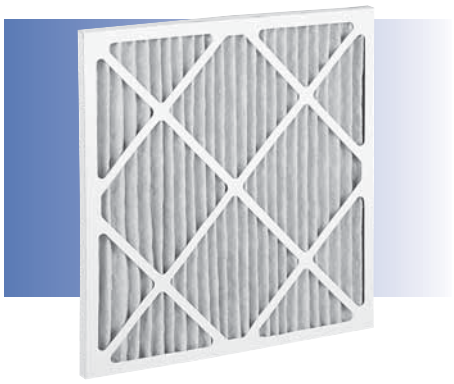

PFA/4 - PFA/5

GAMMA series, high arrestance throwaway panels

Product	PFA/4	PFA/5
UNI EN 779 class	G 4	F 5
EUROVENT class	EU 4	EU 5
Am ASHRAE 52.1.1992	92 %	---
Em ASHRAE 52.1.1992	---	45 %
Suggested final pressure drop	200 Pa	200 Pa
Maximum pressure drop	250 Pa	250 Pa
Maximum operating temperature	70 °C	70 °C
Pleated Filter media	syntetic / cotton	syntetic / cotton

PFA/4 – PFA/5 panels have a high filtration efficiency, limited pressure drop and high dust holding capacity.
They are fitted with a humidity-proof, punched carton frame; the filter medium is a blend of synthetic and cotton fibers, pleated and held into position by stretched aluminium grids. The medium is fixed to the frame through a very strong anti-aging external glue.
PFA/4 – PFA/5 panels come with two different frame thickness: 48 and 98 mm, which have pressure drop levels between 80 and 120 Pa, according to the models.
The pleated panels offer a filtration surface which is double or three times the flat panels of the same size. Thanks to their high filtration efficiency, strong construction, high dust holding capacity and high manufacturing quality these filters are widely used in conditioning and ventilation systems. They offer a long operating life with very low fan energy consumption levels.
PFA/4 – PFA/5 panels are disposable filters and must be eliminated at the end of their operative life.

Applications PFA/4 – PFA/5 panels can be use in a variety of different sectors:
- air treatment plants and independent roof-top conditioners, used as pre-filters upstream of high efficiency filters
- autonomous close control conditioners
- civil and commercial ventilation systems
- painting booth exhaust systems

Installation PFA/4 – PFA/5 filters are generally installed perpendicular to the air flow, with the pleats in vertical position. They are installed in U-shaped guides which makes them easy to remove at the end of their operating life. The filters can be burned which makes them easy to eliminate.

Type	Sizes (mm) A		B		C	Nominal air flow rate Q. m³/h	m³/sx10⁻³*	Filter. surface m²	Initial pressure drop Pa
PFA/4	287	x	592	x	48	1400	389	0,6	80
PFA/4	400	x	500	x	48	1650	458	0,6	80
PFA/4	400	x	625	x	48	2100	583	0,7	80
PFA/4	500	x	500	x	48	2100	583	0,7	80
PFA/4	500	x	625	x	48	2600	722	0,9	80
PFA/4	592	x	592	x	48	3000	833	1,1	80
PFA/4	287	x	592	x	98	2000	556	1	120
PFA/4	400	x	500	x	98	2300	639	1,1	120
PFA/4	400	x	625	x	98	2900	806	1,3	120
PFA/4	500	x	500	x	98	2900	806	1,3	120
PFA/4	500	x	625	x	98	3700	1028	1,7	120
PFA/4	592	x	592	x	98	4200	1167	1,9	120
PFA/5	287	x	592	x	48	1400	389	0,6	100
PFA/5	400	x	500	x	48	1650	458	0,6	100
PFA/5	400	x	625	x	48	2100	583	0,7	100
PFA/5	500	x	500	x	48	2100	583	0,7	100
PFA/5	500	x	625	x	48	2600	722	0,9	100
PFA/5	592	x	592	x	48	3000	833	1,1	100

**1 m³/s x 10⁻³ = 1 l/s*

Typical curves