

The REDClean™ Cartridge

Advanced Filtration Technology

AAF's extensive development program has perfected our filter construction by combining advanced substrates with our range of special medias and coatings to create an unbeatable blend.

The REDClean™ Lineup

N - Industry-leading nano fiber technology, MERV 15, highest efficiency with the lowest differential pressure

NFR - Industry-leading nano fiber technology, MERV 15, highest efficiency with the lowest differential pressure, and a flame retardant finish

D - Industry standard media blend synthetic/cellulose, MERV 11, medium efficiency applications

DFR - Industry standard media blend synthetic/cellulose, MERV 11, medium efficiency applications, and a flame retardant finish

S - High-strength spunbond polyester media, MERV 11, exceptional resistance to abrasion, temperature and humidity

SA - Same high-strength 100% spunbond polyester media as the S, with an antistatic aluminized finish, MERV 11

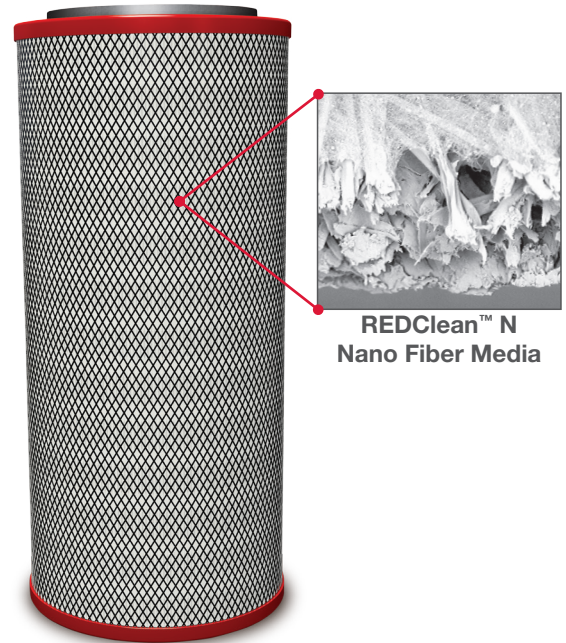
C - Proprietary blend of high-strength natural and synthetic reinforced base media, carbon impregnated for an antistatic finish, MERV 11

M - Washable synthetic glass blend, MERV 11, excellent resistance to humidity, higher temperatures

AAF Optimized Pleat Design

The AAF optimized pleated cartridge designs use 100% of the media when operating, creating an efficient filter that runs at the expected air-to-cloth ratio with the expected results.

In Figure 1, the image on the right highlights what occurs when a cartridges overcrowded with media. Only 50-60% of the media is used, which means the air-to-cloth ratio is increased by the same percentage. Higher air-to-cloth ratios lead to inefficiencies through more pulsing, shorter filter life and higher energy consumption.



**REDClean™ N
Nano Fiber Media**

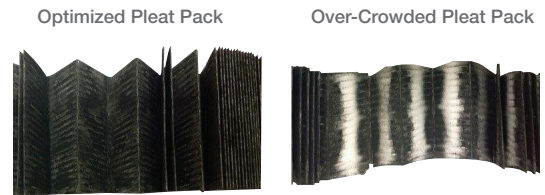


Figure 1

- AAF optimized pleat pack uses 100% of the media
- Enhanced filter construction is perfect for pulse cleaned applications

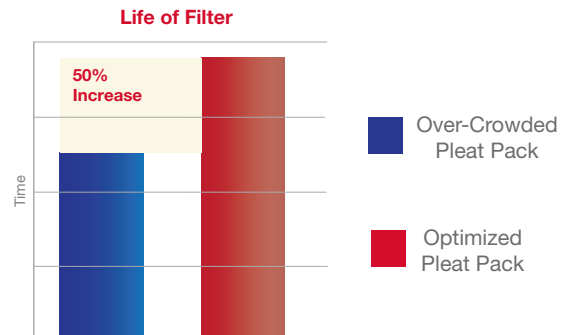


Figure 2



BETTER AIR IS OUR BUSINESS®



ENVIRONMENTAL
SOLUTIONS

Sales Offices:

Europe, Middle East & Africa

UK

Bassington Lane, Cramlington
Northumberland, NE23 8AF, UK
Tel: +44 1670 713 477
Email: aafep@aafintl.com

