



Venti-Pak® Technical Data

Extended Surface Pocket Filters - Fiber Glass Media

| Model Number | Nominal Size (Inches) (HxWxD) | Number of Pockets | Media Area (Sq. Ft.) | Air Flow Capacity (CFM) | | | Rated Initial Resistance (In. W.G.) | | | | |
|--------------|-------------------------------|-------------------|----------------------|-------------------------|---------|-----------|-------------------------------------|----------|----------|----------|----------|
| | | | | 375 FPM | 500 FPM | 625 (FPM) | 90 - 95% | 80 - 85% | 60 - 65% | 50 - 50% | 40 - 45% |
| | | | | @ 500 FPM | | | | | | | |
| VP*-A-9-36 | 24 x 24 x 36 | 9 | 113 | 1500 | 2000 | 2500 | .43 | .35 | .33 | - | - |
| VP*-A-8-36 | 24 x 24 x 36 | 8 | 100 | 1500 | 2000 | 2500 | .45 | .37 | .30 | - | - |
| VP*-A-7-36 | 24 x 24 x 36 | 7 | 91 | 1500 | 2000 | 2500 | .47 | .39 | .32 | - | - |
| VP*-A-6-36 | 24 x 24 x 36 | 6 | 78 | 1500 | 2000 | 2500 | .51 | .42 | .35 | - | - |
| VP*-B-3-36 | 24 x 12 x 36 | 3 | 39 | 750 | 1000 | 1250 | .51 | .42 | .35 | - | - |
| VP*-C-6-36 | 12 x 24 x 36 | 6 | 41 | 750 | 1000 | 1250 | .51 | .42 | .35 | - | - |
| VP*-F-5-33 | 20 x 20 x 33 | 5 | 51 | 1050 | 1400 | 1750 | .53 | .44 | .37 | - | - |
| VP*-A-10-32 | 24 x 24 x 32 | 10 | 112 | 1500 | 2000 | 2500 | .48 | .39 | .32 | - | - |
| VP*-B-5-32 | 24 x 12 x 32 | 5 | 56 | 750 | 1000 | 1250 | .48 | .39 | .32 | - | - |
| VP*-A-10-29 | 24 x 24 x 29 | 10 | 101 | 1500 | 2000 | 2500 | .50 | .41 | .34 | - | - |
| VP*-A-8-29 | 24 x 24 x 29 | 8 | 81 | 1500 | 2000 | 2500 | .48 | .39 | .32 | .27 | - |
| VP*-A-6-29 | 24 x 24 x 29 | 6 | 63 | 1500 | 2000 | 2500 | .52 | .43 | .36 | .29 | - |
| VP*-B-4-29 | 24 x 12 x 29 | 4 | 41 | 750 | 1000 | 1250 | .48 | .43 | .32 | .27 | - |
| VP*-B-3-29 | 24 x 12 x 29 | 3 | 32 | 750 | 1000 | 1250 | .52 | .43 | .36 | .29 | - |
| VP*-C-6-29 | 12 x 24 x 29 | 6 | 33 | 750 | 1000 | 1250 | .52 | .43 | .36 | .29 | - |
| VP*-D-5-29 | 24 x 20 x 29 | 5 | 53 | 1250 | 1650 | 2050 | .52 | .43 | .36 | .29 | - |
| VP*-E-6-29 | 20 x 24 x 29 | 6 | 53 | 1250 | 1650 | 2050 | .52 | .43 | .36 | .29 | - |
| VP*-A-10-25 | 24 x 24 x 25 | 10 | 88 | 1500 | 2000 | 2500 | .51 | .42 | .35 | - | - |
| VP*-A-10-22 | 24 x 24 x 22 | 10 | 77 | 1500 | 2000 | 2500 | .55 | .46 | .38 | - | - |
| VP*-A-8-22 | 24 x 24 x 22 | 8 | 62 | 1500 | 2000 | 2500 | .53 | .44 | .36 | .32 | - |
| VP*-B-5-22 | 24 x 12 x 22 | 5 | 39 | 750 | 1000 | 1250 | .55 | .47 | .38 | - | - |
| VP*-B-4-22 | 24 x 12 x 22 | 4 | 31 | 750 | 1000 | 1250 | .53 | .44 | .36 | .32 | - |
| VP*-D-7-22 | 24 x 20 x 22 | 7 | 54 | 1250 | 1650 | 2050 | .53 | .44 | .36 | .32 | - |
| VP*-A-9-18 | 24 x 24 x 18 | 9 | 57 | 1500 | 2000 | 2500 | .60 | .50 | .41 | .34 | - |
| VP*-A-12-15 | 24 x 24 x 15 | 12 | 63 | 1500 | 2000 | 2500 | .65 | .55 | - | - | - |
| | | | | | | | @ 375 FPM | | | | |
| VP*-A-6-22 | 24 x 24 x 22 | 6 | 47 | 1500 | 2000 | N/R | .40 | .30 | .20 | .18 | - |
| VP*-B-3-22 | 24 x 12 x 22 | 3 | 24 | 750 | 1000 | N/R | .40 | .30 | .20 | .18 | - |
| VP*-C-6-22 | 12 x 24 x 22 | 6 | 26 | 750 | 1000 | N/R | .40 | .30 | .20 | .18 | - |
| VP*-D-5-22 | 24 x 20 x 22 | 5 | 39 | 1250 | 1650 | N/R | .40 | .30 | .20 | .18 | - |
| VP*-F-5-22 | 20 x 20 x 22 | 5 | 34 | 1050 | 1400 | N/R | .40 | .30 | .20 | .18 | - |
| VP*-A-6-21 | 24 x 24 x 21 | 6 | 46 | 1500 | 2000 | N/R | - | - | - | .18 | .14 |
| VP*-B-3-21 | 24 x 12 x 21 | 3 | 23 | 750 | 1000 | N/R | - | - | - | .18 | .14 |
| VP*-D-5-21 | 24 x 20 x 21 | 5 | 38 | 1250 | 1650 | N/R | - | - | - | .18 | .14 |
| VP*-F-5-21 | 20 x 20 x 21 | 5 | 33 | 1050 | 1400 | N/R | - | - | - | .18 | .14 |
| VP*-A-6-18 | 24 x 24 x 18 | 6 | 38 | 1500 | 2000 | N/R | .43 | .38 | .22 | .20 | - |
| VP*-B-3-18 | 24 x 12 x 18 | 3 | 19 | 750 | 1000 | N/R | .43 | .38 | .22 | .20 | - |
| VP*-A-10-15 | 24 x 24 x 15 | 10 | 53 | 1500 | 2000 | N/R | .40 | .35 | .19 | .16 | - |
| VP*-B-5-15 | 24 x 12 x 15 | 5 | 27 | 750 | 1000 | N/R | .40 | .35 | .19 | .16 | - |
| VP*-D-8-15 | 24 x 20 x 15 | 8 | 42 | 1250 | 1650 | N/R | .40 | .35 | .19 | .16 | - |
| VP*-A-6-14 | 24 x 24 x 14 | 6 | 31 | 1500 | 2000 | N/R | - | - | - | .22 | .17 |
| VP*-B-3-14 | 24 x 12 x 14 | 3 | 16 | 750 | 1000 | N/R | - | - | - | .22 | .17 |
| VP*-A-6-10 | 24 x 24 x 10 | 6 | 22 | 1500 | 2000 | N/R | - | - | - | .25 | .21 |
| VP*-B-3-10 | 24 x 12 x 10 | 3 | 11 | 750 | 1000 | N/R | - | - | - | .25 | .21 |

