

ARIES

FILTERWORKS

LABORATORY • COMMERCIAL • RESIDENTIAL

AF SERIES

PHOSPHATE

KEY FEATURES

- EFFECTIVELY TREATS SCALE, CORROSION AND IRON PROBLEMS
- IDEAL FOR SERVICE AND WATER PROCESSING EQUIPMENT
- MEDIA DISSOLVES SLOWLY FOR EXTENDED PROTECTION

PHOSPHATE CARTRIDGES

Aries FilterWorks 3300 series Phosphate Cartridge contains food grade, slow melt polyphosphate that dissolves in water to inhibit scale and rust build up. This filter is used primarily where scale, corrosion and increased amounts of iron are present in the water source. Phosphate cartridges are also available in combination with coconut shell GAC. The additional combination improves taste and odor and removes chlorine.

APPLICATIONS

COMMERCIAL USE -

Effectively reduces scale by separating hardness particles so they cannot precipitate and form deposits when heated. These cartridges are used with many commercial grade coffee and tea brewing machines, ice makers, beverage dispensing equipment and water misters.

RESIDENTIAL USE -

As part of a water treatment system, phosphate cartridges are used to maintain distribution systems. The corrosive properties of water can be attributed to low pH; high temperature and total dissolved solids. Phosphates are used in water treatment to sequester inorganic contaminants (iron, manganese, calcium etc.) and to maintain water quality.

ABOUT PHOSPHATE

As a mineral, phosphate is not seen as harmful and is safe to ingest at reasonable levels. Phosphates are derivatives of phosphoric acid, which contain phosphorous and oxygen and exist in inorganic and organic forms. They are widely used in water treatment and industrial formulations because of their superior ability to soften water, control scale and corrosion, and sequester iron, calcium and manganese.

FEATURES & BENEFITS

• USE OF SLOW MELT POLYPHOSPHATE

The phosphate cartridge features 100% slow melt NSF certified polyphosphate

• 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 extended 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



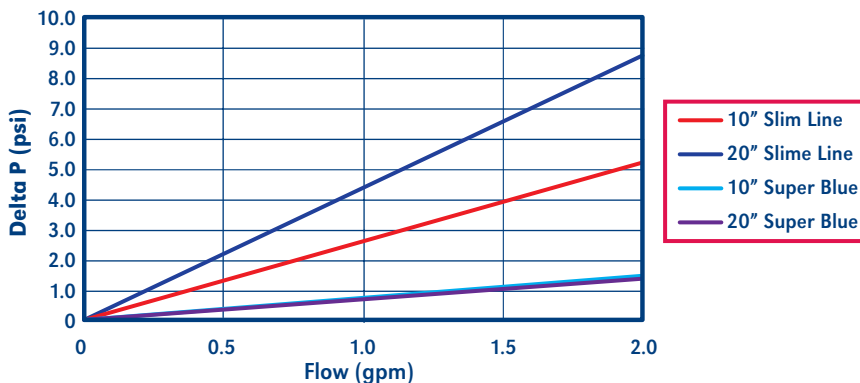
COMPONENT

AF SERIES - PHOSPHATE

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*	Phosphate Crystals			
	PP Polypropylene		PE Polyester	
	ABS Acrylonitrile Butadiene Styrene		TPE Thermoplastic Elastomer	

PHOSPHATE DELTA P



MEDIA

As a division of ResinTech, Aries FilterWorks is the only integrated media and cartridge manufacturer providing added value of 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	PHOSPHATE FILL	STD. HOUSING DIAMETER X LENGTH	SERVICE FLOW RATE (GPM)	CAPACITY* (PPM)
AF-10-3323	Phosphate Crystals (Loose Fill)	12 oz.	2.5" x 10"	1.0	30,000
AF-10-3328		16 oz.	2.5" x 10"	1.0	40,000
AF-10-3324		18 oz.	2.5" x 10"	1.0	50,000
AF-10-3321		24 oz.	2.5" x 10"	1.0	60,000
AF-20-3322		32 oz.	2.5" x 20"	2.0	80,000
AF-10-3326-BB		48 oz.	4.5" x 10"	3.0	120,000
AF-20-3327-BB	80 oz.	4.5" x 20"	5.0	200,000	

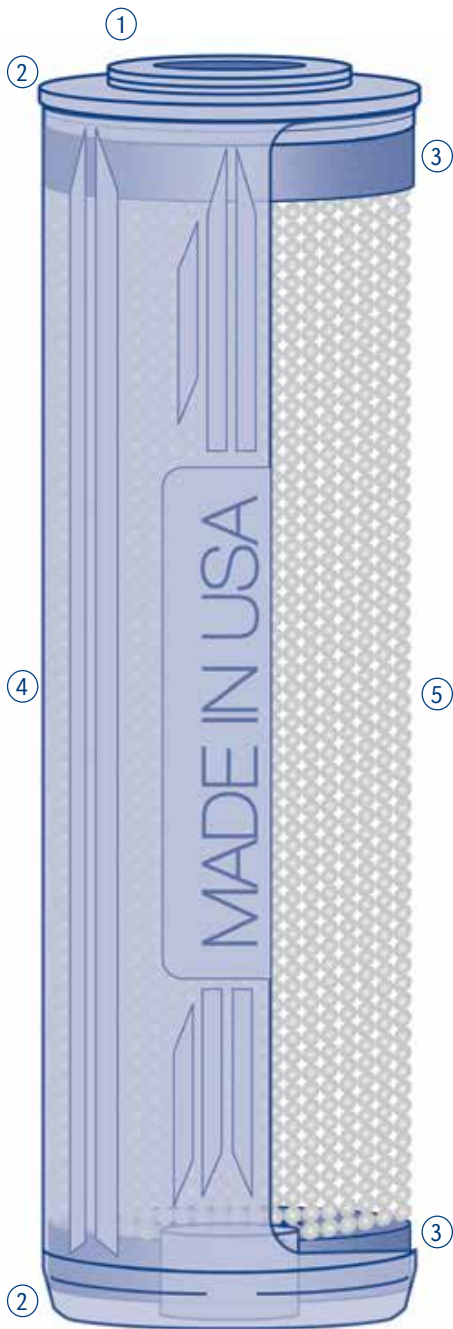
* Capacity based on volume of phosphate

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.

DS-AFPhosphate-rev1.6



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.