RedPleat

PLEATED PANEL FILTERS FOR COMMERCIAL AND INDUSTRIAL APPLICATIONS

RedPleat Coarse and ePM10%.

Eurovent certification is not applicible to RedPleat Coarse filters

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 50% 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% have antimicrobial treated media.

Configurations

	RedPleat / RedPleat Ultra
Filter media	Coarse 70%: Synthetic ePM10: Synthetic
Frame material	Cardboard / Plastic / Metal
Max. operating temperature	65 ºC
Recom. final pressure drop	250 Pa
Recom. airflow range	75 - 125%
Moisure resistance	100%

Standard Dimensions

Dimension	592 x 592	287 x 592	490 x 592
Depth	Cardboard: 25, 45 and 95 mm Metal: 25, 48 and 98 mm Plastic: 48 and 96 mm		

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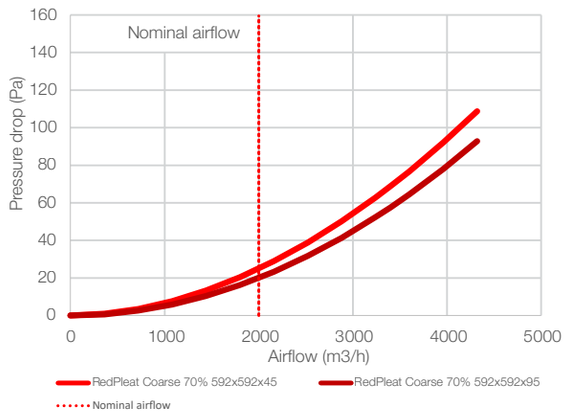
Technical data

Filter name	Dimensions 592 x 592 x Depth (mm)	Filter area (m^2)	Initial dp (Pa) @ 2000 m^3/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%

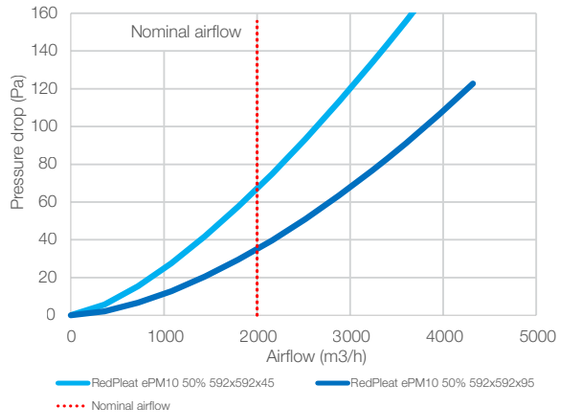
Filter name	Dimensions (mm) 592 x 592 x Depth	Filter area (m^2)	Initial dp (Pa) @ 2000 m^3/h	Prev. rated EN779:2012	Acc. to Eurovent 4/21:2018		ISO 16890 Classification	Average values		
					kWh	Energy Rating		ePM1 (%)	ePM2,5 (%)	ePM10 (%)
RedPleat	45	1,6	67	M5	> 1200	E	ePM10 50%	4	14	50
RedPleat	95	2,6	35	M5	> 1100	E	ePM10 50%	4	14	50

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

Performance RedPleat Coarse 70%



Performance RedPleat ePM10 50%



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