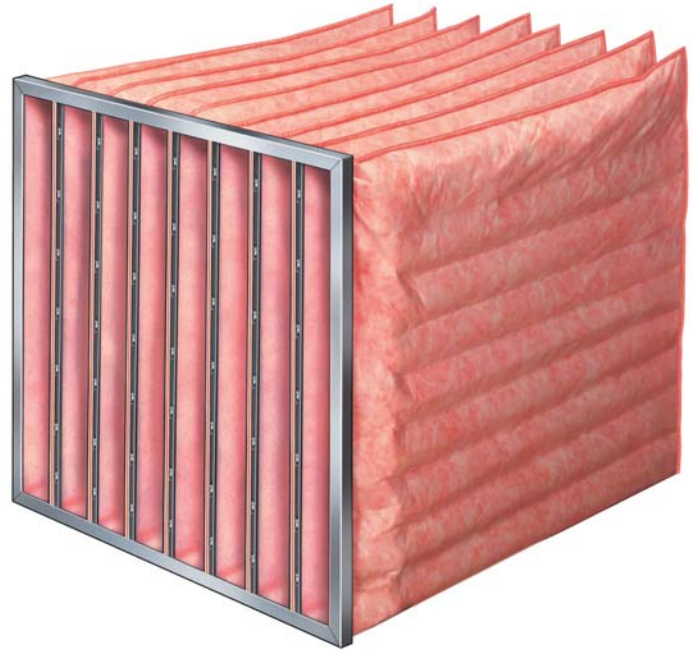
(1) Add efficiency designation to complete Model Number: 9 = 90 - 95%; 8 = 80 - 85%; 6 = 60 - 65%; 5 = 50 - 55%; 4 = 40 - 45%.
 (2) Actual size of face dimensions are 5/8" less than nominal. Header thickness is 13/16". Other headers are available: C = 1-1/8"; E = 1".
 (3) Filter depths are measured from front of header to end of pockets with a tolerance of +1". Custom sizes are available on special order.
 (4) Performance data is based on the ASHRAE 52.1 and 52.2 Test Methods. Tolerances conform to Section 7.4 of ARI Standard 850-93.
 (5) Recommended final resistance is 1.5" W.G.

