

Invented, designed and manufactured
in Mirebeau (86) in France



CARTRIDGE DUST COLLECTOR

FDAPC

stivent.com

STIVENT INDUSTRIE® has developed dust extractors.

PERFORMANCE - ECONOMICAL - SIMPLIFIED MAINTENANCE - LONGEVITY

Specially conceived to treat both heavy particles and fine dust, cartridge dust collectors stand out for their compact size and automatic, pneumatically-controlled unclogging.

OPERATIONS

- > Heavy dusts
- > Sandblasting,
- > Sanding
- > Grinding
- > Polishing

POLLUTANTS

- > Wood
- > Cement
- > Resins
- > Dusts
- > Metal
- > Various chips including those with Atex risks



OUR COMMITMENTS

- > **Efficient**, flow capacity from 6,000 to 16,380 m³/h.
- > **Effective**, guaranteeing discharge rates of less than 0.2mg/m³ of air.
- > **Economical**, optimising filter longevity and maintenance costs through unclogging and a settling corridor.
- > **Adaptable**, can be completed by a cyclone air pre-separator upstream.
- > **Multipurpose**, with a wide range of applications including food, plastics, metal, carbon, wood, composites, etc.



SECTORS OF ACTIVITY



Health & Pharma



Aeronautics & Space



Automotive & Transportation



Agri-food industry



Chemistry & Materials



Textile, fashion & luxury



Metallurgy

	FDAPC 04		FDAPC 06		FDAPC 08		FDAPC 12		FDAPC 16	
Filter cartridge Ø 325 / Height in mm	1000	1400	1000	1400	1000	1400	1000	1400	1000	1400
Number of cartridge plies	135	175	135	175	135	175	135	175	135	175
Filter area in m² / per cartridge	13	22,75	13	22,75	13	22,75	13	22,75	13	22,75
Number of filter cartridges	4		6		8		12		16	
Total filter area in m²	52	91	78	136,5	104	182	156	273	208	364
Maximum flow rate in m³/h	3120	5460	4680	8190	6240	10920	9360	16380	12480	21840
Filter weight in kg	-	-	-	-	-	-	-	-	-	-
Filter height in mm	3950	4500	3950	4500	3950	4500	3950	4500	3950	4500
Filter width in mm	-		1320		1230		2460		2460	
Filter length in mm	-		1890		3030		2460		2460	
Height under hopper in mm	-		-		-		1070		-	
Number of ATEX vents	-		-		-		2		-	

1 year guarantee on parts and manpower, wear parts excluded

AIR ROUTING AND TREATMENT

Direction of air movement

Pollutants entry

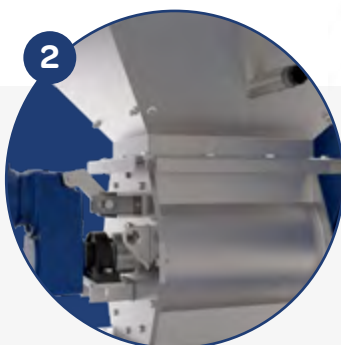
Treatment of fine particles by filter media



FDAPC MANUFACTURED IN STANDARD SIZES OR MADE TO MEASURE:



Option
**Pneumatic flap
of overpressure**



Option
Lock



Option
Bucket 0,12m³



1

2

2



Options on request

- > Locks
- > Tipper support (chair)
- > Tamping and level sensor
- > Bucket (0.12m³)

Other adaptations can be studied,
especially for dust.

STANDARDS



They are self-certified ATEX, for
the use of hazardous materials.
A unitary LCIE certification is
possible on request.

YOU ARE LOOKING FOR SIMILAR PRODUCTS?

Are you looking for a solution to equip an indoor machine cluster that generates metallic dust? A solution that complies with ATEX standards...

Cyclofiltration



STIVENT INDUSTRIE®, EXPERTS FOR VENTILATION SOLUTIONS. Since 1962, STIVENT INDUSTRIE® is specialized in planning, manufacturing and installation of equipment for air treatment and industrial dust removal. Whether you want to improve working conditions of the operators, ensure the safety of materials and workers or protect the environment, STIVENT INDUSTRIE® proposes complete solutions and solutions made to measure.

**DO YOU HAVE A PARTICULAR NEED?
CONTACT US**



All our products
are available at

stivent.com





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Together,
we can give back **clean air** to the planet

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