

# FILTRATION GROUP

## CLASS 1 POCKET FILTER



- Deep pocket entrance design for optimum air flow
- Galvanized steel header for filter strength
- Low initial pressure drop provides long life
- Available in a wide range of sizes and gasketing options
- Pocket support loops available
- Available in 40-45%, 60-65%, 80-85% and 90-95% efficiencies
- UL900 Class 1



### DESCRIPTION

**T**he Class 1 Pocket filters are constructed of an ultrafine glass fiber media. The media is bonded to a thin, fire-retardant, non-woven synthetic backing and sewn with multiple rows of expanded stitching. The stitches are flexible to maintain shape in changing conditions. All stitching is sealed with fire-retardant sealant to prevent any possible leakage.

The header is constructed with 26 gauge galvanized steel to prevent rusting and provide rigid support to the filter face.

### BENEFITS

Class 1 pocket filters offer high efficiency filtration while maintaining low resistance to air flow. The deep pocket entrance design and the precise pocket spacing produce a product which is aerodynamically balanced allowing even contaminant loading

throughout the life of the filter. Secure mechanical locking of each pocket to each other and to the header eliminates the possibility of air by-pass.

### APPLICATIONS

Class 1 pocket filters are suitable for most medium to high efficiency applications. These filters are used in commercial and industrial applications as well as hospitals, schools, automotive plants and a variety of special applications, where fire codes require using Class 1 products. Specialty application areas include: oil mist collection, fume collection and containment of heavy concentrations of fine airborne contaminants. These filters fit into most standard built-up filter bank or side access housing systems without modification.



**DIMENSIONS AND PERFORMANCE DATA**

95% EFFICIENCY (MERV 14*)			
PART NUMBER	NOMINAL SIZE H X W X D**	NUMBER of POCKETS	NET MEDIA AREA (sq. ft.)
14385	24 X 24 X 15	12	63
16208	24 X 24 X 15	10	53
16209	24 X 24 X 15	8	43
16210	24 X 12 X 15	6	32
16211	24 X 12 X 15	5	27
16212	24 X 12 X 15	4	22
14386	24 X 24 X 22	10	77
14387	24 X 24 X 22	8	62
14388	24 X 24 X 22	6	48
16203	24 X 12 X 22	5	39
16204	24 X 12 X 22	4	31
16205	24 X 12 X 22	3	24
16206	24 X 20 X 22	6	48
16207	20 X 20 X 22	6	40
14389	24 X 24 X 30	10	105
14390	24 X 24 X 30	8	84
14391	24 X 24 X 30	6	65
16198	24 X 12 X 30	5	53
16199	24 X 12 X 30	4	42
16200	24 X 12 X 30	3	33
16201	24 X 20 X 30	6	65
16202	20 X 20 X 30	6	54
16234	24 X 24 X 36	10	127
14392	24 X 24 X 36	8	102
14393	24 X 24 X 36	6	82
15989	24 X 12 X 36	5	64
15990	24 X 12 X 36	4	51
15991	24 X 12 X 36	3	38
16196	24 X 20 X 36	6	82
16197	20 X 20 X 36	6	64

85% EFFICIENCY (MERV 13*)			
PART NUMBER	NOMINAL SIZE H X W X D**	NUMBER of POCKETS	NET MEDIA AREA (sq. ft.)
14394	24 X 24 X 15	12	63
16228	24 X 24 X 15	10	53
16229	24 X 24 X 15	8	43
16230	24 X 12 X 15	6	32
16231	24 X 12 X 15	5	27
16232	24 X 12 X 15	4	22
14395	24 X 24 X 22	10	77
14396	24 X 24 X 22	8	62
14397	24 X 24 X 22	6	48
16223	24 X 12 X 22	5	39
16224	24 X 12 X 22	4	31
16225	24 X 12 X 22	3	24
16226	24 X 20 X 22	6	48
16227	20 X 20 X 22	6	40
14398	24 X 24 X 30	10	105
14399	24 X 24 X 30	8	84
14900	24 X 24 X 30	6	65
16218	24 X 12 X 30	5	53
16219	24 X 12 X 30	4	42
16220	24 X 12 X 30	3	33
16221	24 X 20 X 30	6	65
16222	20 X 20 X 30	6	54
16233	24 X 24 X 36	10	127
14901	24 X 24 X 36	8	102
14902	24 X 24 X 36	6	82
16213	24 X 12 X 36	5	64
16214	24 X 12 X 36	4	51
16215	24 X 12 X 36	3	38
16216	24 X 20 X 36	6	82
16217	20 X 20 X 36	6	64

65% EFFICIENCY (MERV 11*)			
PART NUMBER	NOMINAL SIZE H X W X D**	NUMBER of POCKETS	NET MEDIA AREA (sq. ft.)
14903	24 X 24 X 15	12	63
16251	24 X 24 X 15	10	53
16252	24 X 24 X 15	8	43
16253	24 X 12 X 15	6	32
16254	24 X 12 X 15	5	27
16255	24 X 12 X 15	4	22
14904	24 X 24 X 22	10	77
14905	24 X 24 X 22	8	62
14906	24 X 24 X 22	6	48
16246	24 X 12 X 22	5	39
16247	24 X 12 X 22	4	31
16248	24 X 12 X 22	3	24
16249	24 X 20 X 22	6	48
16250	20 X 20 X 22	6	40
14907	24 X 24 X 30	10	105
14908	24 X 24 X 30	8	84
14909	24 X 24 X 30	6	65
16241	24 X 12 X 30	5	53
16242	24 X 12 X 30	4	42
16243	24 X 12 X 30	3	33
16244	24 X 20 X 30	6	65
16245	20 X 20 X 30	6	54
16235	24 X 24 X 36	10	127
14910	24 X 24 X 36	8	102
14911	24 X 24 X 36	6	82
16236	24 X 12 X 36	5	64
16237	24 X 12 X 36	4	51
16238	24 X 12 X 36	3	38
16239	24 X 20 X 36	6	82
16240	20 X 20 X 36	6	64

45% EFFICIENCY (MERV 9*)			
PART NUMBER	NOMINAL SIZE H X W X D**	NUMBER of POCKETS	NET MEDIA AREA (sq. ft.)
14912	24 X 24 X 15	6	33
16257	24 X 12 X 15	3	16
14913	24 X 24 X 22	8	48
16256	24 X 12 X 22	4	31

\* Reference ASHRAE 52.2 - 1999 Table E1

\*\* Other sizes available; Consult factory for sizes and performance data.

**SPECIFICATIONS**

Filter Media:

Header:

Pocket Orientation:

Flammability:

Recommended Final Resistance:

Maximum Temperature:

Lofted Fiberglass

26 ga Galvanized Steel

The height dimension reflects orientation

UL900 Class 1

1.0" w.g.

190° F

**DIMENSIONS**

Actual Header Face Size:

Actual Header Depth:

Pocket Depth:

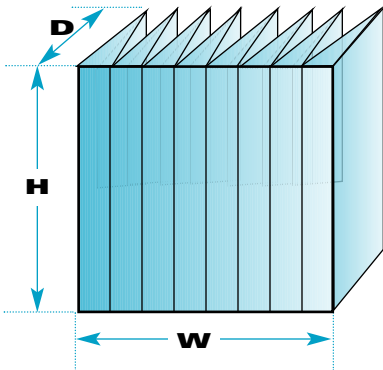
5/8" under nominal size

13/16"

15", 22", 30", 36"

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