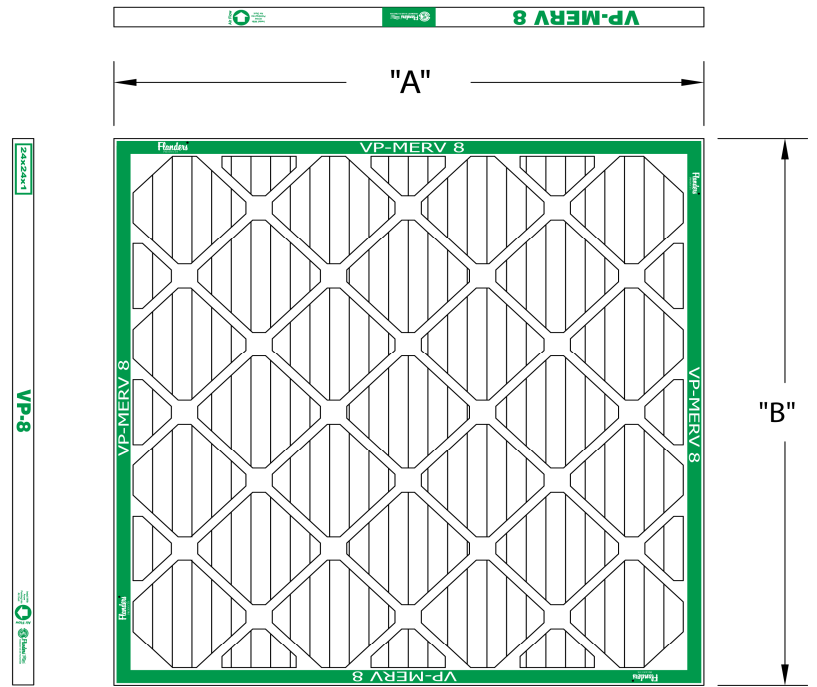


| Nominal Depth (in.) | Nominal Size AxBxD (in.) | Standard Capacity | | | | | | High Capacity | | | | | |
|-----------------------------|--------------------------|-------------------|------|---------|----|----------------------|-------------------|---------------|------|---------|----|----------------------|-------------------|
| | | 300 FPM | | 500 FPM | | Media Area (Sq. Ft.) | Weight Each (lbs) | 300 FPM | | 500 FPM | | Media Area (Sq. Ft.) | Weight Each (lbs) |
| | | CFM | PD | CFM | PD | | | CFM | PD | CFM | PD | | |
| Standard Capacity 13 ppf | 10x10x1 | 208 | 0.22 | 347 | - | 1.1 | 0.2 | 208 | 0.20 | 347 | - | 1.3 | 0.2 |
| | 10x20x1 | 417 | 0.22 | 694 | - | 2.3 | 0.3 | 417 | 0.20 | 694 | - | 2.7 | 0.3 |
| | 12x20x1 | 500 | 0.22 | 833 | - | 2.7 | 0.3 | 500 | 0.20 | 833 | - | 3.1 | 0.3 |
| | 12x24x1 | 600 | 0.22 | 1000 | - | 3.2 | 0.3 | 600 | 0.20 | 1000 | - | 3.7 | 0.4 |
| | 14x24x1 | 583 | 0.22 | 972 | - | 3.3 | 0.3 | 583 | 0.20 | 972 | - | 3.7 | 0.4 |
| | 14x25x1 | 729 | 0.22 | 1215 | - | 4.1 | 0.4 | 729 | 0.20 | 1215 | - | 4.6 | 0.5 |
| | 15x20x1 | 625 | 0.22 | 1042 | - | 3.5 | 0.4 | 625 | 0.20 | 1042 | - | 3.9 | 0.4 |
| | 16x20x1 | 667 | 0.22 | 1111 | - | 3.7 | 0.4 | 667 | 0.20 | 1111 | - | 4.1 | 0.4 |
| | 16x25x1 | 833 | 0.22 | 1389 | - | 4.6 | 0.5 | 833 | 0.20 | 1389 | - | 5.2 | 0.5 |
| | 18x24x1 | 900 | 0.22 | 1500 | - | 4.9 | 0.5 | 900 | 0.20 | 1500 | - | 5.7 | 0.6 |
| High Capacity 15 ppf | 18x25x1 | 938 | 0.22 | 1563 | - | 5.2 | 0.5 | 938 | 0.20 | 1563 | - | 5.9 | 0.6 |
| | 20x20x1 | 833 | 0.22 | 1389 | - | 4.5 | 0.5 | 833 | 0.20 | 1389 | - | 5.1 | 0.5 |
| | 20x24x1 | 1000 | 0.22 | 1667 | - | 5.4 | 0.5 | 1000 | 0.20 | 1667 | - | 6.2 | 0.6 |
| | 20x25x1 | 1042 | 0.22 | 1736 | - | 5.7 | 0.6 | 1042 | 0.20 | 1736 | - | 6.4 | 0.6 |
| | 24x24x1 | 1200 | 0.22 | 2000 | - | 6.4 | 0.6 | 1200 | 0.20 | 2000 | - | 7.4 | 0.7 |
| | 25x25x1 | 1302 | 0.22 | 2170 | - | 7.2 | 0.7 | 1302 | 0.20 | 2170 | - | 8.3 | 0.8 |

