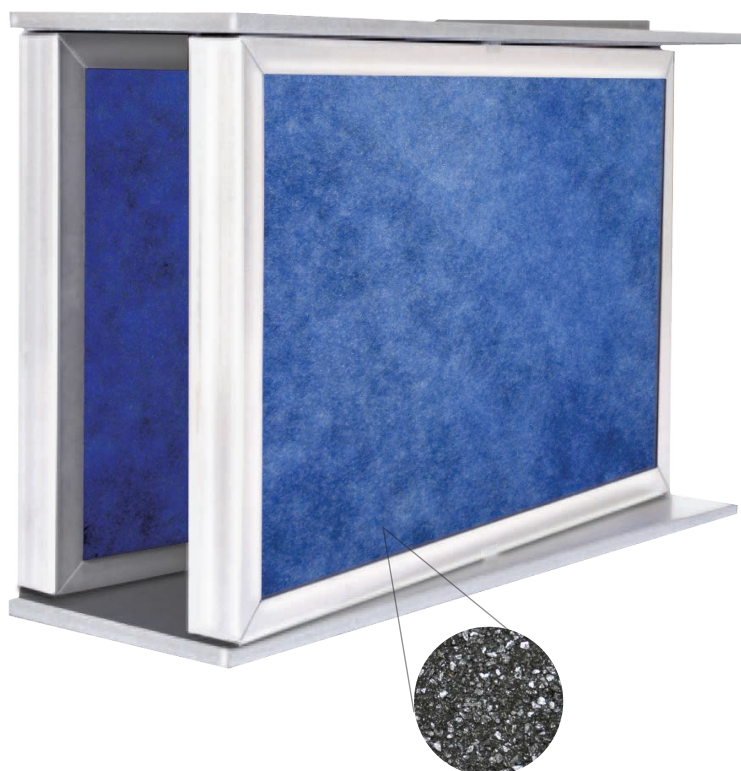
Environmentally-friendly

Cleaner and easier to use than loose trays or honeycomb panels - no dusting or carbon fines



Call today to learn how to improve your Indoor Air Quality!

BPS™ DM Single V-Module



Uses Proprietary Bonded Particulate Structure (BPS™) Technology

BPS™ DM Series — Activated carbon disposable modules (DM) are compact single v-modules designed to efficiently remove a wide range of odors and common airborne pollutants. The panels are sealed to a frame and end capped to prevent bypass through the module. The product is designed for use in most side and front access housings. Various impregnations are offered to target specific contaminant gases. The BPS™ DM is the choice for advanced chemical air filter technology for a variety of applications.

Utilizing a patented bonding technique, the carbon maintains its high adsorptive properties and exhibits many advantages over loose carbon-filled filters. There is no loss of efficiency due to settling or by-pass.

Designed as direct replacements for refillable cassette style media trays.

Filters are Designed for Maximum Adsorptive Capacity

- Bonded carbon maintains its high adsorptive properties and exhibits many advantages over loose carbon filled filters
- No loss of efficiency due to settling or by-pass

Filter Specification

Nominal Size	Flow Rated	Resistance	Carbon Weight / Filter
24" x 18" x 6" (610 mm x 457 mm x 153 mm)	500 CFM (2.54 m/s)	0.4" w.g. (100 Pa)	20 lbs. (5.4 kg)
12" x 18" x 6" (305 mm x 457 mm x 153 mm)	250 CFM (1.27 m/s)	0.4" w.g. (100 Pa)	6 lbs. (2.7 kg)

Tech Specs

Filter Type

Disposable bonded activated carbon disposable modules (DM) are compact single v-modules.

General Description

Filter is designed for total-retention gaseous contamination control.

Construction

Filter is constructed of two bonded carbon panels arranged in a DM configuration and enclosed in an all galvanized steel frame so that the module contains no loose carbon. The individual panels have non-woven polyester

"pre" and "post" filter media attached. The panels and the polyester are sealed to the frame and the end cap so as to prevent by-pass through the module.

Performance

The activated carbon has a minimum activity of 60% CTC per the ASTM-D-3467 test method. The binder will not decrease the pore volume by more than 2% as measured by BET.

Classification

UL 900 classified filters available.