VariPak®

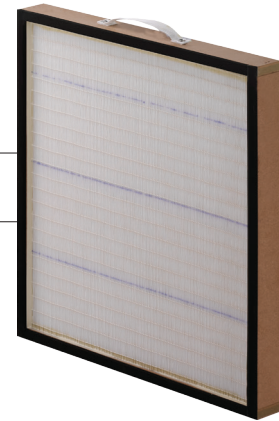## MULTI-PURPOSE HIGH EFFICIENCY COMPACT FILTER

Features and Benefits

- For use as prefilter or fine filter
- Various media pack depths and cell side combinations available
- Low resistance = long service life
- Maximum operating temperature 70 °C

Applications

VariPak is a multi-purpose air filter. It can be used as a prefilter to a HEPA filter operating at low face velocity or as a fine filter in commercial HVAC systems at a recommended face velocity of 1,0 - 1,5 m/s.

The Filter

Depending on the application, the VariPak filter can be supplied in a wide variety of mini-pleat media pack depths and cell side configurations, including die-cut carton box, non-shedding MDF, extruded aluminium and aluminized U-profile. The ultra fine glass fibre media pack features thermoplastic separators which maintain uniform spacing between pleats and ensure low media resistance: low media resistance translates into low energy consumption and long service life.

The filter can be supplied with or without a one-piece gasket and in certain configurations with a faceguard.

Operating Temperature

VariPak air filters have a maximum operating temperature of 70 °C.

Disposal

MDF and die-cut versions can be disposed of by incineration. Products with metal parts can be landfilled.

Recommended Final Resistance

The recommended final resistance is 450 Pa.

AAF
INTERNATIONAL

VariPak® Filter

Standard configuration

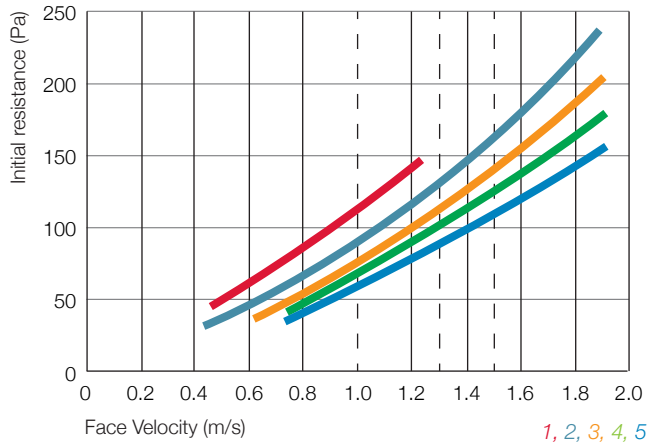| Item	Component	Component Code Definition
A	Filter Type	VP = VariPak®
C	Cell sides	10 = die-cut carton box 11 = Aluminium extrusion 72 = MDF 89 = Aluminized steel 99 = Aluminium extrusion 90 = Aluminium extrusion with 20 mm flange for 3" media
D	Pack Depth	P = 25 mm R = 35 mm K = 48 mm L = 72 mm M = 96 mm S = 125 mm
E	Bond	9 = Polyurethane 2 = polyurethane flame retandant 0 = none on filters with die-cut carton box cell sides
F	Gasket type	S = foamed polyurethane P = No gasket T = neoprene 6 mm A = special B = Biomed gel
G	Gasket location	0 = none 1 = air entering side 2 = air leaving side 3 = both sides 4 = special
H	Faceguard	P = none E = epoxy coated steel Z = special A = Aluminium U = Chrome steel G = Galvanized steel S = Stainless steel (304)
I	Faceguard location	0 = none 1 = Air leaving side 2 = Air entry side 3 = Both sides
J	Various	S = Glasscrim (CAS) D = Devider H = Handle R = Reversed airflow (when applicable)

How to Order

Below a typical example of the Style Code for a standard VariPak filter using the Component Definition Code System.

Item	A	B	C	D	E	F	G	H	I
Component Definition	VP	6	72	K	9	S	2	P	0

Standard sizes in mm			Nominal Airflow	
H	W	D	m³/h	m³/s
96 mm pack				
610	610	292	2000	0,55
610	610	149	2000	0,55
72 mm pack				
610	610	292	2000	0,55
610	610	149	2000	0,55
48 mm pack				
610	610	78	1740	0,48
610	610	149	1740	0,48
35 mm pack				
610	610	78	1340	0,37
610	610	56	1340	0,37
25 mm pack				
610	610	78	1340	0,37
610	610	56	1340	0,37

VariPak® Filter

VariPak M6

Initial resistance (Pa) vs Face Velocity (m/s)

1, 2, 3, 4, 5

VariPak F7

Initial resistance (Pa) vs Face Velocity (m/s)

1, 2, 3, 4, 5

VariPak F8

Initial resistance (Pa) vs Face Velocity (m/s)

1, 2, 3, 4, 5
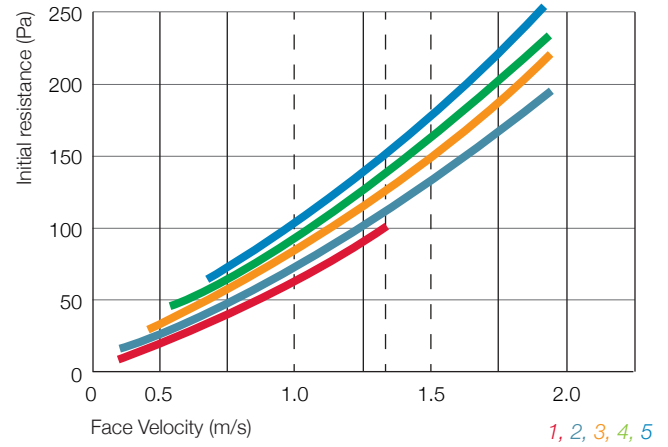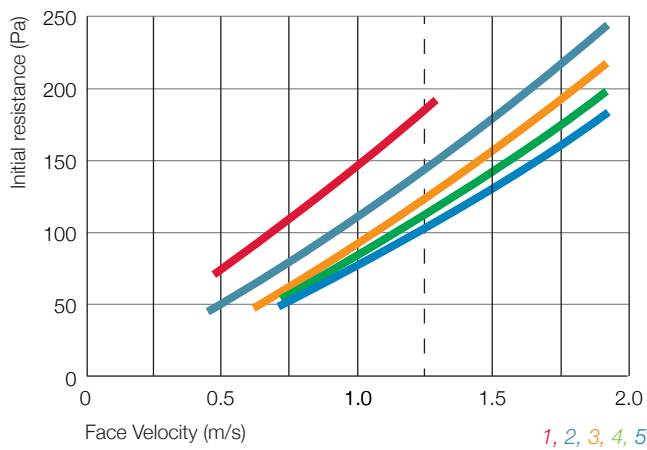
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