| Nominal Size (in.) | Actual Size | | |
|--------------------|-------------|---------|------|
| | A | B | D |
| 10x10x1 | 9 1/2" | 9 1/2" | 3/4" |
| 10x20x1 | 9 1/2" | 19 1/2" | 3/4" |
| 12x20x1 | 11 1/2" | 19 1/2" | 3/4" |
| 12x24x1 | 11 3/8" | 23 3/8" | 3/4" |
| 14x20x1 | 13 1/2" | 19 1/2" | 3/4" |
| 14x25x1 | 13 1/2" | 24 1/2" | 3/4" |
| 15x20x1 | 14 1/2" | 19 1/2" | 3/4" |
| 16x20x1 | 15 1/2" | 19 1/2" | 3/4" |
| 16x25x1 | 15 1/2" | 24 1/2" | 3/4" |
| 18x24x1 | 17 3/8" | 23 3/8" | 3/4" |
| 18x25x1 | 17 1/2" | 24 1/2" | 3/4" |
| 20x20x1 | 19 1/2" | 19 1/2" | 3/4" |
| 20x24x1 | 19 3/8" | 23 3/8" | 3/4" |
| 20x25x1 | 19 1/2" | 24 1/2" | 3/4" |
| 24x24x1 | 23 3/8" | 23 3/8" | 3/4" |
| 25x25x1 | 24 1/2" | 24 1/2" | 3/4" |



Notes:

1. PD represents pressure drop in inches w.g. The recommended final pressure drop for all models is 1.0 in. w.g. System design may dictate a lower change-out point.
2. Efficiency is not affected by the conditioning steps outlined in ASHRAE 52.2-2007 per Appendix J.

| | |
|-------------------|--------------|
| Standard Capacity | 80085.01xxxx |
| High Capacity | 80285.01xxxx |

| | |
|-----------|------|
| Model No. | Qty: |
| Model No. | Qty: |
| Model No. | Qty: |

