

# Aircurve Pro ATEX

---

## Product Range



---

## Features

EX

---

## Applications



---

## Filter Class

Coarse



## KEY FACTS

- Filter series compliant with the European directive ATEX 2014/34/EU
- Synthetic filter media
- No fiber shedding
- Stable, lightweight design
- High dust holding capacity
- Top cost-benefit ratio
- M1-classed media according to NFP92-507

## DESIGN

Open-pleated synthetic filter media installed in a lightweight metal case. Supported by galvanized steel mesh on both sides to provide extra pleat stability.

## APPLICATIONS

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

# Aircurve Pro

## ATEX

### PERFORMANCE DATA

Filter Class	Dimensions	Flow Rate	Pressure Drop
<b>ISO 16890</b>	<b>mm</b>	<b>m<sup>3</sup>/h</b>	<b>Pa</b>
Coarse 60%	287 x 592 x 48	1700	105
Coarse 60%	490 x 592 x 48	2900	105
Coarse 60%	592 x 592 x 48	3400	105

### SPECIFICATION

<b>Recommended air flow</b>	< 3400 m <sup>3</sup> /h	<b>Rec. final pressure for efficient energy use acc. to EN 13053</b>	Lowest value of initial pressure drop + 50 Pa, or initial pressure drop x 3
<b>Heat resistance</b>	Max. 70 °C	<b>Moisture resistance</b>	80 % rel. humidity
<b>Regenerable</b>	No	<b>Flammability</b>	M1 according to NF P92-507

### OPTIONS

<b>Frame</b>	Galvanized steel
--------------	------------------

### 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