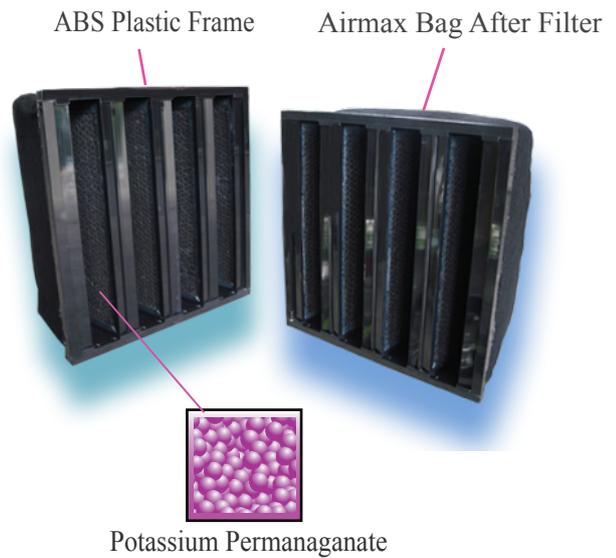


# MAXIPURE-KMnO<sub>4</sub>

High Capacity Potassium Permanaganate Adsorbers

- Selected from special treated potassium permanaganate
- Airmax-Bag after filter prevents media dusting downstream
- Effective on wide variety of odors and gases
- Blended Media for special gases is available



Airmax "MaxiPure -KMnO<sub>4</sub>" potassium permanaganate (KMnO<sub>4</sub>) uses zeolite treated with KMnO<sub>4</sub> for removal of acid gases, formaldehyde. This filter can be used in any of the applications mentioned above. Many times this material is specified and must be used to meet the specification.  
Airmax-Bag after filter is supplied to prevent carbon dust on downstream side.

## Target Contaminants and The Removal Process

Contaminants are removed by adsorption, absorption and chemical reaction. Odorous gases penetrate into the core where they react with the KMnO<sub>4</sub> and other chemicals and are converted into safe, non-odorous byproducts. Many become solids and are captured on the pellet. Common contaminants include: hydrogen sulfide, sulfur dioxide, nitric oxide, and formaldehyde.

## Product Information

Model Number	Nominal Size (W x H xD) Inch.	Actual Size (W x H xD) mm.	Airflow Capacity cmm/ cfm	Initial Resistance @ 500 FPM	Media Weight
MXPHP - 05	24 x 24 x 12	595 x 595 x 292	56/2000	6.5 mmAq	13.6 Kgs.
MXPHP - 06	24 x 12 x 12	595 x 292 x 292	28/1000	6.5 mmAq	6.8 Kgs.

Please contact our engineer for more information of gas phase filters

AIRMAX reserves our right to change design and specifications without notice.