

OptiFlo® RC SPK



POWERED BY
REDClean® Technology



BETTER AIR IS OUR BUSINESS®



ENVIRONMENTAL
SOLUTIONS



The OptiFlo® RC SPK Advantage

The OptiFlo® RC cartridge collector, now with an integral spark trap to extinguish sparks, is the optimal solution for the removal of contaminants and fumes from metalworking applications.

The OptiFlo® RC SPK can deliver superb air cleaning and extended filter life using REDClean® Media Technology. AAF REDClean® Media has been developed specifically to withstand the rigours of pulse cleaning with superior dust release, and outperforms all standard media.

The OptiFlo® and REDClean® combination is designed to maximise filtration efficiency, extend filtration life, reduce operational pressure drop and lower compressed air consumption. This results in a substantial reduction to the operator's overall life cycle cost, maximising return on investment and reducing the cost of plant ownership.



Typical Applications

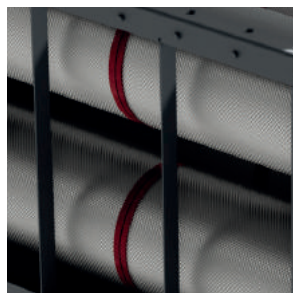
The OptiFlo® RC SPK is the optimum solution to a variety of air quality problems and can be used as an integral part of metalworking, metallurgical and automotive processes:

- | Laser cutting
- | Plasma cutting
- | Shotblasting
- | Metalising
- | Welding

Features and Benefits

- | Compact modular design for small footprint requirements
- | Integral spark trap extinguishes sparks and directs contaminants into the hopper
- | Slimline inlet reduces turbulence, which minimises cartridge and media abrasion
- | Adjustable quick access latch and hinged door greatly reduces cartridge change-out time
- | Designed to meet ATEX regulations for combustible dust hazards
- | Improved pulsing reduces compressed air usage and increases filter efficiency
- | Utilisation of industry leading REDClean® cartridge nanofiber media

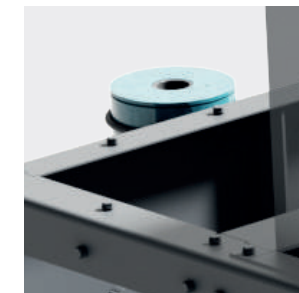
Cartridges



Hopper



Compressed Air Cleaning



Integral Spark Trap



Self-aligning Quick Release Doors



Filtration

REDClean® cartridges are designed to extend filtration life whilst reducing operational pressure drop, change frequency and operational costs. Through extensive research and development AAF has developed the REDClean® range of cartridges suitable for the most arduous applications. This is supplemented by our nanofiber technology to deliver class-leading performance when measured against other commercially available medias.

Standard Media

- | REDClean® NFR - High performance proprietary media with nanofiber layer and flame retardant finish

Media Options

- | REDClean® SA - Proprietary high-strength media with antistatic characteristics
- | REDClean® S - Proprietary synthetic media with excellent resistance to humidity



Models Available

2RC4 SPK

Media Area	80 m²
Flow Range	1000-4000 m³/h
Number of Filters	4
Filter Efficiency	99.99 %

2RC8 SPK

Media Area	160 m²
Flow Range	6000-8000 m³/h
Number of Filters	8
Filter Efficiency	99.99 %

4RC16 SPK

Media Area	320 m²
Flow Range	12000-16000 m³/h
Number of Filters	16
Filter Efficiency	99.99 %

3RC6 SPK

Media Area	120 m²
Flow Range	4000-6000 m³/h
Number of Filters	6
Filter Efficiency	99.99 %

3RC12 SPK

Media Area	240 m²
Flow Range	8000-12000 m³/h
Number of Filters	12
Filter Efficiency	99.99 %



OEM Solutions

The OptiFlo® RC SPK is designed with original equipment manufacturers in mind. Our compact design and easy to integrate controls allows for easy installation and set-up. We also offer customisable branding options and volume guarantees. Our goal is to help you increase your sales and to stand out from your competition.

- | Dedicated sales and engineering support
- | Global manufacturing and sales offices
- | Industry leading filtration technology
- | Customisation to fit the OEM needs
- | Private labelling



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