# SUPERIOR Filtration Products, Inc.

| REVISIONS | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | PPROVED |
| - | RELEA SED FOR PRODUCTION | | |

## FlowCell "C" 95% MERV 14 Bag Filters ~ Specifications and Pressure Drop at Flow Rate

| Nominal Depth (Inches) | Nominal Width (Inches) | Nominal Height (Inches) | Number of Pockets | Media Area (Sq. Ft.) | 375 FPM | | 500 FPM | | 625 FPM | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | CFM | PD | CFM | PD | CFM | PD |
| 15 | 24 | 24 | 12 | 65 | 1500 | 0.40 | 2000 | 0.55 | 2500 | 0.75 |
| 15 | 12 | 24 | 6 | 33 | 750 | 0.40 | 1000 | 0.55 | 1250 | 0.75 |
| 22 | 24 | 24 | 6 | 48 | 1500 | 0.42 | 2000 | 0.60 | 2500 | 0.79 |
| 22 | 12 | 24 | 3 | 24 | 750 | 0.42 | 1000 | 0.60 | 1250 | 0.79 |
| 22 | 24 | 24 | 8 | 64 | 1500 | 0.36 | 2000 | 0.51 | 2500 | 0.67 |
| 22 | 12 | 24 | 4 | 32 | 750 | 0.36 | 1000 | 0.51 | 1250 | 0.67 |
| 22 | 24 | 24 | 10 | 79 | 1500 | 0.34 | 2000 | 0.48 | 2500 | 0.64 |
| 22 | 12 | 24 | 5 | 40 | 750 | 0.34 | 1000 | 0.48 | 1250 | 0.64 |
| 30 | 24 | 24 | 6 | 65 | 1500 | 0.36 | 2000 | 0.52 | 2500 | 0.73 |
| 30 | 12 | 24 | 3 | 33 | 750 | 0.36 | 1000 | 0.52 | 1250 | 0.73 |
| 30 | 24 | 24 | 8 | 87 | 1500 | 0.25 | 2000 | 0.37 | 2500 | 0.52 |
| 30 | 12 | 24 | 4 | 43 | 750 | 0.25 | 1000 | 0.37 | 1250 | 0.52 |
| 30 | 24 | 24 | 10 | 108 | 1500 | 0.24 | 2000 | 0.35 | 2500 | 0.49 |
| 30 | 12 | 24 | 5 | 54 | 750 | 0.24 | 1000 | 0.35 | 1250 | 0.49 |
| 36 | 24 | 24 | 6 | 78 | 1500 | 0.32 | 2000 | 0.47 | 2500 | 0.66 |
| 36 | 12 | 24 | 3 | 39 | 750 | 0.32 | 1000 | 0.47 | 1250 | 0.66 |
| 36 | 24 | 24 | 8 | 104 | 1500 | 0.23 | 2000 | 0.33 | 2500 | 0.47 |
| 36 | 12 | 24 | 4 | 52 | 750 | 0.23 | 1000 | 0.33 | 1250 | 0.47 |

## FlowCell "C" 85% MERV 13 Bag Filters ~ Specifications and Pressure Drop at Flow Rate

| Nominal Depth (Inches) | Nominal Width (Inches) | Nominal Height (Inches) | Number of Pockets | Media Area (Sq. Ft.) | 375 FPM | | 500 FPM | | 625 FPM | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | CFM | PD | CFM | PD | CFM | PD |
| 15 | 24 | 24 | 12 | 65 | 1500 | 0.30 | 2000 | 0.44 | 2500 | 0.59 |
| 15 | 12 | 24 | 6 | 33 | 750 | 0.30 | 1000 | 0.4 | 1250 | 0.59 |
| 22 | 24 | 24 | 6 | 48 | 1500 | 0.32 | 2000 | 0.47 | 2500 | 0.63 |
| 22 | 12 | 24 | 3 | 24 | 750 | 0.32 | 1000 | 0.47 | 1250 | 0.63 |
| 22 | 24 | 24 | 8 | 64 | 1500 | 0.24 | 2000 | 0.36 | 2500 | 0.51 |
| 22 | 12 | 24 | 4 | 32 | 750 | 0.24 | 1000 | 0.36 | 1250 | 0.51 |
| 22 | 24 | 24 | 10 | 79 | 1500 | 0.22 | 2000 | 0.34 | 2500 | 0.48 |
| 22 | 12 | 24 | 5 | 40 | 750 | 0.22 | 1000 | 0.34 | 1250 | 0.48 |
| 30 | 24 | 24 | 6 | 65 | 1500 | 0.30 | 2000 | 0.42 | 2500 | 0.57 |
| 30 | 12 | 24 | 3 | 33 | 750 | 0.30 | 1000 | 0.42 | 1250 | 0.57 |
| 30 | 24 | 24 | 8 | 87 | 1500 | 0.22 | 2000 | 0.33 | 2500 | 0.46 |
| 30 | 12 | 24 | 4 | 43 | 750 | 0.22 | 1000 | 0.33 | 1250 | 0.46 |
| 30 | 24 | 24 | 10 | 108 | 1500 | 0.20 | 2000 | 0.31 | 2500 | 0.43 |
| 30 | 12 | 24 | 5 | 54 | 750 | 0.20 | 1000 | 0.31 | 1250 | 0.43 |
| 36 | 24 | 24 | 6 | 78 | 1500 | 0.27 | 2000 | 0.38 | 2500 | 0.51 |
| 36 | 12 | 24 | 3 | 39 | 750 | 0.27 | 1000 | 0.38 | 1250 | 0.51 |
| 36 | 24 | 24 | 8 | 104 | 1500 | 0.20 | 2000 | 0.30 | 2500 | 0.41 |
| 36 | 12 | 24 | 4 | 52 | 750 | 0.20 | 1000 | 0.30 | 1250 | 0.41 |

