

# FILTRATION GROUP

## FP GAS PHASE FILTER



- Improve indoor air quality through effective removal of contaminants, odors and gases
- Available with activated carbon for adsorption, potassium permanganate for chemisorption, or a 50/50 blend of both
- 100% fill for maximum single pass efficiency and longer service life



### DESCRIPTION

**T**he FP Gas Phase filter is designed to remove a wide range of odors and common indoor air pollutants at high air flows. Constructed of heavy-duty galvanized steel and plastic, with 3/4" honeycomb media packs, the FP Gas Phase filter can be filled with one of two media – or a blend of the two – to fit any application.

### BENEFITS

The FP Gas Phase filter provides effective odor removal with just a moderate increase in pressure drop.

Using 60% CTC activated carbon, potassium permanganate on zeolite, or a blend of the two, the FP Gas Phase filter removes a broad spectrum of compounds including Volatile Organic Compounds (VOC's), vehicle exhaust, sulfur compounds, ammonia and

formaldehyde.

### APPLICATIONS

These filters are used in commercial and industrial applications when odors and gases need to be removed to protect people, processes, equipment or artifacts.

With a standard header it can be used in existing HVAC systems, easily retrofitted or specified for new construction. The dual direction design allows for a front or reverse mount installation, without a reduction in filter performance.



# FILTRATION GROUP

**DIMENSIONS AND PERFORMANCE DATA**
**Contaminants removed by Activated Carbon**

Acetone	Gasoline	Naphtha	Perchloroethylene
Benzene	Methylene Chloride	Nitrobenzene	Pyridine
Chlorobenzene	Methyl Chloroform	Ozone	Styrene
Chloroform	Methyl Ethyl Ketone	Paint Fumes	Toluene

ACTIVATED CARBON (100% FILL)					
PART NUMBER	NOMINAL SIZE (H x W x D)	ACTUAL FILTER DIMENSIONS (H x W x D)	INITIAL RESISTANCE AT 500 fpm ("w.g.)	MEDIA WEIGHT PER FILTER	SHIPPING WEIGHT
40223	12 X 24 X 12	11 3/8 X 23 3/8 X 11 1/2	.51	11	16
40226	20 X 24 X 12	19 3/8 X 23 3/8 X 11 1/2	.51	20	27
40175	24 X 24 X 12	23 3/8 X 23 3/8 X 11 1/2	.51	24	32

**Contaminants removed by Potassium Permanganate Impregnated Media**

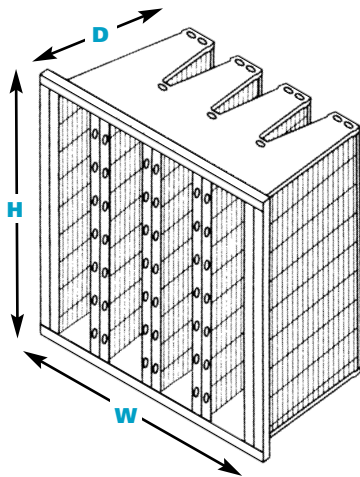
Acetylene	Mercaptans
Alcohols	Nitrogen Oxides
Amines	Sulfur Oxides
Ammonia	

POTASSIUM PERMANGANATE (100% FILL)					
PART NUMBER	NOMINAL SIZE (H x W x D)	ACTUAL FILTER DIMENSIONS (H x W x D)	INITIAL RESISTANCE AT 500 fpm ("w.g.)	MEDIA WEIGHT PER FILTER	SHIPPING WEIGHT
40316	12 X 24 X 12	11 3/8 X 23 3/8 X 11 1/2	.36	14	19
40324	20 X 24 X 12	19 3/8 X 23 3/8 X 11 1/2	.36	26	33
40325	24 X 24 X 12	23 3/8 X 23 3/8 X 11 1/2	.36	32	40

**Contaminants removed by Activated Carbon / Potassium Permanganate Blend**

Acetic Acid	Chlorine	Diesel Fumes	Trichloroethylene
Animal Odors	Chlorine Dioxide	Isoproanol	Urea
Auto Exhaust	Cleaning Compounds	Sodium Thiosulfate	
Butyric Acid	Cooking Odors	Tobacco Smoke	

ACTIVATED CARBON / POTASSIUM PERMANGANATE BLEND (100% FILL)					
PART NUMBER	NOMINAL SIZE (H x W x D)	ACTUAL FILTER DIMENSIONS (H x W x D)	INITIAL RESISTANCE AT 500 fpm ("w.g.)	MEDIA WEIGHT PER FILTER	SHIPPING WEIGHT
40218	12 X 24 X 12	11 3/8 X 23 3/8 X 11 1/2	.36	13	18
40234	20 X 24 X 12	19 3/8 X 23 3/8 X 11 1/2	.36	23	30
40217	24 X 24 X 12	23 3/8 X 23 3/8 X 11 1/2	.36	28	37


**DISTRIBUTED BY**

© FGI 03/03


**FILTRATION GROUP**
**FILTRATION GROUP**  
 Phone: 877-FGI-TEAM (344-8326)  
 Fax: 800-518-1162  
 www.filtrationgroup.com  
 e-mail: aerostar@filtrationgroup.com