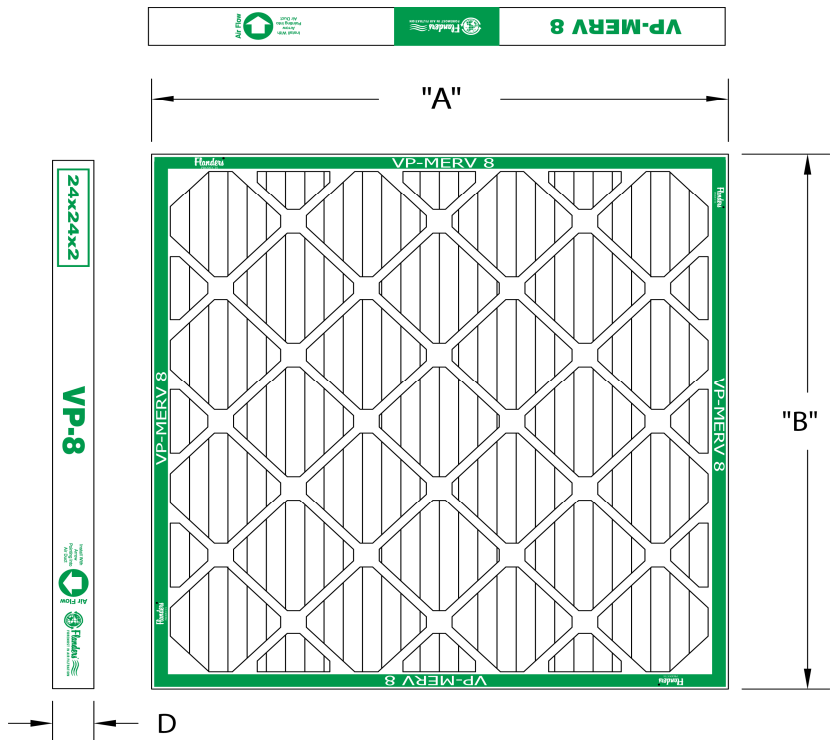
Specifications:

1. Media is made of 100% synthetic non-woven proprietary media that can be recycled.
2. The media is supported by an expanded metal continuously laminated on the air leaving side to provide pleat stability while eliminating flutter.
3. Pleat design is a V-Pleat that aids in pressure drop while reducing energy cost and allowing total media usage, providing maximum airflow.
4. Frame is a two-piece construction, made of a heavy duty 24 point natural Kraft-board material. Diagonal and horizontal support members are bonded to the media on both sides.
5. Maintains a mechanical MERV 8 per ASHRAE Standard 52.2. Classified UL 900 Class 2.
6. Maximum Operating Temperature is 160°F.

| | | |
|--------------------|------------------------------|------|
| Customer | | |
| Customer order No. | | |
| Flanders order No. | | |
| Title: | 1 Inch Deep VP-MERV 8 UL 900 | |
| Drawing No. | Date | Rev. |
| 1" VP-MERV 8 | 12/16/2011 | 0 |

| Nominal Depth (in.) | Nominal Size AxBxD (in.) | Standard Capacity | | | | | | High Capacity | | | | | |
|--------------------------|--------------------------|-------------------|------|---------|------|----------------------|-------------------|---------------|------|---------|------|----------------------|-------------------|
| | | 300 FPM | | 500 FPM | | Media Area (Sq. Ft.) | Weight Each (lbs) | 300 FPM | | 500 FPM | | Media Area (Sq. Ft.) | Weight Each (lbs) |
| | | CFM | PD | CFM | PD | | | CFM | PD | CFM | PD | | |
| 2" | 10x20x2 | 417 | 0.16 | 694 | 0.30 | 4.3 | 0.4 | 417 | 0.12 | 694 | 0.26 | 6.2 | 0.5 |
| | 12x20x2 | 500 | 0.16 | 833 | 0.30 | 4.8 | 0.5 | 500 | 0.12 | 833 | 0.26 | 7.2 | 0.5 |
| | 12x24x2 | 600 | 0.16 | 1000 | 0.30 | 5.8 | 0.6 | 600 | 0.12 | 1000 | 0.26 | 8.7 | 0.6 |
| | 14x20x2 | 583 | 0.16 | 972 | 0.30 | 5.8 | 0.5 | 583 | 0.12 | 972 | 0.26 | 8.6 | 0.6 |
| | 14x25x2 | 729 | 0.16 | 1215 | 0.30 | 7.2 | 0.7 | 729 | 0.12 | 1215 | 0.26 | 10.8 | 0.8 |
| Standard Capacity 10 ppf | 15x20x2 | 625 | 0.16 | 1042 | 0.30 | 6.2 | 0.6 | 625 | 0.12 | 1042 | 0.26 | 9.1 | 0.7 |
| | 16x20x2 | 667 | 0.16 | 1111 | 0.30 | 6.7 | 0.6 | 667 | 0.12 | 1111 | 0.26 | 9.6 | 0.7 |
| | 16x25x2 | 833 | 0.16 | 1389 | 0.30 | 8.4 | 0.7 | 833 | 0.12 | 1389 | 0.26 | 12.0 | 0.9 |
| | 18x24x2 | 900 | 0.16 | 1500 | 0.30 | 8.7 | 0.8 | 900 | 0.12 | 1500 | 0.26 | 13.3 | 0.9 |
| High Capacity 15 ppf | 18x25x2 | 938 | 0.16 | 1563 | 0.30 | 9.0 | 0.8 | 938 | 0.12 | 1563 | 0.26 | 13.8 | 1.0 |
| | 20x20x2 | 833 | 0.16 | 1389 | 0.30 | 8.2 | 0.7 | 833 | 0.12 | 1389 | 0.26 | 12.0 | 0.9 |
| | 20x24x2 | 1000 | 0.16 | 1667 | 0.30 | 9.8 | 0.9 | 1000 | 0.12 | 1667 | 0.26 | 14.4 | 1.0 |
| | 20x25x2 | 1042 | 0.16 | 1736 | 0.30 | 10.2 | 0.9 | 1042 | 0.12 | 1736 | 0.26 | 15.0 | 1.1 |
| | 24x24x2 | 1200 | 0.16 | 2000 | 0.30 | 11.5 | 1.0 | 1200 | 0.12 | 2000 | 0.26 | 17.3 | 1.2 |
| | 25x25x2 | 1302 | 0.16 | 2170 | 0.30 | 12.6 | 1.1 | 1302 | 0.12 | 2170 | 0.26 | 19.3 | 1.3 |

