

# RedPleat

## PLEATED PANEL FILTERS FOR COMMERCIAL & INDUSTRIAL APPLICATIONS

### Product Description

Pleated Panel filters with self-supporting characteristics that allow a pleating pattern, which promotes airflow and maximizes dust holding capacity (DHC). Lower pressure drop and higher DHC means reductions in energy consumption and operating costs.

**RedPleat Coarse 70% and RedPleat ePM10 70%** panel filters are ideal for protecting more expensive secondary air filters from premature dust loading and replacement. As primary filters, they also help reduce HVAC maintenance costs by preventing unnecessary dust build-up on coils, fans and duct work.

**RedPleat Ultra Coarse 70%** Antimicrobial treated media

**RedPleat Carb** effectively removes offensive odors. It is the ideal indoor air quality solution for facilities seeking relief from irritating odors.

**RedPleat HT** are designed for use in high temperature applications up to 260 °C.



RedPleat ePM10 70%



RedPleat Coarse 70%



RedPleat Carb



RedPleat HT

### Configurations

	RedPleat / RedPleat Ultra	RedPleat Carb	RedPleat HT
<b>Filter media</b>	Coarse 70%: Synthetic ePM10: Glass	Carbon & Synthetic	Glass
<b>Frame material</b>	Metal / cardboard / plastic	Metal / cardboard / plastic	Metal
<b>Max. Operating Temperature</b>	65 °C	40 °C	260 °C
<b>Recom. final pressure drop</b>	250 Pa	250 Pa	250 Pa
<b>Recom. airflow range</b>	75 - 125%	75 - 125%	75 - 125%
<b>Moisure resistance</b>	100%	70%	n.a
<b>Options</b>	- Gasket - Wire mesh at air leaving side	Gasket	Gasket

### Standard Dimensions

Dimension	592 x 592	287 x 592	495 x 592
<b>Depth</b>		Cardboard: 25, 45 and 95 mm Metal: 20, 48 and 98 mm Plastic: 48 and 96 mm	

# RedPleat Filter

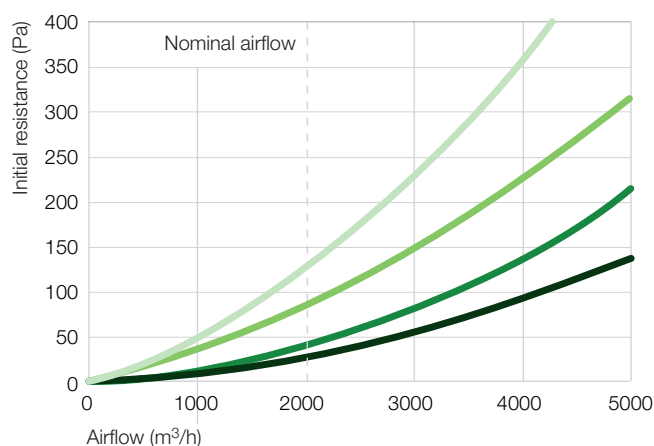
## Technical data

Filter name	Dimensions 592 x 592 x Depth (mm)	Filter area (m <sup>2</sup> )	Initial dp (Pa) @ 2000 m <sup>3</sup> /h	Prev. rated EN779:2012	ISO 16890 Classification
RedPleat & RedPleat Ultra	25	0,8	45	G4	Coarse 70%
RedPleat & RedPleat Ultra	45	1,6	25	G4	Coarse 70%
RedPleat & RedPleat Ultra	95	2,6	20	G4	Coarse 70%
RedPleat HT	48	1,6	85	G4	Coarse 90%
RedPleat HT	98	2,6	45	G4	Coarse 90%
RedPleat Carb	45	1,6	40	n.a.	Coarse 65%
RedPleat Carb	95	2,6	30	n.a.	Coarse 65%

Filter name	Dimensions (mm) 592 x 592 x Depth	Filter area (m <sup>2</sup> )	Initial dp (Pa) @ 2000 m <sup>3</sup> /h	Prev. rated EN779:2012	Acc. to Eurovent 4/21:2018		ISO 16890 Classification	Average values		
					kWh	Energy Rating		ePM1 (%)	ePM2,5 (%)	ePM10 (%)
RedPleat	45	1,6	130	M5	> 1300	E	ePM10 70%	20	35	73
RedPleat	95	2,6	80	M5	> 1300	E	ePM10 70%	20	35	73

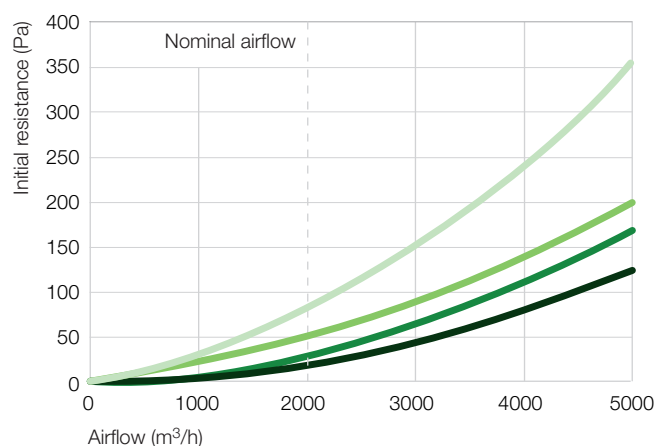
Further dimensions are available on request. From January 1st 2018 filtration efficiency values are certified according to ISO 16890.

### Performance RedPleat, 45 & 48 mm depth



RedPleat- RedPleat ePM10 70% 592x592x45 / RedPleat HT Coarse 90% 592x592x48  
/ RedPleat Carb Coarse 65% 592x592x45 / RedPlat Coarse 70% 592x592x45

### Performance RedPleat, 95 & 98 mm depth



RedPleat- RedPleat ePM10 70% 592x592x95 / RedPleat HT Coarse 90% 592x592x98  
/ RedPleat Carb Coarse 65% 592x592x95 / RedPleat Coarse 70% 592x592x95



Bringing clean air to life;

**AAF International**  
European Headquarters  
Odenwaldstrasse 4, 64646 Heppenheim  
Tel: +49 (0)6252 69977-0  
aafintl.com

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