

AF SERIES - CARBON/KDF®

Used in combination with Activated Carbon, KDF can significantly extend the life of filter cartridges. KDF is an oxidation-reduction (redox) media that removes chlorine, hydrogen sulfide and many other contaminants. KDF is available in several varieties for specific applications.

KDF-55 removes chlorine and reduces heavy metals. KDF-85 removes hydrogen sulfide and reduces iron. Both KDF redox medias are bacteriostatic and control the growth of microorganisms in filters. KDF allows Activated Carbon to do a better job at removing taste and odor.

SERIES OVERVIEW

AF Series cartridges are double-open end cartridges that fit standard residential and industrial housings. Cartridges are available in 2-1/2" and 4-1/2" diameters and 5", 10" and 20" lengths. Using premium Resintech media and offering oversized cartridge cavities, AF Series cartridges provide the best in water purification and filtration.

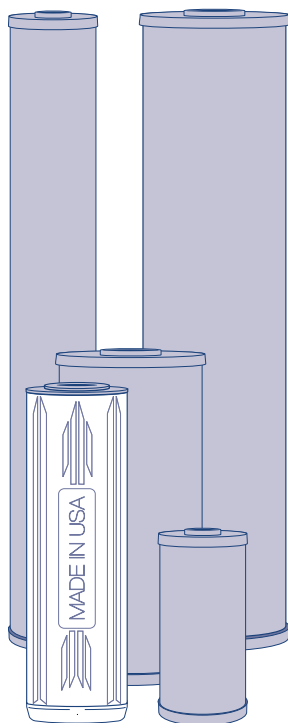
FEATURES & BENEFITS

- Stabilized KDF-55® or 85 redox media
- Acid Washed Coconut Shell carbon
- Bacteriostatic media controls the growth of microorganisms
- Extended filter life
- Improved efficiency
- Lot Traceability
- Body Materials FDA Approved
- Made in the USA



- Stabilized KDF-55/ KDF 85
- Maximum Capacity
- Superior Performance

TECHNICAL DATA



| | 10" Slim | 20" Slim | 10" Super Blue | 20" Super Blue |
|-----------------------------------|----------|----------|----------------|----------------|
| Diameter (in.) | 2.5 | 2.5 | 4.5 | 4.5 |
| Length (in.) | 10 | 20 | 10 | 20 |
| Materials* | | | | |
| Cap | PP | ABS | ABS | ABS |
| Body / Tube | PP | ABS | ABS | ABS |
| Pad | PE | PE | PE | PE |
| Gasket | EPDM | EPDM | EPDM | EPDM |
| Temperature (°F) (min. / max.) | 40 / 100 | 40 / 100 | 40 / 90 | 40 / 90 |
| Pressure (psi) (min. / max.) | 20 / 125 | 20 / 125 | 20 / 125 | 20 / 125 |
| Micron Rating (μ) | 25 | 25 | 25 | 25 |

- * PP - Polypropylene
 ABS - Acrylonitrile Butadiene Styrene
 PE - Polyester
 EPDM - Ethylene Propylene Diene Monomer
 KDF is a registered trademark of KDF Fluid Treatment Inc.

