

**AF SERIES**

CARBON

**KEY FEATURES**

- **USES RESINTECH® PREMIUM ACID WASHED CARBON**
- **PROP 65 COMPLIANT FOR DRINKING WATER APPLICATIONS**
- **FITS STANDARD RESIDENTIAL AND INDUSTRIAL HOUSINGS**

**CARBON CARTRIDGES**

Carbon filtration is an inexpensive and effective way to remove chemicals and contaminants commonly found in tap water. Aries FilterWorks carbon cartridges are an ideal choice for taste and odor control, chlorine removal, and organic reduction. Premium carbons are available in coal or coconut shell and are acid washed for a balanced.

California Prop 65 compliance ensures each lot of media complies with EPA recommended levels of contaminants, including arsenic.

**APPLICATIONS****RESIDENTIAL USE -**

Carbon cartridges used as part of a water treatment system, improves water quality by removing harmful contaminants from municipal water supplies.

**PRE-TREATMENT TO REVERSE OSMOSIS (RO) -**

Provides protection by removing contaminants such as chlorine and organics that can foul RO membranes.

**POINT-OF-USE (POU) DRINKING WATER SYSTEMS -**

Cartridge provides a source of clean water and is more cost effective than purchasing bottled water. It can be used as a standalone filter to reduce or eliminate: bad tastes and odors, chlorine and organic contaminants in municipal water supplies. The use of carbon cartridges significantly improves drinking water quality.

**ABOUT CARBON**

Activated carbon has remarkable absorptive properties, which makes it effective in removing chlorine, sediment and Volatile Organic Compounds (VOCs). The Carbon particles have a large surface area, allowing a small amount of carbon to efficiently filter large volumes of water. As water passes through the carbon filter many chemicals and contaminants in the water are bonded at a molecular level to the carbon, effectively removing them from the water. A large percentage of chemical compounds and organic contaminants, that cause taste and odor problems are removed by carbon.

**FEATURES & BENEFITS**

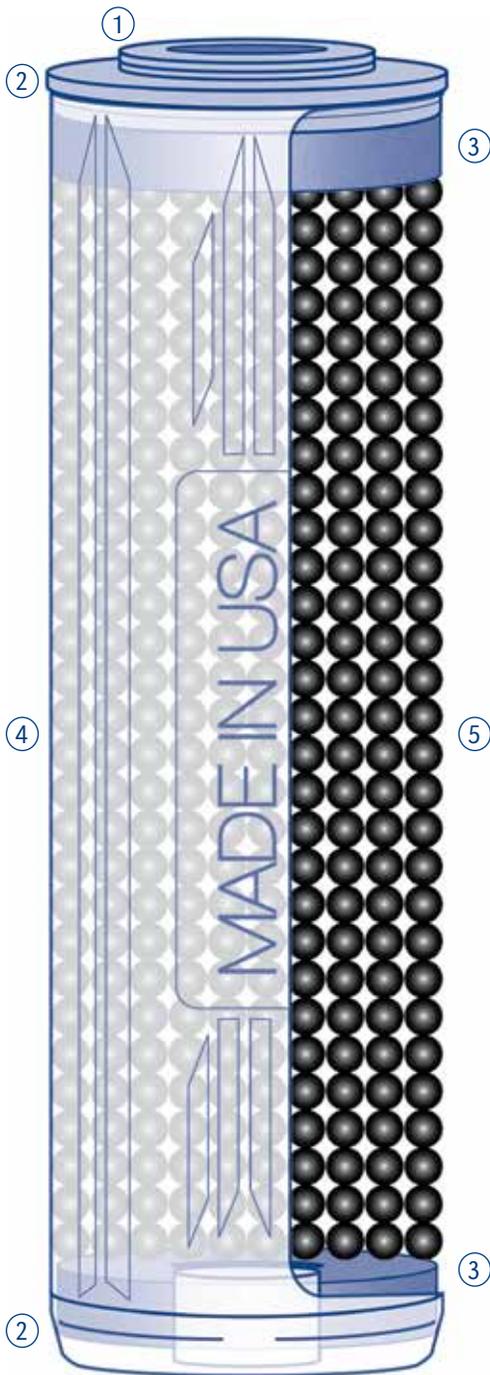
- **USE OF RESINTECH® PREMIUM FINE MESH CARBON STANDARD**  
Optimum mesh size provides more surface area to enhance organic adsorption and chlorine conversion
- **AVAILABLE IN ACID WASHED CARBON**  
Acid washing reduces carbon fines, prevents pH spiking, improves rinse up time, and adds approximately 5% more capacity to carbon media
- **OVERSIZED CARTRIDGE FOR MAXIMUM MEDIA FILL**  
AF Series cartridges have up to 50% higher capacity and extend cartridge life, due to the use of larger cartridges.
- **QUALITY PRODUCED AND MADE IN THE USA**  
To ensure consistent quality and peace of mind for the consumer all drinking water media are WQA Gold Seal or NSF certified. Cartridges are produced by Aries FilterWorks, a division of ResinTech®. Strict quality control over all aspects of production allows complete traceability of every cartridge