## FlowCell "C" 60-65% MERV 11 Bag Filters ~ Specifications and Pressure Drop at Flow Rate

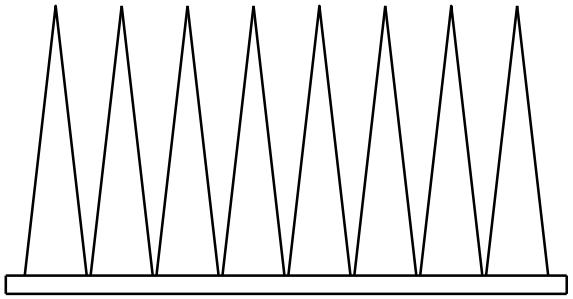
| Nominal Depth (Inches) | Nominal Width (Inches) | Nominal Height (Inches) | Number of Pockets | Media Area (Sq. Ft.) | 375 FPM | | 500 FPM | | 625 FPM | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | CFM | PD | CFM | PD | CFM | PD |
| 15 | 24 | 24 | 12 | 65 | 1500 | 0.18 | 2000 | 0.28 | 2500 | 0.39 |
| 15 | 12 | 24 | 6 | 33 | 750 | 0.18 | 1000 | 0.28 | 1250 | 0.39 |
| 22 | 24 | 24 | 6 | 48 | 1500 | 0.19 | 2000 | 0.30 | 2500 | 0.41 |
| 22 | 12 | 24 | 3 | 24 | 750 | 0.19 | 1000 | 0.30 | 1250 | 0.41 |
| 22 | 24 | 24 | 8 | 64 | 1500 | 0.16 | 2000 | 0.25 | 2500 | 0.37 |
| 22 | 12 | 24 | 4 | 32 | 750 | 0.16 | 1000 | 0.25 | 1250 | 0.37 |
| 22 | 24 | 24 | 10 | 79 | 1500 | 0.15 | 2000 | 0.24 | 2500 | 0.34 |
| 22 | 12 | 24 | 5 | 40 | 750 | 0.15 | 1000 | 0.24 | 1250 | 0.34 |
| 30 | 24 | 24 | 6 | 65 | 1500 | 0.18 | 2000 | 0.29 | 2500 | 0.39 |
| 30 | 12 | 24 | 3 | 33 | 750 | 0.18 | 1000 | 0.29 | 1250 | 0.39 |
| 30 | 24 | 24 | 8 | 87 | 1500 | 0.15 | 2000 | 0.23 | 2500 | 0.34 |
| 30 | 12 | 24 | 4 | 43 | 750 | 0.15 | 1000 | 0.23 | 1250 | 0.34 |
| 30 | 24 | 24 | 10 | 108 | 1500 | 0.14 | 2000 | 0.22 | 2500 | 0.32 |
| 30 | 12 | 24 | 5 | 54 | 750 | 0.14 | 1000 | 0.22 | 1250 | 0.32 |
| 36 | 24 | 24 | 6 | 78 | 1500 | 0.18 | 2000 | 0.26 | 2500 | 0.36 |
| 36 | 12 | 24 | 3 | 39 | 750 | 0.18 | 1000 | 0.26 | 1250 | 0.36 |
| 36 | 24 | 24 | 8 | 104 | 1500 | 0.14 | 2000 | 0.22 | 2500 | 0.31 |
| 36 | 12 | 24 | 4 | 52 | 750 | 0.14 | 1000 | 0.22 | 1250 | 0.31 |

