

AF SERIES

SCALE, TASTE & ODOR REDUCTION

KEY FEATURES

- **MEDIA IS RESINTECH® MBD-80 MIXED BED MEDIA**
- **REMOVES CHLORINE AND ENHANCES TASTE OF DRINKING WATER**
- **FITS STANDARD RESIDENTIAL AND INDUSTRIAL HOUSINGS**

SCALE, TASTE & ODOR CARTRIDGES

Aries FilterWorks offers a propriety blend of a high capacity weak acid ion exchange resin to reduce calcium and magnesium and with granular activated carbon maximize the removal of chlorine. The ion exchange media reduces hardness associated with alkalinity preventing water scale formation. Granular activated carbon (GAC) that has been specially prepared for use in drinking water filters removes chlorine and enhances the quality and taste of the drinking water. The media is buffered to provide pH balance.

APPLICATIONS

RESIDENTIAL USE -

These cartridges are an effective way to provide clean water for drinking water, juices, coffee, and teas. Additionally, the water can be used to prepare foods and mix infant formula. It eliminates the need for costly bottled water and bottled water services. Aries FilterWorks cartridges can reduce or eliminate taste and odor due to municipal chlorination and decrease metals that may be in city, well water or distribution systems.

COMMERCIAL USE -

These cartridges are as an effective pretreatment of supply water to commercial grade brewing machines, ice makers, and beverage dispensing equipment and water misters. Coffee and espresso machines benefit from the reduction of scale formation on heating elements, thus improving the efficiency of the machine and avoiding expensive service calls.

ABOUT SCALE, TASTE AND ODOR REMOVAL

Water is a good solvent and picks up impurities easily. As water moves through soil and rock, it dissolves minerals and holds them in solution. Calcium and magnesium dissolved in water are the two most common minerals that make water "hard." The minerals responsible for hard water tend to form insoluble salts, also known as scale. Formation of scale on heating elements reduces the efficiency of small machines. A point of use cartridge removes scales by use of a weak acid ion exchange resin and in combination with GAC, removes chlorine to improve taste and odor.

FEATURES & BENEFITS

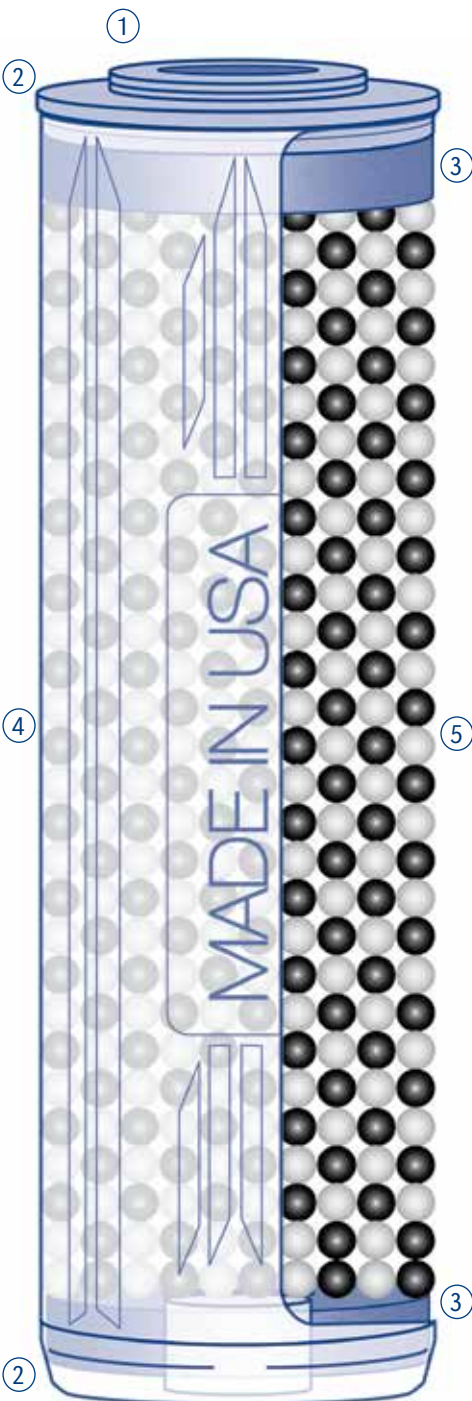
- **USE OF RESINTECH® MBD-80 MIXED BED MEDIA**
A high capacity weak acid ion exchange resin reduces scale, improves taste and odor as well as the reduction of some heavy metals
- **FITS STANDARD RESIDENTIAL AND INDUSTRIAL SIZE HOUSING**
AF Series cartridges are double-open end cartridges that fit standard residential and industrial housings
- **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**
Cartridges are produced by Aries FilterWorks, a division of ResinTech®. Strict quality control over all aspects of cartridge and media production allows complete traceability of every filter



COMPONENT

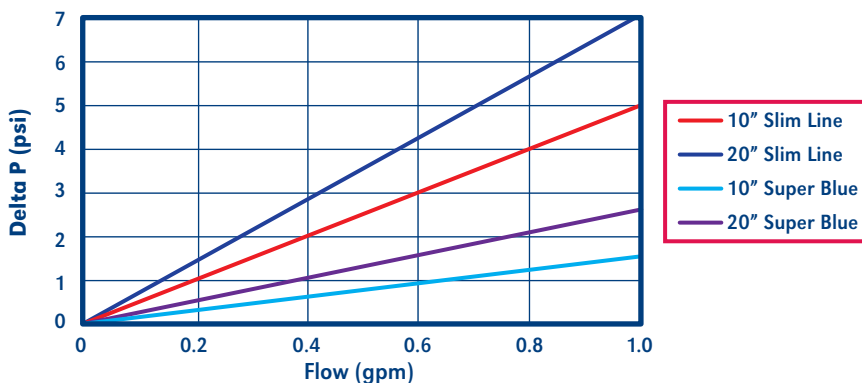
AF SERIES - SCALE, TASTE AND ODOR REMOVAL

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 MBD-80 Mixed Bed Media | | | |
| PP Polypropylene | | | PE Polyester | |
| ABS Acrylonitrile Butadiene Styrene | | | TPE Thermoplastic Elastomer | |

MIXED BED 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 DIAMETER X LENGTH | MAXIMUM FLOW RATE (GPM) | CAPACITY (GALLONS) |
|---------------|-------------------|---------------------------------------|----------------------------|-----------------------|
| AF-10-4080 | | 2.5" x 10" | 0.3 | 330 |
| AF-20-4080 | ResinTech® MBD-80 | 2.5" x 20" | 0.6 | 600 |
| AF-10-4080-BB | Mixed Bed Media | 4.5" x 10" | 0.5 | 680 |
| AF-20-4080-BB | | 4.5" x 20" | 1.5 | 1,500 |



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.

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:

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