

BioPak® Wood

High Quality HEPA Filter for Use in Clean Zones

- **Classified H11 in accordance with EN1822**
- **Recessed pack ensures easy handling**
- **Non-shedding MDF cell sides**
- **One-piece gasket provides leaktight seal**
- **Fully Incinerable**

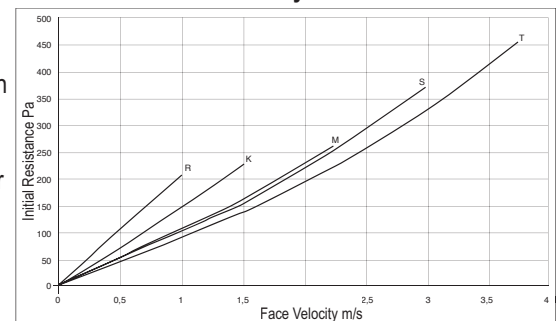


BioPak filters are classified H11 in accordance with EN1822. They are the ideal solution for upgrading an existing non-HEPA HVAC installation into a HEPA installation. Their recessed mini-pleat media pack make BioPak filters easy to handle and install while high quality MDF cell sides ensure a smooth non-shedding construction. The filter can be installed with the pleats in

the vertical or horizontal position. BioPak filters offer low media resistance which results in low energy consumption and long service life.

A one-piece gasket around the perimeter of the filter ensures leaktight installation. The filters are made of fully incinerable materials. Temperature limit: 70°C.

Resistance vs Face Velocity



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A BioPak can be ordered using the following Component Code Definition System.
Use the table to specify a product suitable to your application requirements.

Selection Table

Item	Component	Component Code Definition
A	Media	D = Waterproof Glass Fibre
B	Cell Sides	72 = MDF
C	Media Pack	R-K-M-S-T*
D	Bond	9 = Cold Cured Resin
E	Gasket	P = No gasket S = 7 mm, half round profile, one piece foamed
F	Gasket Location	T = 6 mm, flat profile 0 = No gasket 2 = One face
G	Acceptance Level	3 = Both faces F = H11 Min. 95% @ MPPS, acc. to EN1822

* R = 35 mm pack, K = 48 mm pack, M = 96 mm pack, S = 120 mm pack, T = 180 mm pack
Bold type face: standard execution

How to Order

Below a typical example of how to order a standard BioPak filter using the Component Code Definition System.

Item	A	B	C	D	E	F	G
Component Definition	D	72	K	9	S	2	F

Efficiency

Efficiency	Efficiency EN1822	
@ 0.3 µm	@MPPS	
98%	H11	95%

Notes:

- 1) BioPak filters can be installed with the separators in either the horizontal or vertical position.
- 2) Temperature limit: 70°C
- 3) Final resistance 600 Pa

Standard Sizes and Ratings

Size in mm ¹⁾			Nominal Airflow	
H	W	D	m ³ /h	m ³ /s
D72R9S2F			v=0.6 m/s	
490	490	56	500	0.14
610	610	56	875	0.24
D72K9S2F			v=0.75 m/s	
457	457	78	570	0.16
610	305	78	500	0.14
610	610	78	1000	0.28
D72K9S2F			v=0.75 m/s	
457	457	150	570	0.16
610	305	150	500	0.14
575	575	150	900	0.25
610	610	150	1000	0.28
610	762	150	1250	0.35
D72M9S2F			v=1.25 m/s	
305	305	292	400	0.11
610	305	292	830	0.23
457	457	292	935	0.26
610	610	292	1700	0.47
610	762	292	2125	0.59
D72S9S2F			v=1.50 m/s	
305	305	292	500	0.14
610	305	292	1000	0.28
457	457	292	1130	0.31
610	457	292	1500	0.42
610	610	292	2000	0.56
610	762	292	2500	0.69
D72S9S2F			v=2.25 m/s	
305	305	292	750	0.21
610	305	292	1500	0.42
457	457	292	1700	0.47
610	457	292	2250	0.63
610	610	292	3000	0.83
610	762	292	3750	1.04

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