

## RESIDENTIAL IF SERIES

INLINE SPECIALTY DRINKING WATER FILTERS

### ABOUT

Aries FilterWorks inline cartridges are designed for Point-Of-Use filtration to remove specific contaminants for a number of specialty drinking water, taste improvement and odor elimination applications. Aries filters can improve the aesthetic qualities of water and remove harmful contaminants. Aries utilizes ResinTech premium ion exchange resins and specialty absorbents to remove a wide variety of contaminants.

### APPLICATIONS

**Taste and Odor Improvement:** Contain ResinTech premium acid washed and Prop 65 certified activated carbons\* to remove contaminants and enhance the overall aesthetics of drinking water.

**Scale Prevention:** Food grade NSF certified slow melt crystalline phosphate to prevent scale build up in heating, brewing and ice machine applications.

**pH Neutralization:** Uses ResinTech Calcor media, a proprietary blend of Corosex and Calcite to buffer the pH to neutral. The blend provides fast reactivity and slower dissolution to extend the life of the cartridge.

**Softening:** ResinTech CGS\* cation exchange softening grade resin for general water softening, scale and hardness reduction applications

**Nitrate Removal:** Provides effective nitrate removal by the utilization of ResinTech SIR-100-HP\* resin.

**Fluoride Removal:** Provides effective fluoride removal by the utilization of ResinTech SIR-900 resin.

**Tannins & Organic Removal:** ResinTech SBACR-HP\* anion exchange resin removes tannins and other organics to improve color, taste and odor.

**Chlorine and Scale Reduction:** MBD-80 is blend of carbon and cation resin similar to the "pour through pitcher" market. Mineral reduction with improved taste and odor



### FEATURES & BENEFITS

- **USE OF RESINTECH PREMIUM MEDIA**

The technology of the media inside comes from over 30 years of experience as leader in the ion exchange industry.

- **HIGH QUALITY HOUSING**

The IF Series filters housing are designed for demanding applications utilizing high quality impact resistant ABS or clear Acrylic materials of construction. All components are bonded without using glues or solvents to avoid unwanted extractables.

- **EASY INSTALLATION**

IF series come standard with 1/4" quick connect tube fittings for ease of installation. No tools required.

- **CUSTOM SIZES AVAILABLE**

IF series cartridges can be offered in different length for any application. End caps are available in 1/4" FNPT.

- **QUALITY PRODUCED AND MADE IN THE USA**

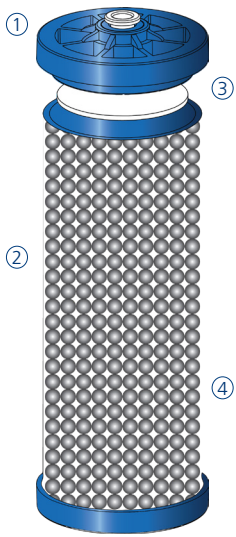
As a U.S. based manufacturer, both Aries and ResinTech products are manufactured to the highest quality standards utilizing an ISO 9001:2015 certified Quality Management System incorporating traceability of every filter including the media inside.



PROUD TO BE ISO 9001:2015 CERTIFIED



\*RESINTECH® MEDIA  
WQ/NSF 61  
GOLD SEAL CERTIFIED  
FOR MATERIAL SAFETY.



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### TECHNICAL DATA

	6 INCH	12 INCH	
Diameter (in.)	2.0"	2.0"	
Length (in.)	6.0"	12.0"	
Temperature (°F.)			
Min.	40°	40°	
Max.	100°	100°	
Pressure (psi)			
Min.	5	5	
Max.	125	125	
Micron Rating (µ)	25	25	
Materials of Construction			
1. End Caps	ABS	ABS	
2. Tube	ABS	ABS	<b>ABS</b> Acrylonitrile Butadiene Styrene
3. Inside 25 Micron Pad	PET	PET	<b>PET</b> Polyester
4. Media			

### ORDERING GUIDE

PART NUMBER	MEDIA	STANDARD HOUSING DIAMETER X LENGTH	SERVICE FLOW RATE (GPM)	CAPACITY*	UNIT
<b>Acid Washed Coconut Shell GAC</b> (Preimum Taste, Odor and Chlorine Removal)					
IFB-06-1052-QC	ResinTech ACG40/50-CSAW** (ANSI / NSF 61 Certified)	2.0" x 6.0"	0.5	1120	GALLONS
IFB-12-1052-QC		2.0" x 12.0"	1.0	2240	
<b>Phosphate</b> (Scale Prevention & Sequestering)					
IFB-06-3300-QC	100% Slow Melt Phosphate Crystal	2.0" x 6.0"	0.3	36000	PPM
IFB-12-3300-QC		2.0" x 12.0"	0.6	72000	
<b>Calcor</b> (pH Neutralization)					
IFB-06-3232-QC	100% Calcor pH neutralization media	2.0" x 6.0"	0.2	2300	GALLONS
IFB-12-3232-QC		2.0" x 12.0"	0.4	4600	
<b>Calcor and Coconut GAC</b> (pH Neutralization with taste, odor and chlorine removal)					
IFB-06-4210-QC	Calcor pH neutralization media & ACG40/50CSAW**	2.0" x 6.0"	0.2	690	GALLONS
IFB-12-4210-QC		2.0" x 12.0"	0.4	1380	
<b>Phosphate and Coconut GAC</b> (Scale prevention and Sequestering with taste, odor and chlorine removal)					
IFB-06-3390-QC	Slow melt phosphate crystals & ACG 40/50CSAW**	2.0" x 6.0"	0.3	670/14400	GALLONS/PPM
IFB-12-3390-QC		2.0" x 12.0"	0.6	1340/28800	
<b>Softening</b> (Hardness / Iron Removal)					
IFB-06-3003-QC	ResinTech CGS** (ANSI / NSF 44 & 61 Certified)	2.0" x 6.0"	0.2	395	GRAINS
IFB-12-3003-QC		2.0" x 12.0"	0.4	790	
<b>Nitrate Removal</b>					
IFB-06-3610-QC	ResinTech SIR-100-HP** (ANSI / NSF 61 Certified)	2.0" x 6.0"	0.1	132	GALLONS
IFB-12-3610-QC		2.0" x 12.0"	0.2	264	
<b>Fluoride Removal</b>					
IFB-06-3690-QC	ResinTech SIR-900	2.0" x 6.0"	0.1	133	GALLONS
IFB-12-3690-QC		2.0" x 12.0"	0.2	266	
<b>Tannins / Organics Removal</b>					
IFB-06-3621-QC	ResinTech SBACR-HP**	2.0" x 6.0"	0.1	42/260	GALLONS/GRAINS
IFB-12-3621-QC		2.0" x 12.0"	0.2	84/520	
<b>Heavy Metals, Chlorine &amp; Organics Removal</b> (Taste and Odor Reduction)					
IFB-06-4080-QC	ResinTech MBD-80	2.0" x 6.0"	0.1	92	GALLONS
IFB-12-4080-QC		2.0" x 12.0"	0.2	184	

\*Throughput based upon calculated capacity. The variability of tap water and specific feed contaminants can affect capacity.

\*\* ResinTech Ion exchange Resin and Granular Activated Carbon are ANSI/NSF 61 Gold Seal Certified for Material Safety

**Ordering information subject to change without notice. Please verify all specifications prior to ordering.**

#### IMPORTANT NOTICE TO USER:

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