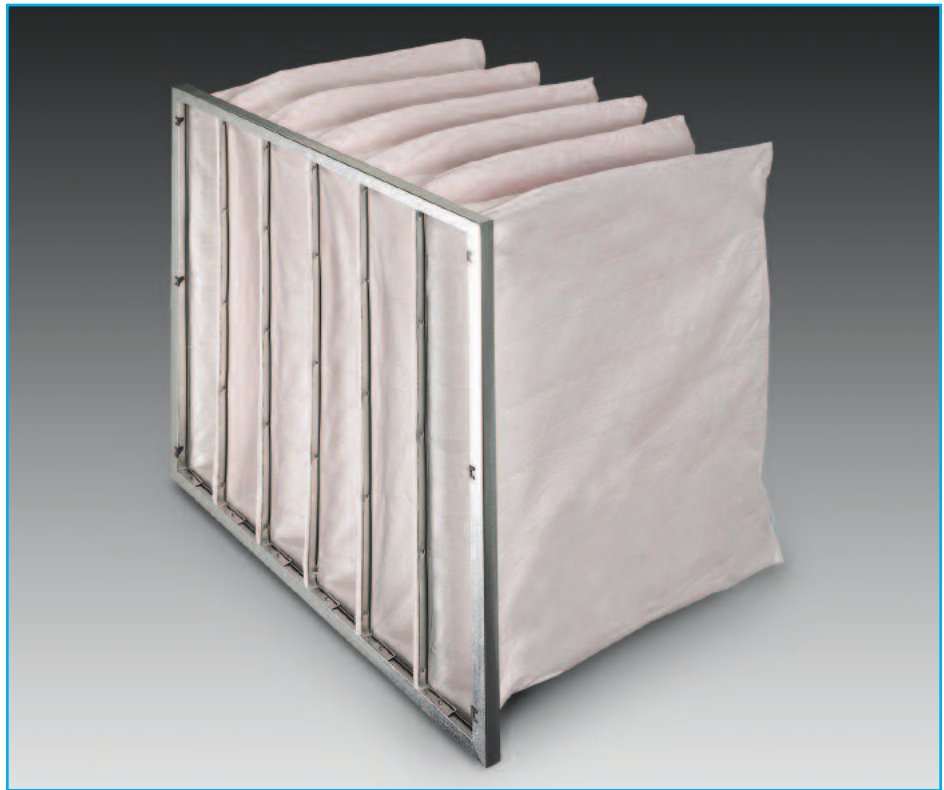


# DAFCO FILTRATION GROUP®

## POCKET FILTERS



- Medium to High Efficiency per ASHRAE 52.1
- Open throat design for optimum air flow
- Galvanized steel header and J-channels for filter strength
- Available in a wide range of sizes
- Gasketing available
- Pocket support loops are available
- UL Class 2



### DESCRIPTION

**T**he Areostar Pocket Filters are constructed with a unique spanned stitching, which optimizes pocket configuration for minimum resistance and maximum dust holding capacity. The media consists of strategically layered and blended melt-blown polypropylene fibers fastened to a non-shed, high-density polypropylene backing. This design creates a dual-stage filtration effect with the final layer capturing the smaller particulate from the air stream. A thermoplastic sealant is applied in liquid form allowing it to totally encapsulate each stitch. Safety stitching around all three edges, creates a leak free design that will withstand high pressure and turbulent system conditions. Individual pockets are bonded to a galvanized steel j-channel. The j-channels are mechanically fastened to a 26 gauge galvanized steel header.

### BENEFITS

The Pocket Filter offers high efficiency filtration, low initial resistance, high dust holding capacity, and best economy of any filter within the industry. The non-shed media eliminates fiber migration downstream and withstands 100% humidity.

### APPLICATIONS

The Pocket Filters are designed as primary or secondary filters in heating, ventilating and air conditioning systems. Various depths and pocket configurations are offered to accommodate any type of HVAC equipment. Superior dusting-holding capabilities allow these filters to be used in most commercial and industrial applications as well as hospitals, automotive plants and biotechnology facilities.



