



CAMERON GREAT LAKES, INC.

MOLECULAR FILTRATION SPECIALISTS

Benefits of a Carbon/Permanganate Blend

WHY A BLEND?

For odor control/molecular filtration applications, end users are often faced with the question of which filter media will perform best for the application. Unfortunately, there are many applications where we are unable to identify all of the existing contaminants in the airstream....or, we are faced with a myriad of known contaminants which require more than one type of media to remove or destroy the contaminants.

Standard activated carbon is recommended for the removal of the heavier volatile organics, while potassium permanganate is recommended for the removal of low molecular weight contaminants. A blend of these two media, offers the end user a product that is capable of addressing the vast majority of contaminants without expensive testing to identify individual contaminants.

In some applications such as diesel fume odors, kitchen cooking odors, and smoke odors, we are not aware of all contaminants present and generally recommend the use of a carbon & potassium permanganate media blend which is the best possible solution to odors where all contaminants may not be identified. Additionally this blend when used in refillable filters can be classified as UL Class 1.

It is safe to say that using a blend of media in commercial IAQ applications is a smart and safe choice.

See CGL C/ZK6 Specification sheet for technical information on potassium permanganate/activated carbon blended media.