

Panel prefilters are meant to protect fine filters and keep the AHU elements clean by capturing larger particles such as coarse and ePM10 both in intake air or recirculation air. When selecting the right prefilter it is important to consider its lifetime as frequent prefilter change outs impact your costs and the climate.

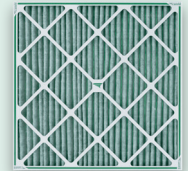
“They may look the same but they perform different”


















AeroPleat Eco



30/30



Dual10

PERFORMANCE	AeroPleat Eco	30/30	Dual10
Nominal airflow, m ³ /h	3400	3400	3400
Efficiency*	Coarse 65%	ePM10 50%	ePM10 55%
Initial pressure drop, Pa	70	70	70
Recommended exchange pressure drop according to EN 13053	120	170	170
Maximum dust holding capacity, g*	100	400	700
Annual energy consumption, kWh/a	n/a**	1328	1080
Energy class acc.to Eurovent 4/21-2019	n/a	E	D
Approximate lifetime***	1-3 months	Up to 6 months in ODA2 or ODA1 Up to 4 months in ODA3	Up to 12 months in ODA2 or ODA1 Up to 9 months in ODA3
CONSTRUCTION			
Media	Synthetic, one layer	Synthetic, one layer	Synthetic, proprietary dual layer
Filtration area, m ²	1,2	1,7	1,7
Frame materials available	Plastic, Galvanized steel & Moisture resistant cardboard	Plastic, Galvanized steel & Moisture resistant cardboard	Plastic, Galvanized steel & Moisture resistant cardboard
LIFE CYCLE COST			
Filters purchase	€ € € € €	€ € €	€
Inventory			
Shipment and maintenance travels			
Maintenance cost (or time)			
Waste			
Sustainability			

*According to ISO 16890

**Filters with coarse efficiency are not in scope of energy efficiency evaluation acc.to Eurovent 4/21-2019

***Applies for airflow not exceeding 3400 m³/h and excluding extreme dusty conditions