| Nominal Size (in.) | Actual Size | | |
|--------------------|-------------|---------|--------|
| | A | B | D |
| 10x20x2 | 9 1/2" | 19 1/2" | 1 3/4" |
| 12x20x2 | 11 1/2" | 19 1/2" | 1 3/4" |
| 12x24x2 | 11 3/8" | 23 3/8" | 1 3/4" |
| 14x20x2 | 13 1/2" | 19 1/2" | 1 3/4" |
| 14x25x2 | 13 1/2" | 24 1/2" | 1 3/4" |
| 15x20x2 | 14 1/2" | 19 1/2" | 1 3/4" |
| 16x20x2 | 15 1/2" | 19 1/2" | 1 3/4" |
| 16x25x2 | 15 1/2" | 24 1/2" | 1 3/4" |
| 18x24x2 | 17 3/8" | 23 3/8" | 1 3/4" |
| 18x25x2 | 17 1/2" | 24 1/2" | 1 3/4" |
| 20x20x2 | 19 1/2" | 19 1/2" | 1 3/4" |
| 20x24x2 | 19 3/8" | 23 3/8" | 1 3/4" |
| 20x25x2 | 19 1/2" | 24 1/2" | 1 3/4" |
| 24x24x2 | 23 3/8" | 23 3/8" | 1 3/4" |
| 25x25x2 | 24 1/2" | 24 1/2" | 1 3/4" |



| | |
|-------------------|--------------|
| Standard Capacity | 80085.02xxxx |
| High Capacity | 80285.02xxxx |

| | |
|-----------|------|
| Model No. | Qty: |
| Model No. | Qty: |
| Model No. | Qty: |

Notes:

1. PD represents pressure drop in inches w.g. The recommended final pressure drop for all models is 1.0 in. w.g. System design may dictate a lower change-out point.
2. Efficiency is not affected by the conditioning steps outlined in ASHRAE 52.2-2007 per Appendix J.