N/R - Not Recommended

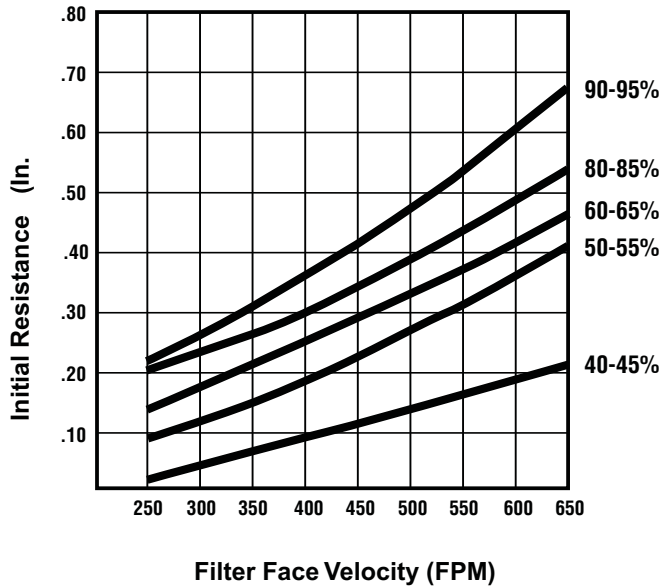
Venti-Pak[®] Technical Data

Extended Surface Pocket Filters - Fiber Glass Media

Operating Data

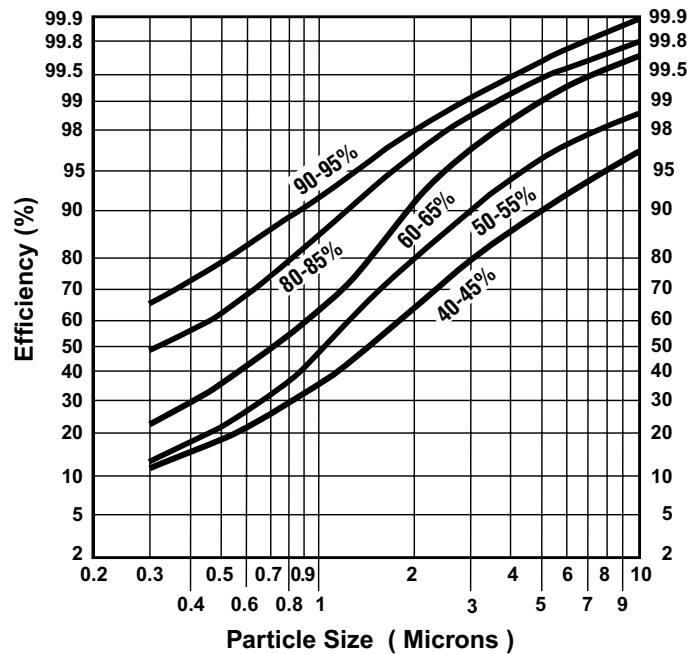


Initial Resistance vs. Filter Face Velocity



Resistance of VP9, VP8, VP6, VP5 filters are based on the 8 pocket, 29" long model.
Resistance of VP4 is based on the 6 pocket, 21" long model.

Efficiency by Particle Size



Underwriters Laboratories, Inc. Classification
Venti-Pak Filters are classified
U.L. Class 2 per U.L. Standard 900.

Operating Temperature Limit (Continuous)
190°F (88°C)

A-TD-VENTI-408



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