Vline Panel Filter Synthetic Media VL4 95mm Deep

| Part No. | Nominal Size Inches | Height (mm) | Width (mm) | Depth (mm) | Rated Airflow m³/hr |
|----------|------------------------|----------------|------------|------------|---------------------|
| VL4-1010 | 10x10x4 | 241 | 241 | 95 | 560 |
| VL4-1212 | 12x12x4 | 292 | 292 | 95 | 820 |
| VL4-1515 | 15x15x4 | 368 | 368 | 95 | 1305 |
| VL4-1616 | 16x16x4 | 394 | 394 | 95 | 1495 |
| VL4-1818 | 18x18x4 | 445 | 445 | 95 | 1905 |
| VL4-2010 | 20x10x4 | 495 | 241 | 95 | 1150 |
| VL4-2015 | 20x15x4 | 495 | 368 | 95 | 1755 |
| VL4-2016 | 20x16x4 | 495 | 394 | 95 | 1880 |
| VL4-2020 | 20x20x4 | 495 | 495 | 95 | 2360 |
| VL4-2412 | 24x12x4 | 594 | 292 | 95 | 1670 |
| VL4-2420 | 24x20x4 | 594 | 495 | 95 | 2830 |
| VL4-2424 | 24x24x4 | 594 | 594 | 95 | 3400 |
| VL4-2516 | 25x16x4 | 622 | 394 | 95 | 2360 |
| VL4-2520 | 25x20x4 | 622 | 495 | 95 | 2965 |

| Performance | | | | | |
|-----------------------------------|--------------|--|--|--|--|
| Filter Class ISO16890 | ISO Coarse | | | | |
| Initial Gravimetric Arrestance | 85% | | | | |
| Filter Class EN779:2012 | G4 | | | | |
| Filter Depth | 95mm | | | | |
| Rated Airflow | 2.76m/second | | | | |
| Initial Pressure Drop | 61Pa | | | | |
| Final Pressure Drop* | 200Pa | | | | |
| *This is a recommended value only | | | | | |

General Description

The VLine pleated Panel filter is an economy specific disposable product offering a better than basic level of filtration, or pre-filtration in HEVAC applications. This product is made using patented filter media which offers an upgrade from traditional cotton polyester products.

Construction

This product is constructed by bonding a pleat pack of VLine Synthetic Media into a water repellent AquaKote® card frame.

The VLine Filter Media

Has a graduated density for even dirt loading, resulting in greater dust holding Electrostat is hydrophobic – so will not load with moisture in the air

Has a constant efficiency due to its extra electrostatic charge

Superior Efficiency V's Particle size (see table). The filter has a low pressure drop. The fibres are continuous so will not shed.

Frame Features

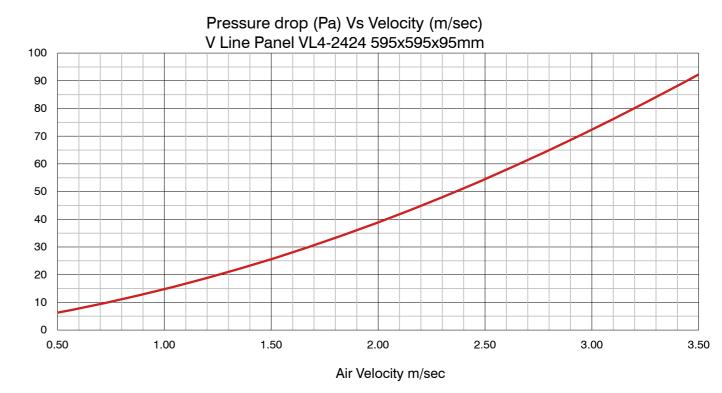
Jasun Envirocare use the heaviest AquaKote board available at 710micorns for the entire range of panel filters we produce. The Elmendorf wet tear strength is rated at a massive 6963mN. The adhesive used is specially formulated to maintain adhesion even under wet conditions.

The expanded steel backing to the media is designed to provide maximum support whilst offering minimal airflow resistance

Operating Temperature

Continuous 80 °Centigrade

[>]ressure Drop [Pa]





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