

# REDClean® NS-E



## Conductive polyester cartridge with nanofibre

**REDClean® NS-E** is a high-performance cartridge that consists of synthetic fibre with a nanofibre outer layer. This enables it to collect the smallest particles, preventing them from penetrating the media. In this way, the durability of the media is increased and this cartridge lifecycle extended, so that the frequency of replacement is significantly reduced.

The combination of polyester with **REDClean®** nanofibre ensures a superior performance when handling **fibrous or hygroscopic dust**. Additionally, this cartridge has been designed as **earthed**, making it appropriate for handling potentially explosive dust, complying with the *ATEX* directive.

Through extensive research and development, AAF has developed the **REDClean®** range of cartridges, suitable for the most arduous applications, which offers superior performance and increased efficiency, reducing the total cost of ownership.

**REDClean® NS-E** is the most suitable media for AAF International's **AIVY™** product range.

- ▶ Nanofibre-based technology, leading the filtration market
- ▶ F9 efficiency (EN779)
- ▶ Excellent particle retention and dust release
- ▶ Suitable for potentially explosive atmospheres
- ▶ Appropriate for fibrous or hygroscopic dust
- ▶ Less compressed air consumption
- ▶ Maximum service life
- ▶ Reduced maintenance costs



### Overview

Part Number	CC4031GAAJB0000	
Rated Airflow	up to 1000 m³/h	up to 600 CFM
Filter Area	17 m²	183 sqft
Maximum Operating Temp	80 °C	176 °F

### Warnings

Avoid gases over 80 °C

Suitable for high humidity applications

Suitable for highly hygroscopic products

### Industrial Applications

Excellent performance for fibrous materials, as well as dust with certain level of oil or grease:

- | Food & Beverage industry
- | Waste & Recycling industry
- | Chemical applications

Filter Media Details

Media Composition

Synthetic fiber with an outer pre-layer made of REDClean® nanofibre

Area/Weight

115 g/m<sup>2</sup>

Nanofibre

Yes

Efficiency Classification

MERV 15  
F9 / EN779:2012

Chemical Resistance

Acids	Fair
Alkali	Fair

Earthed

Yes

Construction

Open

End Caps

Galvanised steel

In/Outside Liner

Galvanised steel

Gasket

EPDM rubber

Shape

Round

Dimensions

Outer diameter

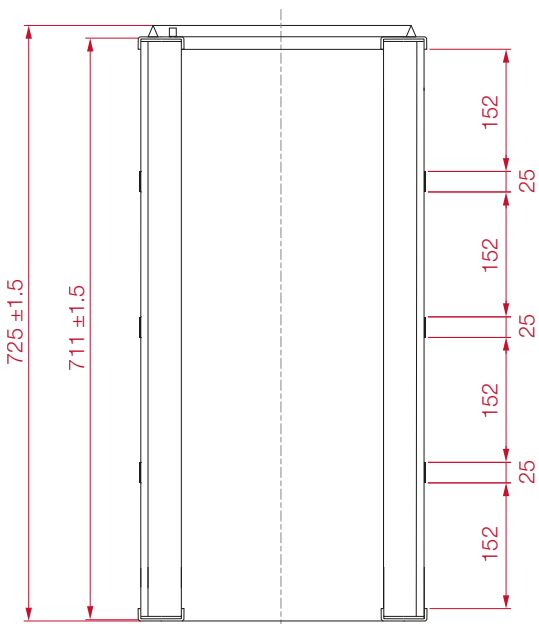
351 mm

Inner diameter

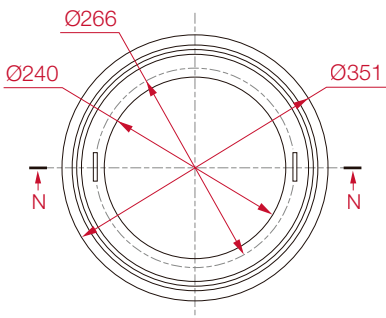
240 mm

Length

711 mm



Section N-N



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REDClean® Media

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