Spain

C/ Urartea, 11
Polígono Ali-Gobeo
01010 Vitoria, Spain
Tel: +34 945 214851
Email: aafep@aafintl.com

France

Rue William Dian
27620 Gasny, France
Tel: +33 2 32 53 60 60
Email: aafep@aafintl.com

Italy

Via Lario, 1
22070 – Fenegrò (CO), Italy
Tel: +39 031 35 25 311
Email: aafep@aafintl.com

Austria

Campus 21
Europaring F12 401
2345 Brunn am Gebirge, Austria
Tel: +43 (0) 2236 677 628 0
Email: aafep@aafintl.com

The Netherlands

Sales Benelux
P.O. Box 101
7800 AC Emmen
The Netherlands
Tel: +31 (0) 591 66 4466
Email: aafep@aafintl.com

Germany

Robert-Bosch-Str. 30-32
64625 Bensheim
Germany
Tel: +49 (0) 6251 80368 0
Email: aafep@aafintl.com

Greece

1, Ifaistou & Kikladon
15354 - Glika Nera, Greece
Tel: +30 2106632015
Email: aafep@aafintl.com

Turkey

Hürriyet Mahallesi
Yakac1k D-100 Kuzey Yan Yol No: 49/1-2
34876 Kartal, Istanbul, Turkey
Tel: +90 216 4495164/65
Email: aafep@aafintl.com

UAE

FZS1 BC01-BC04
Jebel Ali South, P.O. Box 263120
Dubai, UAE
Tel: 009714 8894886
Email: aafep@aafintl.com

Saudi Arabia

P.O. Box 59336 Riyadh 11525,
Kingdom of Saudi Arabia
Tel: +966 1 265 0883
Email: aafep@aafintl.com

Americas

USA

9920 Corporate Campus Drive
Suite 2200
Louisville, KY 40223-5000, USA
Tel: 1 502 637 0011
Toll Free: 1 800 477 1214
Email: aafep@aafintl.com

México

Av. Primero de Mayo No. 85,
Col. San Andrés Atenco,
C.P. 54040 Tlalnepantla
EDO De Mexico, México
Tel: +52 55 5565 5200
Email: aafep@aafintl.com

Brasil

Rua Dr. Bacelar, 173-12º andar-cj.121
Vila Clementino-CEP 04026-000
São Paulo-SP
Tel: +55 11 5567 3000
Email: aafep@aafintl.com

Asia Pacific

China (Suzhou)

Ruisu Science and Technology Park
2 Kecheng Road
SIP
Suzhou
Jiangsu Province
China 215100
Tel: +86 512 62385973
Email: aafep@aafintl.com

China (Tianjin)

Jinta Building, Unit 1
162 Zhangzizhong Road
Heping District
Tianjin
China 300041
Tel: +86 22 58630245
Email: aafep@aafintl.com

China (Wuhan)

33 Che Cheng Road
Wuhan Economic & Technological
Development Zone
Wuhan, Hubei Province PR,
China 430056
Tel: +86 27 8447 3671 +86 27 8447 3672
Email: aafep@aafintl.com

Malaysia

Lot 6, Jalan Pengapit, 15/19,
Seksyen 15
40000 Shah Alam Selangor Darul Ehsan
Malaysia
Tel: +60 3 5039 7777
Email: aafep@aafintl.com

Australia

2 Arctic Court
Keysborough Victoria 3173
Australia
Tel: +61 3 9701 5251
Email: aafep@aafintl.com

www.aafintl.com

The information in this document is the property of American Air Filter Company, Inc. and its affiliated companies (collectively, "AAFCL") and may not be copied or distributed to any third party, or used for any purpose other than that for which it is supplied, without the express written consent of AAFCL.

While the information herein is provided in good faith based on information available when the document was created, it should not be relied upon as being complete or accurate, and the products advertised within this document, and their components and accessories, are subject to change without notice. AAFCL provides this information on an AS IS basis and makes no warranties, expressed or implied, or representations regarding same. This document does not establish, and should not be taken as establishing, and contractual or other commitment binding upon AAFCL or any of its subsidiaries or associated companies.

ISO Certified Firm ©2016 AAF International
APC-1-901C



BETTER AIR IS OUR BUSINESS®



ENVIRONMENTAL
SOLUTIONS