



LABORATORY • COMMERCIAL • RESIDENTIAL

AF SERIES CARTRIDGES

ARSENIC REMOVAL

AF SERIES - ARSENIC REMOVAL

The AF Series provides effective Arsenic reduction by utilizing advanced media technology of ResinTech's ASM-10-HP Arsenic selective media has unsurpassed capacity and is effective over the entire pH range of potable water. In cartridge form, the AF Arsenic Removal Series is an ideal choice for POU applications requiring EPA compliance of less than 10 pb of arsenic.

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.

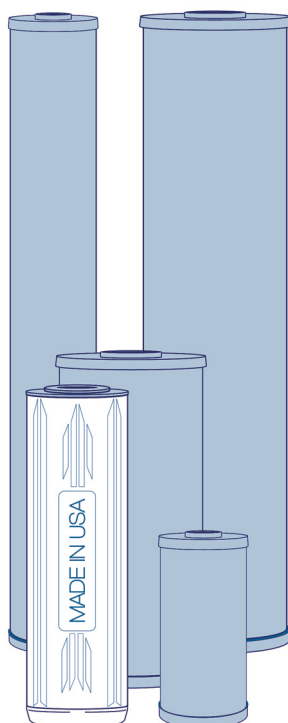
FEATURES & BENEFITS

- ResinTech ASM-10-HP Arsenic Selective media
- Media NSF/ANSI-61 Certified
- Highest Total Capacity
- Fits standard and slim style housings
- Sonic Welded Construction
- Lot Traceability
- Made in the USA of FDA Approved Materials



- For Arsenic Reduction
- For EPA Compliance
- Uses ResinTech ASM-10-HP

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

AF SERIES • ARSENIC REMOVAL

PERFORMANCE DATA

Part Number	Size	Flow Rate (gpm)	Capacity (gal.)
		Operating	
AF-10-3695	2.5" x 10"	.25	2,000
AF-20-3695	2.5" x 20"	.5	4,000
AF-10-3695-BB	4.5" x 10"	.5	4,500
AF-20-3695-BB	4.5" x 20"	1.0	9,000

WATER QUALITY GUIDELINES

Rated Performance for Potable Water *			
Arsenic **	< 50 ppb	Sulfate	< 100 ppm
Conductivity	< 1000 micromhos / cm	Phosphate	< 5ppm
pH	6.0 - 8.0	Chlorine	< 0.3 ppm
Silica	< 10 ppm	Turbidity	5 NTU

* For detailed performance ratings, contact factory with complete water analysis.

** Capacity based on Arsenic V (As⁵⁺)

OTHER AF SERIES CARTRIDGES

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

POINT OF USE SYSTEMS

- Arsenic POU System – Double and Triple Bowl Systems with Automatic Shut Off Valve
- Hydra Systems – Pre-Assembled Filtration systems using AF Series Cartridges
- Pegasus – Counter-top Filtration Unit

NOTES

MANUFACTURED IN THE USA.

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.