

ARIES

FILTERWORKS

LABORATORY • COMMERCIAL • RESIDENTIAL

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



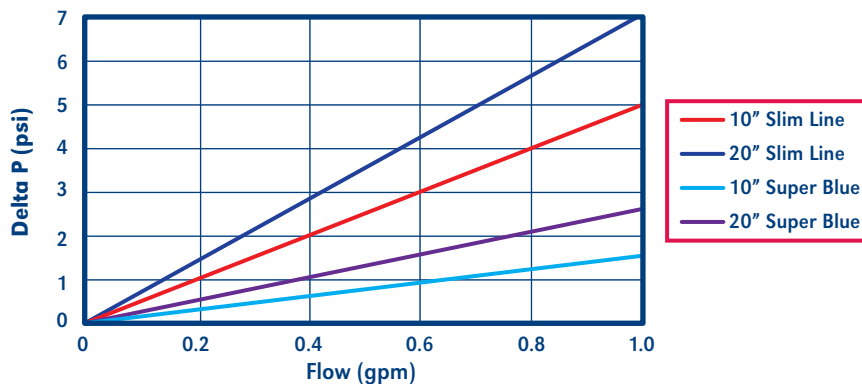
COMPONENT

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.

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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