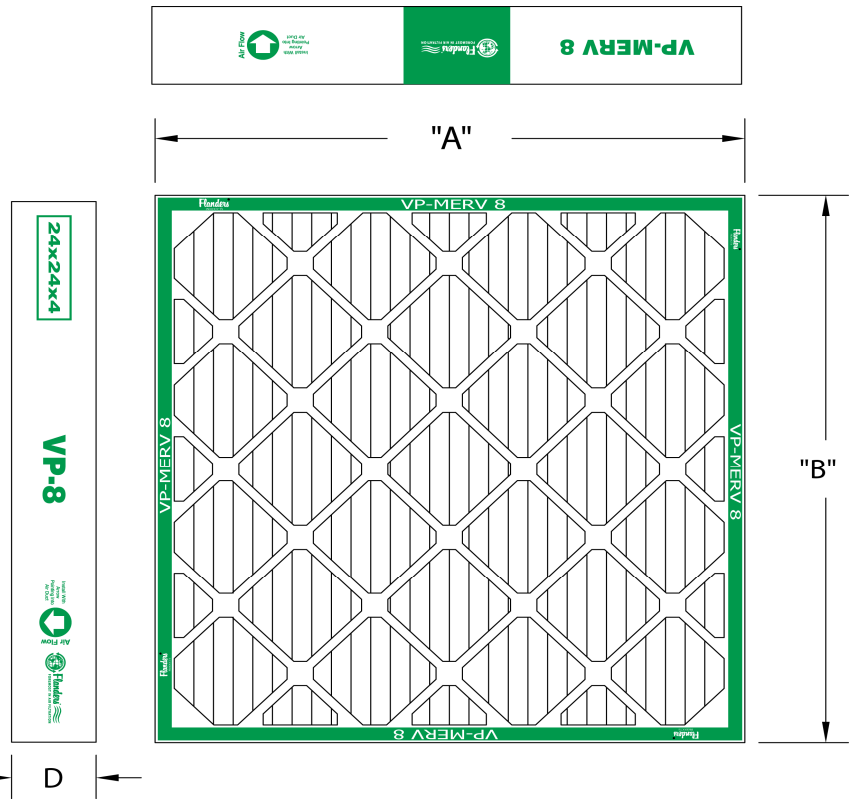
Specifications:

1. Media is made of 100% synthetic non-woven proprietary media that can be recycled.
2. The media is supported by an expanded metal continuously laminated on the air leaving side to provide pleat stability while eliminating flutter.
3. Pleat design is a V-Pleat that aids in pressure drop while reducing energy cost and allowing total media usage, providing maximum airflow.
4. Frame is a two-piece construction, made of a heavy duty 24 point natural Kraft-board material. Diagonal and horizontal support members are bonded to the media on both sides.
5. Maintains a mechanical MERV 8 per ASHRAE Standard 52.2. Classified UL 900 Class 2.
6. Maximum Operating Temperature is 160°F.

| | | |
|--------------------|------------------------------|------|
| | | |
| Customer | | |
| Customer order No. | | |
| Flanders order No. | | |
| Title: | 2 Inch Deep VP-MERV 8 UL 900 | |
| Drawing No. | Date | Rev. |
| 2" VP-MERV 8 | 12/16/2011 | 0 |