## FlowCell "C" 50-55% MERV 10 Bag Filters ~ Specifications and Pressure Drop at Flow Rate

| Nominal Depth (Inches) | Nominal Width (Inches) | Nominal Height (Inches) | Number of Pockets | Media Area (Sq. Ft.) | 375 FPM | | 500 FPM | | 625 FPM | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | CFM | PD | CFM | PD | CFM | PD |
| 15 | 24 | 24 | 12 | 65 | 1500 | 0.18 | 2000 | 0.28 | 2500 | 0.35 |
| 15 | 12 | 24 | 6 | 33 | 750 | 0.18 | 1000 | 0.28 | 1250 | 0.35 |
| 22 | 24 | 24 | 6 | 48 | 1500 | 0.19 | 2000 | 0.30 | 2500 | 0.37 |
| 22 | 12 | 24 | 3 | 24 | 750 | 0.19 | 1000 | 0.30 | 1250 | 0.37 |
| 22 | 24 | 24 | 8 | 64 | 1500 | 0.16 | 2000 | 0.25 | 2500 | 0.33 |
| 22 | 12 | 24 | 4 | 32 | 750 | 0.16 | 1000 | 0.25 | 1250 | 0.33 |
| 22 | 24 | 24 | 10 | 79 | 1500 | 0.15 | 2000 | 0.24 | 2500 | 0.31 |
| 22 | 12 | 24 | 5 | 40 | 750 | 0.15 | 1000 | 0.24 | 1250 | 0.31 |
| 30 | 24 | 24 | 6 | 65 | 1500 | 0.16 | 2000 | 0.26 | 2500 | 0.35 |
| 30 | 12 | 24 | 3 | 33 | 750 | 0.16 | 1000 | 0.26 | 1250 | 0.35 |
| 30 | 24 | 24 | 8 | 87 | 1500 | 0.14 | 2000 | 0.21 | 2500 | 0.31 |
| 30 | 12 | 24 | 4 | 43 | 750 | 0.14 | 1000 | 0.21 | 1250 | 0.31 |
| 30 | 24 | 24 | 10 | 108 | 1500 | 0.14 | 2000 | 0.20 | 2500 | 0.29 |
| 30 | 12 | 24 | 5 | 54 | 750 | 0.14 | 1000 | 0.20 | 1250 | 0.29 |
| 36 | 24 | 24 | 6 | 78 | 1500 | 0.15 | 2000 | 0.24 | 2500 | 0.32 |
| 36 | 12 | 24 | 3 | 39 | 750 | 0.15 | 1000 | 0.24 | 1250 | 0.32 |
| 36 | 24 | 24 | 8 | 104 | 1500 | 0.14 | 2000 | 0.20 | 2500 | 0.29 |
| 36 | 12 | 24 | 4 | 52 | 750 | 0.14 | 1000 | 0.20 | 1250 | 0.29 |

SIZE A | DWG. NO. FCASHB-TB | REV - | SCALE NONE | PAGE 1 of 2

SUPERIOR
Filtration Products, Inc.



Physical Data

MEDIA: Standard medias Microfine Synthetic with lofted fiberglass media also available.

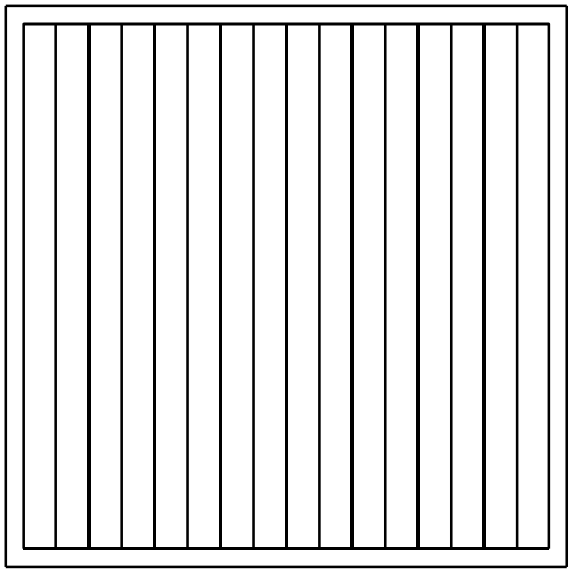
INFLATION CONTROL: Inflation is controlled and optimized through the use of ultrasonic welded pocket ribbons. Ribbons eliminate the need for seconary sealing methods.

POCKET CONSTRUCTION: Pockets are 100% stake through crimped to prevent media pull through.

FRAMES: 24 and 30 gauge corrosion resistant galvanized steel frames and componants standard.

VERSTILITY: A wide range of cartridge sizes and depths, media square footage measurements and efficiencies are availabe to meet most operating environments and requirements.

EFFICIENCY: Average efficiency ranges of 55%, 65%, 85% and 95% per ASHRAE Standard 52.1 test methods. MERV 10, 11, 13, and 15 per ASHRAE 52.2 test methods.



GENERAL NOTES

- "PD" denotes clean pressure drop in inches of water gauge. Factory recommended final pressure drop for all models of Flow Cell bag filters is 1.0" of water gauge. System design or other conditions may dictate a lower pressure drop at change-out.
- Filter sizes as stated are nominal sizes. Actual filter face sizes are 5/8" under in both height and width for 12x24 and 24x24 filters. On all other sizes of filters the filter face is 1/2" under in both the height and width. All filter depths are 1/4" under stated nominal dimensions.
- Superior Filtration Products performance tolerances conform to Section 7.4 of API Standard 850.
- Performance values as shown may be averages or exstimates to generally represent product styles and models.
- Superior Filtration Products uses an ongoing research and developement model. As such design characteristics, specifications, and performance data may change without notice.

| SIZE | DWG. NO. | FCASHB-TB |
|---|---|---|
| A | | |
| REV - | SCALE | PAGE 2 of 2 |