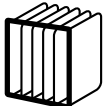


Airpocket Pro

ATEX

Product Range



Features



EX

Applications



Filter Class

ePM2.5



KEY FACTS

- Filter series compliant with the European directive ATEX 2014/34/EU
- Particle filtration and gas adsorption in one filter element
- Removes odors and harmful gases

DESIGN

Multi-layered media, tailored-sewn into pockets with sealed, conical spacer seams for an optimal V-shape. A galvanized steel frame provides rigidity.

APPLICATIONS

For special air conditioning and ventilation systems in food, chemical and pharmaceutical industries, where demanding requirements for explosive atmospheres need to be met.



The filters used in the application areas are electrically conductive and comply with the European ATEX directive 2014/34/EU for products used in explosive atmospheres.

Airpocket Pro

ATEX

PERFORMANCE DATA

Article No.	Filter Class	Dimensions	Pockets	Flow Rate	Pressure Drop*	Energy Consumption	Energy Class
	ISO 16890	mm		m ³ /h	Pa	kWh/year	2019
800391047759	ePM2.5 65%	592 x 592 x 635	8	3400	120	1801	D
800391053878	ePM2.5 65%	490 x 592 x 635	6	2800	120		D
800391053879	ePM2.5 65%	287 x 592 x 635	4	1700	120		D
800391053880	ePM2.5 65%	287 x 287 x 635	4	850	120		D
800391054279	ePM1 80%	592 x 592 x 635	8	3400	215	2652	E
800391057109	ePM1 80%	490 x 592 x 635	6	2800	215		E
800391057110	ePM1 80%	287 x 592 x 635	4	1700	215		E
800391057112	ePM1 80%	287 x 287 x 635	4	850	215		E

* Pressure drop tolerance ±10%

SPECIFICATION

Recommended air flow	Flow rate ± 15 %	Recommended final pressure drop	250 Pa (max. 450 Pa)
Heat resistance	< 30 °C (Peak 50 °C)	Moisture resistance	< 60 % (max. < 90 %)
Regenerable	No	Incinerable	No

OPTIONS

Header depth	25 or 20 mm
Gasket	EPDM flat gasket

ZONE AUTHORIZATION

Filters are authorized, depending on their filtration classes, for use in the following zones with the listed flammable substances.

Substance	Zone	Explosion Group
Dust	Zone 0, Zone 1, Zone 2	IIIA – Flammable lints and flocculation IIIB – Isolating, non-conductive dust
Gases	Zone 20, Zone 21, Zone 22	IIA – Diesel, petrol, ethane, etc IIB – Town gas, ethylene, etc