

VariPak®

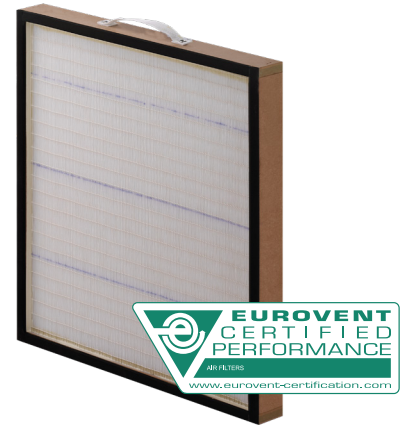
PRE-FILTER FOR HEPA FILTER

Features and Benefits

- ISO 16890: ePM1 and ePM10

Applications

- Pre-filters for HEPA filter based systems with usually standard frame dimension 610x610 mm
- The filter is also suitable for use in VAV or in systems typified by repeated fan shut down, turbulent airflow, side access or high relative humidity.



VariPak 592x592 mm

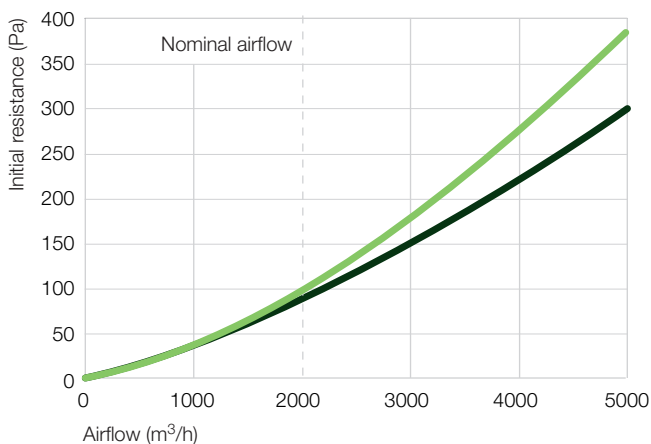
Configurations

Filter media	Glassfibre
Separator	Hot-melt
Gasket	Optional
Header	Aluminum or MDF
Max. operating temperature	70 °C
Recom. final pressure drop	Subject to optimization of lifecycle costs, max 450 Pa
Recom. airflow range	75% - 125% (of nominal airflow)
Moisture resistance	100% relative humidity

Standard dimensions

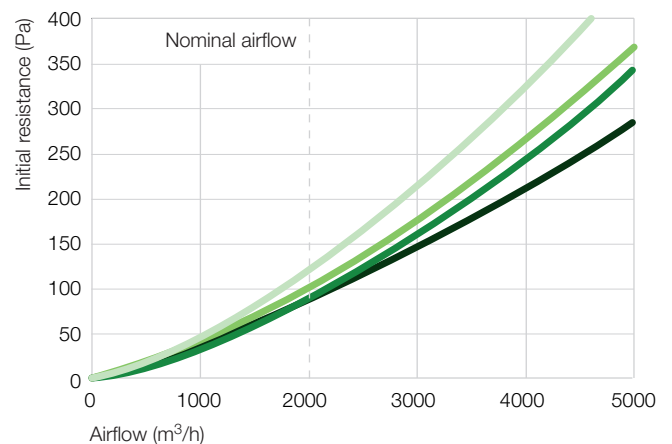
Dimension (mm)	610 x 610	592 x 592	490 x 592	287 x 592	592 x 490	592 x 287	490 x 490
Depth 610x610 (mm) in aluminum	292 + 149 + 93 + 69 + 47						
Depth 610x610 (mm) in wood	292 + 130 + 78 + 60						
Depth 592x592 (mm)	98 + 48						

Performance VariPak, 48 mm depth



VariCel EcoPak - ePM1 55% 592x592x48 / ePM10 70% 592x592x48

Performance VariPak, 98 mm depth



VariPak - ePM1 80% 592x592x98 / ePM1 65% 592x592x98 / ePM1 55% 592x592x98 / ePM10 592x592x98

VariPak® Filter

Technical data

Filter name	Dimensions (mm) W x H x D	Initial dp (Pa) @ 2000 m ³ /h	Prev. rated EN779:2012	Eurovent 4/21:2018		ISO 16890 Classification	Average values		
				kWh	Energy Rating		ePM1 (%)	ePM2,5 (%)	ePM10 (%)
VariPak ePM1 55%	592x592x98	90	F7	> 2000	E	ePM1 55%	59	66	88
	592x592x48	100	F7	> 2000	E	ePM1 55%	59	66	88
VariPak ePM1 65%	592x592x98	100	F8	> 2050	E	ePM1 65%	68	76	90
VariPak ePM1 80%	592x592x98	120	F9	> 2400	E	ePM1 80%	81	86	94
VariPak ePM10 70%	592x592x98	85	M6	> 1300	E	ePM10 70%	28	42	71
	592x592x48	90	M6	> 1300	E	ePM10 70%	28	42	71

Further dimensions are available on request. From January 1st 2018 filtration efficiency values are certified according to ISO 16890.



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