ARIES FILTERWORKS

VAN ISLE WATER
The Water System Experts
Since 1972

LABORATORY • COMMERCIAL • RESIDENTIAL

AF SERIES

PH NEUTRALIZATION / CALCOR

KEY FEATURES

- **PROPRIETARY BLEND OF COROSEX® AND CALCITE® MEDIAS**
- **CONTROLS pH CORROSION, AND ALLOWS MINERALIZATION**
- **PRE-TREATMENT OF RESIDENTIAL AND COMMERCIAL WATER**

COMPONENT

CALCOR NEUTRALIZATION

Aries FilterWorks Calcor Neutralization Cartridges are designed with a propriety blend of Corosex® and Calcite®. The basic benefit of using Corosex® is that it dissolves much faster than Calcite®. If the initial pH is less than 6.0, Calcite® alone does not dissolve fast enough to correct pH to neutral. Blending the products, allows the pH to be corrected over a more effective range. Aries Calcor Cartridge specific blend helps to create a balanced product that will deliver a natural effluent without the negative impact of over correction.

APPLICATIONS

COMMERCIAL USE -

Water can behave in a corrosive manner, which is a problem that needs to be considered during water treatment. Aries Calcor cartridges can be used to polish RO effluents and mineralize the product stream back to a balanced and healthy pH.

RESIDENTIAL USE -

If your water has a pH of < 7.0 it is considered acidic and it should be treated. With respect to the corrosion potential of drinking water, the primary concerns include the potential presence of toxic metals as well as deterioration and damage to the household plumbing. The pretreatment system typically used in applications for homeowners or small private water supplies should include a neutralizing filter.

ABOUT CALCOR NEUTRALIZATION

pH is an indicator of the acid or alkaline condition of water. The pH scale ranges from 0-14; 7 indicates the theoretical neutral point. Neutralization cartridges act on acidic waters by slowly dissolving the calcium carbonate and magnesium oxide media as the water flows through the filter, raising the pH of the water and increasing the alkalinity. This eliminates the effects of corrosive water and can help to prevent corrosion of piping and fixtures.

The combination of Corosex® and Calcite® lessen the aggressive tendencies of acidic pH streams and their ability to leach metals from plumbing systems acidifier. Initial effluent may have a somewhat higher dissolution of product as it sits in intimate contact over time. The dissolution rate is multi-factorial and the result of water temperature, flow rate and specific water chemistry. This product is sacrificial so capacities will be specific to each application and variables mentioned above.

FEATURES & BENEFITS

- **USE OF COROSEX® AND CALCITE®**
  Allows pH to correct over an extended range
- **FITS STANDARD RESIDENTIAL AND INDUSTRIAL SIZE HOUSINGS**
  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

A Division of ResinTech • Innovations in Ion Exchange
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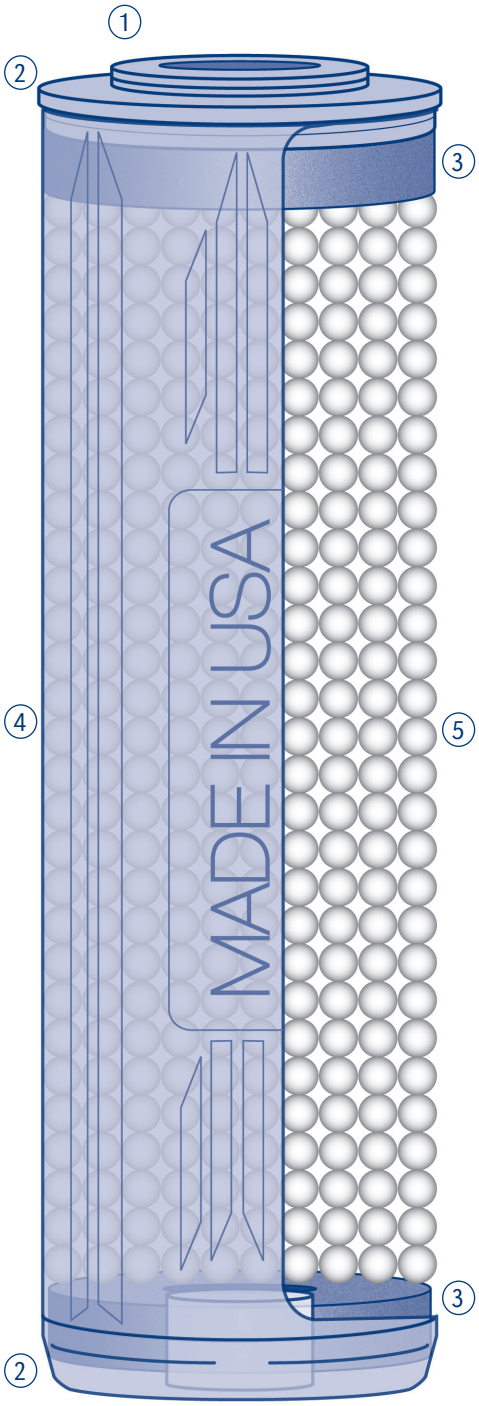
AF SERIES - pH NEUTRALIZAION / CALCOR

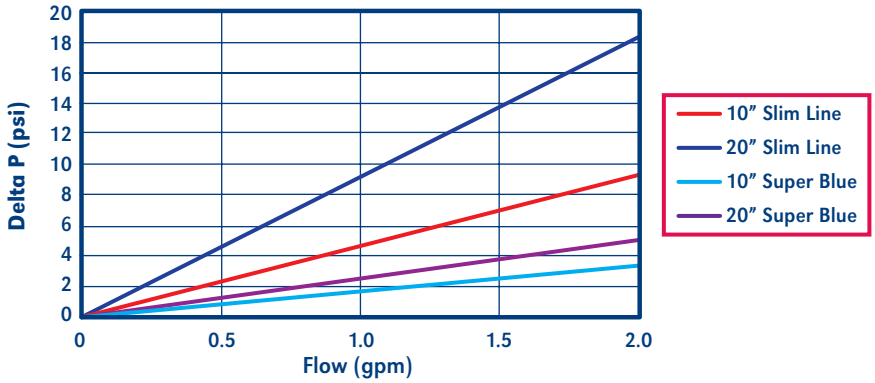


TECHNICAL DATA

	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	Calcor or Calcite® pH Neutralization Media			

PP Polypropylene
ABS Acrylonitrile Butadiene Styrene
PE Polyester
TPE Thermoplastic Elastomer

CALCOR 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	SERVICE FLOW RATE (GPM)	CAPACITY (GALLONS)
AF-10-3232	Calcor pH Neutralization Media	2.5" x 10"	0.5	7,500
AF-20-3232		2.5" x 20"	1.0	13,000
AF-10-3232-BB		4.5" x 10"	1.5	15,000
AF-20-3232-BB		4.5" x 20"	3.0	36,000
AF-10-3231	100% Calcite® pH Neutralization Media	2.5" x 10"	0.5	6,800
AF-20-3231		2.5" x 20"	1.0	10,000
AF-10-3231-BB		4.5" x 10"	1.5	11,000
AF-20-3231-BB		4.5" x 20"	3.0	27,000

TESTED AND CERTIFIED UNDER INDUSTRY STANDARDS WaterQuality

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@ariesfitlerworks.com

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