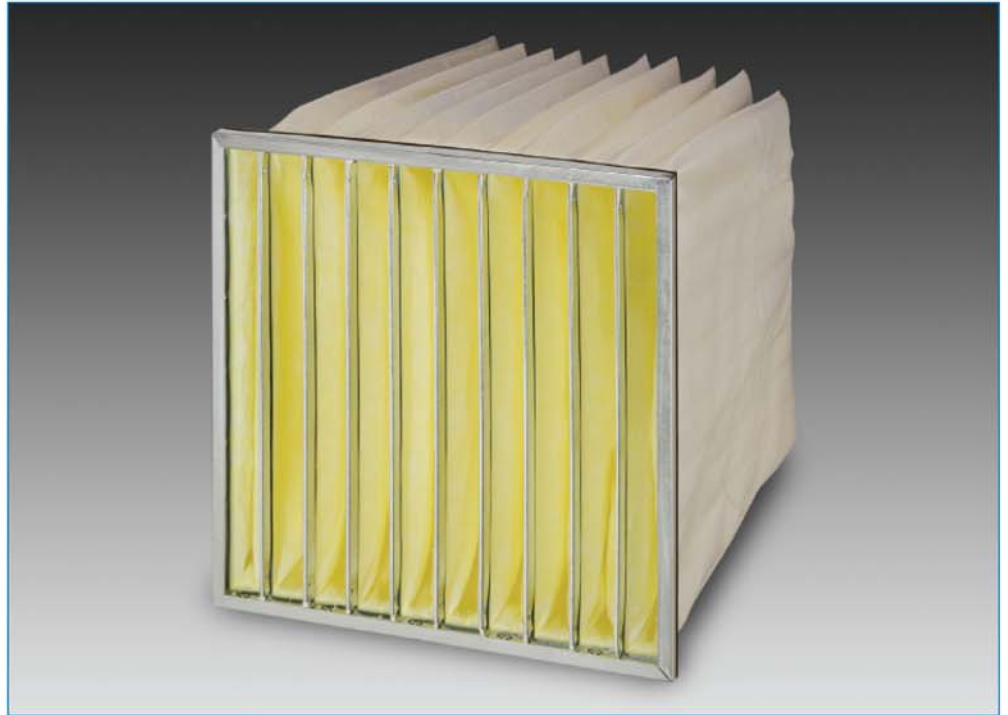




## GLOBAL FILTER SOURCE

# FIBERGLASS POCKET FILTERS

- Medium to High efficiency per ASHRAE Standard 52.2-2007
- Open throat design for optimum air flow
- Galvanized steel header and J-channels for filter strength
- Low initial pressure drop provides longer service life
- Available in a wide range of sizes
- Gasketing available
- Pocket support loops are available
- Underwriters Laboratories classified to UL 900



### DESCRIPTION

The Fiberglass Pocket filters are constructed of an ultra fine glass fiber media. The media is bonded to a thin nonwoven synthetic backing and sewn with multiple rows of expanded stitching. The stitch is flexible to help maintain pocket shape in changing conditions. All stitching is sealed with thermoplastic resin to prevent any possible leakage. The header is constructed of 26 gauge galvanized steel to prevent rusting and provide rigid support to the filter face.

### FEATURES

Fiberglass Pocket filters offer high efficiency filtration while maintaining low resistance to air flow. The open throat design and the precise pocket spacing produce a product which is aerodynamically balanced allowing even contaminant loading throughout the life of the filter.

### APPLICATIONS

The Fiberglass Pocket filters are suitable in most medium to high efficiency applications. These filters are used in a variety of commercial and industrial applications, such as hospitals, schools, automotive plants and a variety of special applications. Specialty application areas include: oil mist collection, fume collection and collection of heavy concentrated fine airborne contaminants. These filters fit into most standard built up filter banks or side access housing systems without any modification.

# FIBERGLASS POCKET FILTERS

## DIMENSIONS AND PERFORMANCE DATA

MERV 16 PART NO.	MERV 13 PART NO.	MERV 11 PART NO.	SIZE H x W x D* (INCHES)	NUMBER OF POCKETS	MEDIA AREA (SQ. FT.)
10229	10220	10211	24 x 24 x 15	12	63
13862	10223	10214	24 x 24 x 22	6	48
13861	10222	10213	24 x 24 x 22	8	62
10230	10221	10212	24 x 24 x 22	10	77
10235	10226	10217	24 x 24 x 30	6	65
10234	10225	10216	24 x 24 x 30	8	84
10233	10224	10215	24 x 24 x 30	10	105
10237	10228	10219	24 x 24 x 36	6	82
10236	10227	10218	24 x 24 x 36	8	102

\* Contact Customer Service for additional sizes and information.

FILTER DEPTH (INCHES)	NUMBER OF POCKETS	AIRFLOW CAPACITY (cfm)	PRESSURE DROP (" w.g.)		
			MERV 16	MERV 13	MERV 11
15	12	2000	0.68	0.44	0.23
22	6	2000	0.93	0.60	0.32
22	8	2000	0.70	0.45	0.24
22	10	2000	0.56	0.36	0.19
30	6	2000	0.68	0.44	0.23
30	8	2000	0.51	0.33	0.18
30	10	2000	0.41	0.26	0.14
36	6	2000	0.57	0.37	0.15
36	8	2000	0.43	0.28	0.20

## ENGINEERING SPECIFICATIONS

### 1.0 General

- 1.1 Filters shall be Aerostar® Fiberglass Pocket air filters as manufactured by Filtration Group.
- 1.2 Filters shall be available in 3 efficiency levels with varying depths from 15" to 36".
- 1.3 Underwriters Laboratories classified to UL 900.
- 1.4 Filters are manufactured by an ISO 9001 registered company.

### 2.0 Filter Materials of Construction

- 2.1 Media shall be fiberglass with a synthetic carrier that does not support microbial growth.
- 2.2 The media shall be sewn together to form pockets and stitch lines shall be covered with adhesive as to not allow for bypass.
- 2.3 Media shall be adhered to all frame components to eliminate bypass and maintain integrity throughout life.
- 2.4 Frame shall be made fully of 26 ga. galvanized steel.

### 3.0 Filter Performance

- 3.1 Filters shall be available in efficiencies of MERV 11, 13 and 16 when tested in accordance with ASHRAE 52.2-2007 Test Standard.
- 3.2 Filters shall be rated to withstand a continuous operating temperature of up to 180°F.
- 3.3 Filters shall have a maximum recommended final resistance of 1.5" w.g.

## SPECIFICATIONS

Filter Media: Lofted Fiberglass  
 Frame: 26 ga Galvanized Steel  
 Max. Recommended Final Pressure: 1.5" w.g.  
 Maximum Temperature: 180° F

## DIMENSIONS

Actual Header Face Size: 23-3/8" x 23-3/8"  
 Actual Header Depth: 13/16"  
 Pocket Depth: 15", 22", 30", 36"

**GLOBAL FILTER SOURCE, LLC**

**PO Box 99215, Raleigh, NC 27624**  
**Phone 919-571-4945/ Website www.global-filter.com**