

# Airpocket Pro ATEX

## Product Range



## Features



EX

## Applications



## Filter Class

ePM1

ePM10

Coarse



## 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.

## OPTIONS

<b>Header depth</b>	25 or 20 mm
<b>Gasket</b>	EPDM flat gasket

## SPECIFICATION

<b>Recommended air flow</b>	Flow rate ± 15 %	<b>Rec. final pressure for efficient energy use acc. to EN 13053</b>	Lowest value of initial pressure drop + 100 Pa, or initial pressure drop x 3
<b>Heat resistance</b>	< 30 °C (Peak 50 °C)	<b>Moisture resistance</b>	< 60 % (max. < 90 %)
<b>Regenerable</b>	No	<b>Incinerable</b>	No

# Airpocket Pro

## ATEX

### PERFORMANCE DATA

Filter Class	Dimensions	Pockets	Flow Rate	Pressure Drop*
	mm		m <sup>3</sup> /h	Pa
<b>Coarse 80%</b>	592 x 592 x 600	6	3400	70
Coarse 80%	490 x 592 x 600	5	2800	70
Coarse 80%	287 x 592 x 600	3	1700	70
Coarse 80%	287 x 287 x 600	3	850	70
<b>ePM10 75%</b>	592 x 592 x 635	8	3400	90
ePM10 75%	490 x 592 x 635	6	2800	90
ePM10 75%	287 x 592 x 635	4	1700	90
ePM10 75%	287 x 287 x 635	4	850	90
<b>ePM1 60%</b>	592 x 592 x 635	8	3400	140
ePM1 60%	490 x 592 x 635	6	2800	140
ePM1 60%	287 x 592 x 635	4	1700	140
ePM1 60%	287 x 287 x 635	4	850	140
<b>ePM1 80%</b>	592 x 592 x 635	8	3400	215
ePM1 80%	490 x 592 x 635	6	2800	215
ePM1 80%	287 x 592 x 635	4	1700	215
ePM1 80%	287 x 287 x 635	4	850	215

\* Pressure drop tolerance ± 10%

### 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
<b>Dust</b>	Zone 20, Zone 21, Zone 22	IIIA – Flammable lints and flocculation IIIB – Isolating, non-conductive dust
<b>Gases</b>	Zone 0, Zone 1, Zone 2	IIA – Diesel, petrol, ethane, etc IIB – Town gas, ethylene, etc