| Nominal Depth (in.) | Nominal Size AxBxD (in.) | Standard Capacity | | | | | | High Capacity | | | | | |
|-------------------------------------------------------------|--------------------------|-------------------|------|---------|------|----------------------|--------------|---------------|------|---------|------|----------------------|--------------|
| | | 300 FPM | | 500 FPM | | Media Area (Sq. Ft.) | Weight (lbs) | 300 FPM | | 500 FPM | | Media Area (Sq. Ft.) | Weight (lbs) |
| | | CFM | PD | CFM | PD | | | CFM | PD | CFM | PD | | |
| 4" Standard Capacity 9 ppf High Capacity 13 ppf | 12x24x4 | 600 | 0.11 | 1000 | 0.23 | 11.1 | 1.0 | 600 | 0.10 | 1000 | 0.22 | 16.5 | 1.0 |
| | 16x20x2 | 667 | 0.11 | 1111 | 0.23 | 12.3 | 1.0 | 667 | 0.10 | 1111 | 0.22 | 18.0 | 1.2 |
| | 16x25x4 | 833 | 0.11 | 1389 | 0.23 | 15.5 | 1.3 | 833 | 0.10 | 1389 | 0.22 | 22.6 | 1.4 |
| | 18x24x4 | 900 | 0.11 | 1500 | 0.23 | 17.3 | 1.4 | 900 | 0.10 | 1500 | 0.22 | 24.2 | 1.5 |
| | 20x20x4 | 833 | 0.11 | 1389 | 0.23 | 15.4 | 1.3 | 833 | 0.10 | 1389 | 0.22 | 22.3 | 1.4 |
| | 20x24x4 | 1000 | 0.11 | 1667 | 0.23 | 18.6 | 1.5 | 1000 | 0.10 | 1667 | 0.22 | 24.0 | 1.7 |
| | 20x25x4 | 1042 | 0.11 | 1736 | 0.23 | 19.3 | 1.6 | 1042 | 0.10 | 1736 | 0.22 | 27.7 | 1.8 |
| | 24x24x4 | 1200 | 0.11 | 2000 | 0.23 | 22.3 | 1.8 | 1200 | 0.10 | 2000 | 0.22 | 28.8 | 2.0 |
| | 25x29x4 | 1510 | 0.11 | 2517 | 0.23 | 28.4 | 2.4 | 1510 | 0.10 | 2517 | 0.22 | 28.4 | 2.7 |
| 28x30x4 | 1750 | 0.11 | 2917 | 0.23 | 33.2 | 2.8 | 1750 | 0.10 | 2917 | 0.22 | 42.6 | 3.1 | |

| Nominal Size (in.) | Actual Size | | |
|--------------------|-------------|---------|--------|
| | A | B | D |
| 12x24x4 | 11 3/8" | 23 3/8" | 3 3/4" |
| 16x25x4 | 15 1/2" | 24 1/2" | 3 3/4" |
| 18x24x4 | 17 3/8" | 23 3/8" | 3 3/4" |
| 20x20x4 | 19 1/2" | 19 1/2" | 3 3/4" |
| 20x24x4 | 19 3/8" | 23 3/8" | 3 3/4" |
| 20x25x4 | 19 1/2" | 24 1/2" | 3 3/4" |
| 24x24x4 | 23 3/8" | 23 3/8" | 3 3/4" |
| 25x25x4 | 24 1/2" | 24 1/2" | 3 3/4" |
| 25x29x4 | 24 1/2" | 28 1/2" | 3 3/4" |
| 28x30x4 | 27 1/2" | 29 1/2" | 3 3/4" |



Notes:

1. PD represents pressure drop in inches w.g. The recommended final pressure drop for all models is 1.0 in. w.g. System design may dictate a lower change-out point.
2. Efficiency is not affected by the conditioning steps outlined in ASHRAE 52.2-2007 per Appendix J.

| | |
|-------------------|--------------|
| Standard Capacity | 80085.04xxxx |
| High Capacity | 80285.04xxxx |

| | |
|-----------|------|
| Model No. | Qty: |
| Model No. | Qty: |
| Model No. | Qty: |

Specifications:

1. Media is made of 100% synthetic non-woven proprietary media that can be recycled.
2. The media is supported by an expanded metal continuously laminated on the air leaving side to provide pleat stability while eliminating flutter.
3. Pleat design is a V-Pleat that aids in pressure drop while reducing energy cost and allowing total media usage, providing maximum airflow.
4. Frame is a two-piece construction, made of a heavy duty 24 point natural Kraft-board material. Diagonal and horizontal support members are bonded to the media on both sides.
5. Maintains a mechanical MERV 8 per ASHRAE Standard 52.2. Classified UL 900 Class 2.
6. Maximum Operating Temperature is 160°F.

| | | |
|--------------------|------------------------------|------|
| | | |
| Customer | | |
| Customer order No. | | |
| Flanders order No. | | |
| Title: | 4 Inch Deep VP-MERV 8 UL 900 | |
| Drawing No. | Date | Rev. |
| 4" VP-MERV 8 | 12/16/2011 | 0 |