**COMPONENT**

# AF SERIES - CARBON

## TECHNICAL DATA

|                           | 10" SLIM                                      | 20" SLIM | 10" SUPER BLUE              | 20" SUPER BLUE |
|---------------------------|---|----------|-----------------------------|----------------|
| Diameter (in.)            | 3.0"  | 2.9"     | 4.6"                        | 4.6"           |
| Length (in.)              | 9.9"  | 20.0"    | 10.0"                       | 20.0"          |
| Temperature (°F.)         |   |          |                             |                |
| Min.                      | 40°   | 40°      | 40°                         | 40°            |
| Max                       | 100°  | 100°     | 100°                        | 100°           |
| Pressure (psi)            |   |          |                             |                |
| Min.                      | 20  | 20       | 20                          | 20             |
| Max.                      | 125   | 125      | 125                         | 125            |
| Micron Rating (μ)         | 25  | 25       | 25                          | 25             |
| Materials of Construction |   |          |                             |                |
| 1. Gasket                 | TPE   | TPE      | TPE                         | TPE            |
| 2. End Caps               | PP  | ABS      | ABS                         | ABS            |
| 3. Pads                   | PE  | PE       | PE                          | PE             |
| 4. Body / Tube            | PP  | ABS      | ABS                         | ABS            |
| 5. Media*                 | ResinTech® Premium Granular Activated Carbon* |          |                             |                |
|                           | PP Polypropylene                              |          | PE Polyester                |                |
|                           | ABS Acrylonitrile Butadiene Styrene           |          | TPE Thermoplastic Elastomer |                |

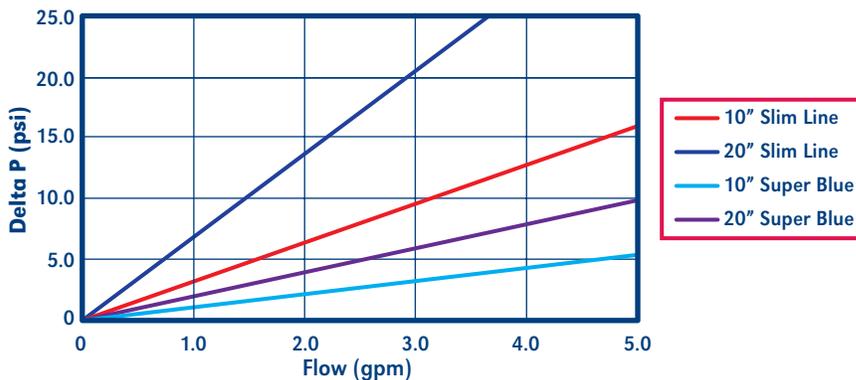


### COMPONENT

Filter cartridge Certified to NSF/ANSI Standard 42 and NSF/ANSI Standard 61 for material requirement(s) only.

Filter cartridge Certified to NSF/ANSI Standard 372 for low lead compliance.

## GAC DELTA P



## MEDIA

As a division of ResinTech, Inc.®, Aries FilterWorks is the only integrated water filtration media and cartridge manufacturer providing a premium product at the most competitive cost. Aries builds technology and knowledge of ion exchange and specialty adsorbents into each cartridge. Strict quality control over all aspects of cartridge production allows complete traceability of every filter.

## ORDERING GUIDE

| PART NUMBER   | MEDIA                   | STANDARD HOUSING<br>DIAMETER x LENGTH | FLOW RATE (GPM) |         | CAPACITY<br>(GALLONS) |
|---------------|-------------------------|---------------------------------------|-----------------|---------|-----------------------|
|               |                         |                                       | OPERATING       | MAXIMUM |                       |
| AF-10-1051    | ResinTech® Premium      | 2.5" x 10"                            | .75             | 1.0     | 4,000                 |
| AF-20-1051    | AGC40-AW / AGC50-AW     | 2.5" x 20"                            | 1.0             | 2.0     | 9,000                 |
| AF-10-1041-BB | Acid Washed             | 4.5" x 10"                            | 2.0             | 4.0     | 13,000                |
| AF-20-1041-BB | Coal GAC*               | 4.5" x 20"                            | 3.0             | 5.0     | 30,000                |
| AF-10-1052    | ResinTech® Premium      | 2.5" x 10"                            | .75             | 1.0     | 4,000                 |
| AF-20-1052    | AGC40-CSAW / AGC50-CSAW | 2.5" x 20"                            | 1.0             | 2.0     | 9,000                 |
| AF-10-1046-BB | Acid Washed             | 4.5" x 10"                            | 2.0             | 4.0     | 13,000                |
| AF-20-1046-BB | Coconut Shell GAC*      | 4.5" x 20"                            | 3.0             | 5.0     | 30,000                |

\* Non-acid washed carbon available upon request



Notes: Ordering information subject to change without notice. Please verify all specifications prior to ordering.

To place an order call (856) 626-1550 or e-mail ariescs@ariesfilterworks.com

### 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.

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