

Vline Panel Filter

Synthetic Media

VL4 95mm Deep



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 710microns 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

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

Pressure drop (Pa) Vs Velocity (m/sec)
V Line Panel VL4-2424 595x595x95mm

