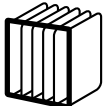


Airpocket Pro

ATEX

Product Range



Features



EX

Applications



Filter Class

ePM1

ePM2.5

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

| | |
|---------------------|------------------|
| Header depth | 25 or 20 mm |
| Gasket | EPDM flat gasket |

SPECIFICATION

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

Airpocket Pro

ATEX

PERFORMANCE DATA

| Article No. | Filter Class | Dimensions | Pockets | Flow Rate | Pressure Drop* |
|--------------|-------------------|-----------------|---------|-------------------|----------------|
| | ISO 16890 | mm | | m ³ /h | Pa |
| 800391055122 | Coarse 80% | 592 x 592 x 600 | 6 | 3400 | 70 |
| 800391055123 | Coarse 80% | 490 x 592 x 600 | 5 | 2800 | 70 |
| 800391054598 | Coarse 80% | 287 x 592 x 600 | 3 | 1700 | 70 |
| 800391060759 | Coarse 80% | 287 x 287 x 600 | 3 | 850 | 70 |
| 800391059499 | ePM10 75% | 592 x 592 x 635 | 8 | 3400 | 90 |
| 800391062699 | ePM10 75% | 490 x 592 x 635 | 6 | 2800 | 90 |
| 800391062700 | ePM10 75% | 287 x 592 x 635 | 4 | 1700 | 90 |
| 800391062701 | ePM10 75% | 287 x 287 x 635 | 4 | 850 | 90 |
| 800391047759 | ePM2.5 65% | 592 x 592 x 635 | 8 | 3400 | 120 |
| 800391053878 | ePM2.5 65% | 490 x 592 x 635 | 6 | 2800 | 120 |
| 800391053879 | ePM2.5 65% | 287 x 592 x 635 | 4 | 1700 | 120 |
| 800391053880 | ePM2.5 65% | 287 x 287 x 635 | 4 | 850 | 120 |
| 800391054279 | ePM1 80% | 592 x 592 x 635 | 8 | 3400 | 215 |
| 800391057109 | ePM1 80% | 490 x 592 x 635 | 6 | 2800 | 215 |
| 800391057110 | ePM1 80% | 287 x 592 x 635 | 4 | 1700 | 215 |
| 800391057112 | 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 |
|--------------|---------------------------|--|
| Dust | Zone 20, Zone 21, Zone 22 | IIIA - Flammable lints and flocculation IIIB - Isolating, non-conductive dust |
| Gases | Zone 0, Zone 1, Zone 2 | IIA - Diesel, petrol, ethane, etc IIB - Town gas, ethylene, etc |