AF SERIES • CARBON / KDF®

PERFORMANCE DATA

| Coconut Shell Acid Washed GAC / KDF® 55 Stabilized | | | | FLOW RATE (GPM) | | MESH SIZE |
|--|--------------|---------------------------|----------|-----------------|---------|-----------|
| PART NUMBER | SIZE | DESCRIPTION | CAPACITY | OPERATING | MAXIMUM | |
| AF-10-2010 | 2-1/2" x 10" | 0.5 lb KDF55 / CS. AW GAC | 8,000 | 1 | 1.5 | 20 x 50 |
| AF-10-2011 | 2-1/2" x 10" | 1.5 lb KDF55 / CS. AW GAC | 15,000 | 1 | 1.5 | 20 x 50 |
| AF-10-2012 | 2-1/2" x 10" | 2.0 lb KDF55 / CS. AW GAC | 18,000 | 1 | 1.5 | 20 x 50 |
| AF-20-2012 | 2-1/2" x 20" | 2.0 lb KDF55 / CS. AW GAC | 22,000 | 1 | 2 | 20 x 50 |
| AF-10-2012-BB | 4-1/2" x 10" | 2.0 lb KDF55 / CS. AW GAC | 35,000 | 2 | 4 | 12 x 40 |
| AF-10-2013-BB | 4-1/2" x 10" | 3.0 lb KDF55 / CS. AW GAC | 45,000 | 2 | 4 | 12 x 40 |
| AF-20-2014-BB | 4-1/2" x 20" | 4.0 lb KDF55 / CS. AW GAC | 85,000 | 3 | 5 | 12 x 40 |
| AF-20-2015-BB | 4-1/2" x 20" | 5.0 lb KDF55 / CS. AW GAC | 95,000 | 3 | 5 | 12 x 40 |

| Coconut Shell Acid Washed GAC / KDF® 85 Stabilized | | | | FLOW RATE (GPM) | | MESH SIZE |
|--|--------------|---------------------------|----------|-----------------|---------|-----------|
| PART NUMBER | SIZE | DESCRIPTION | CAPACITY | OPERATING | MAXIMUM | |
| AF-10-2210 | 2-1/2" x 10" | 0.5 lb KDF85 / CS. AW GAC | 8,000 | 1 | 1.5 | 20 x 50 |
| AF-10-2211 | 2-1/2" x 10" | 1.5 lb KDF85 / CS. AW GAC | 15,000 | 1 | 1.5 | 20 x 50 |
| AF-10-2212 | 2-1/2" x 10" | 2.0 lb KDF85 / CS. AW GAC | 18,000 | 1 | 1.5 | 20 x 50 |
| AF-20-2212 | 2-1/2" x 20" | 2.0 lb KDF85 / CS. AW GAC | 22,000 | 1 | 2 | 20 x 50 |
| AF-10-2212-BB | 4-1/2" x 10" | 2.0 lb KDF85 / CS. AW GAC | 35,000 | 2 | 4 | 12 x 40 |
| AF-10-2213-BB | 4-1/2" x 10" | 3.0 lb KDF85 / CS. AW GAC | 45,000 | 2 | 4 | 12 x 40 |
| AF-20-2214-BB | 4-1/2" x 20" | 4.0 lb KDF85 / CS. AW GAC | 85,000 | 3 | 5 | 12 x 40 |
| AF-20-2215-BB | 4-1/2" x 20" | 5.0 lb KDF85 / CS. AW GAC | 95,000 | 3 | 5 | 12 x 40 |

* Cartridge capacities are based on reducing 90% of free chlorine with a 3 ppm influent. Actual results will vary depending on the influent water.

OTHER AF SERIES CARTRIDGES

- Specialty Carbon / KDF
- Phosphate
- Softening
- Deionization
- Multi-purpose
- Specialty Waste Water (Heavy Metals, Chrome)
- Specialty Drinking (Nitrate, Perchlorate, Arsenic, Fluoride)

NOTES

Disposal - It is recommended that users review local regulations and consult with local authorities on the best method of disposal. Cartridges pass the Toxicity Characteristic Leaching Procedures (TCLP) according to the EPA.

IMPORTANT NOTICE TO USER:

The following is made in lieu of all other warranties expressed or implied. Manufacturer's and Seller's only obligation shall be to issue credit against the purchase or replacement of the equipment proved to be defective in material or workmanship. Neither Manufacturer nor Seller shall be liable for any injury, loss or damage, direct or indirect, special or consequential, arising out of the use of, misuse, or the inability to use such product. The information contained herein is based on technical data and tests which we believe to be reliable and is intended for use by persons having technical skill at their discretion and risk. Since conditions of use are outside ResinTech's control, we can assume no liability whatsoever for results obtained or damages incurred through the application of the data presented. This information is not intended as a license to operate under, or a recommendation to infringe upon, any patent of ResinTech's or others covering any material or use. The foregoing may not be altered except by written agreement signed by officers of the Manufacturer.