**DAFCO FILTRATION GROUP®**

## DIMENSIONS AND PERFORMANCE DATA

| EFFICIENCY 45%, 65%, 85% & 95% |                         |                              |                               |                               |                               |
|--------------------------------|-------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|
| SIZE<br>HxWxD*<br>(INCHES)     | NUMBER<br>OF<br>POCKETS | 45%<br>MERV 9<br>PART NUMBER | 65%<br>MERV 11<br>PART NUMBER | 85%<br>MERV 13<br>PART NUMBER | 95%<br>MERV 14<br>PART NUMBER |
| 24 x 24 x 12                   | 8                       | 92000                        | 92041                         | 92081                         | 92121                         |
| 24 x 20 x 12                   | 6                       | 92001                        | 92042                         | 92082                         | 92122                         |
| 20 x 20 x 12                   | 6                       | 92003                        | 92043                         | 92083                         | 92123                         |
| 24 x 12 x 12                   | 4                       | 92004                        | 92044                         | 92084                         | 92124                         |
| 24 x 24 x 12                   | 6                       | 92005                        | 92045                         | 92085                         | 92125                         |
| 24 x 20 x 12                   | 5                       | 92006                        | 92046                         | 92086                         | 92126                         |
| 20 x 20 x 12                   | 5                       | 92007                        | 92047                         | 92087                         | 92127                         |
| 24 x 12 x 12                   | 3                       | 92008                        | 92048                         | 92088                         | 92128                         |
| 24 x 24 x 15                   | 8                       | 92009                        | 92049                         | 92089                         | 92129                         |
| 24 x 20 x 15                   | 6                       | 92010                        | 92050                         | 92090                         | 92130                         |
| 20 x 20 x 15                   | 6                       | 92011                        | 92051                         | 92091                         | 92131                         |
| 24 x 12 x 15                   | 4                       | 92012                        | 92052                         | 92092                         | 92132                         |
| 24 x 24 x 15                   | 6                       | 92013                        | 92053                         | 92093                         | 92133                         |
| 24 x 20 x 15                   | 5                       | 92014                        | 92054                         | 92094                         | 92134                         |
| 20 x 20 x 15                   | 5                       | 92015                        | 92055                         | 92095                         | 92135                         |
| 24 x 12 x 15                   | 3                       | 92016                        | 92056                         | 92096                         | 92136                         |
| 24 x 24 x 22                   | 8                       | 92017                        | 92057                         | 92097                         | 92137                         |
| 24 x 20 x 22                   | 6                       | 92018                        | 92058                         | 92098                         | 92138                         |
| 20 x 20 x 22                   | 6                       | 92019                        | 92059                         | 92099                         | 92139                         |
| 24 x 12 x 22                   | 4                       | 92020                        | 92060                         | 92100                         | 92140                         |
| 24 x 24 x 22                   | 6                       | 92021                        | 92061                         | 92101                         | 92141                         |
| 24 x 20 x 22                   | 5                       | 92022                        | 92062                         | 92102                         | 92142                         |
| 20 x 20 x 22                   | 5                       | 92023                        | 92063                         | 92103                         | 92143                         |
| 24 x 12 x 22                   | 3                       | 92024                        | 92064                         | 92104                         | 92144                         |
| 24 x 24 x 29                   | 8                       | 92025                        | 92065                         | 92105                         | 92145                         |
| 24 x 20 x 29                   | 6                       | 92026                        | 92066                         | 92106                         | 92146                         |
| 20 x 20 x 29                   | 6                       | 92027                        | 92067                         | 92107                         | 92147                         |
| 24 x 12 x 29                   | 4                       | 92028                        | 92068                         | 92108                         | 92148                         |
| 24 x 24 x 29                   | 6                       | 92029                        | 92069                         | 92109                         | 92149                         |
| 24 x 20 x 29                   | 5                       | 92030                        | 92070                         | 92110                         | 92150                         |
| 20 x 20 x 29                   | 5                       | 92031                        | 92071                         | 92111                         | 92151                         |
| 24 x 12 x 29                   | 3                       | 92032                        | 92072                         | 92112                         | 92152                         |
| 24 x 24 x 36                   | 8                       | 92033                        | 92073                         | 92113                         | 92153                         |
| 24 x 20 x 36                   | 6                       | 92034                        | 92074                         | 92114                         | 92154                         |
| 20 x 20 x 36                   | 6                       | 92035                        | 92075                         | 92115                         | 92155                         |
| 24 x 12 x 36                   | 4                       | 92036                        | 92076                         | 92116                         | 92156                         |
| 24 x 24 x 36                   | 6                       | 92037                        | 92077                         | 92117                         | 92157                         |
| 24 x 20 x 36                   | 5                       | 92038                        | 92078                         | 92118                         | 92158                         |
| 20 x 20 x 36                   | 5                       | 92039                        | 92079                         | 92119                         | 92159                         |
| 24 x 12 x 36                   | 3                       | 92040                        | 92080                         | 92120                         | 92160                         |

\* Contact Customer Service for additional sizes and information.

| FILTER<br>DEPTH<br>(INCHES) | NUMBER<br>OF<br>POCKETS | AIRFLOW<br>CAPACITY<br>(cfm) | PRESSURE DROP<br>("w.g.) |      |      |
|-----------------------------|-------------------------|------------------------------|--------------------------|------|------|
|                             |                         |                              | 95%                      | 85%  | 65%  |
| 36                          | 8                       | 2000                         | 0.36                     | 0.34 | 0.28 |
|                             | 6                       | 2000                         | 0.45                     | 0.41 | 0.37 |
| 29                          | 8                       | 2000                         | 0.33                     | 0.29 | 0.26 |
|                             | 6                       | 2000                         | 0.41                     | 0.34 | 0.31 |
| 22                          | 8                       | 2000                         | 0.36                     | 0.30 | 0.27 |
|                             | 6                       | 2000                         | 0.49                     | 0.35 | 0.33 |
| 15                          | 8                       | 2000                         | 0.58                     | 0.42 | 0.36 |
|                             | 6                       | 2000                         | 0.72                     | 0.52 | 0.42 |
| 12                          | 8                       | 2000                         | 0.80                     | 0.54 | 0.39 |
|                             | 6                       | 2000                         | 0.98                     | 0.62 | 0.45 |

## SPECIFICATIONS

Filter Media: Synthetic Polypropylene

Header: 26 ga. Galvanized Steel

Flammability: UL Class 2

Recommended  
Final Resistance: 1.0 "w.g.

Maximum  
Temperature: 150° F

Actual Header: 3/4" thickness

Actual Face Size: Nominal less 5/8"

