

ARIES FILTERWORKS

LABORATORY • COMMERCIAL • RESIDENTIAL

RC SERIES

SUPER FLOW CARBON CARTRIDGES

KEY FEATURES

- **HIGHEST FLOW CHLORINE REDUCTION CARTRIDGE AVAILABLE**
- **USES RESINTECH PREMIUM ACID WASHED GAC**
- **PROP 65 COMPLIANT FOR DRINKING WATER APPLICATIONS**

CARBON CARTRIDGES

Aries FilterWorks Radial Flow Cartridges are designed to effectively reduce chlorine and improve taste and odor for high flow, low pressure, point-of-entry and other high flow residential and commercial applications. Unlike axial flow cartridges that generate extreme levels of head pressure causing system failures, the radial flow will generate lower pressure drop under high flow conditions.

Aries RC Series cartridges are radial flow (water flows from outside into core) and are available in 4 ½" diameter, 10" or 20" lengths to fit standard residential and industrial housings. Aries RC Series cartridges are designed with a porous, polypro, 90 micron outer shell and a 25 micron inner spiral wound core. Aries RC cartridges are filled with premium ResinTech High Capacity Granular Activated Carbon which has been pH stabilized with and acid wash rinse. The end caps of the Aries cartridge incorporate a special scalloped design to insure optimum flow distribution. All components are made of FDA approved materials for drinking water applications.

California Prop 65 compliance ensures each lot of media complies with EPA recommended levels of contaminants, including arsenic.

APPLICATIONS

RESIDENTIAL USE -

Point-of-Entry (POE) radial flow carbon cartridges used as part of a water treatment system, improves water quality by removing harmful contaminants from municipal water supplies.

PRE-TREATMENT TO REVERSE OSMOSIS (RO) -

Provides protection by removing contaminants such as chlorine and organics that can foul RO membranes.

INDUSTRIAL USE -

Food, beverage, water and ice pretreatment.

ABOUT CARBON

Activated carbon has remarkable absorptive properties, which makes it effective in removing chlorine, sediment and Volatile Organic Compounds (VOCs). The Carbon particles have a large surface area, allowing a small amount of carbon to efficiently filter large volumes of water. As water passes through the carbon filter many chemicals and contaminants in the water are bonded at a molecular level to the carbon, effectively removing them from the water. A large percentage of chemical compounds and organic contaminants, that cause taste and odor problems are removed by carbon.

FEATURES & BENEFITS

• HIGH FLOW WITH LOW PRESSURE DROP

Perfect for Point-of-Entry (POE), commercial and industrial high flow applications

• RESINTECH HIGH CAPACITY BLEND ACID WASHED PREMIUM GAC

Acid washing reduces carbon fines, prevents pH spiking, improves rinse up time, and adds approximately 5% more capacity to carbon media.

• OVERSIZED CARTRIDGE FOR MAXIMUM MEDIA FILL

RC series cartridges have higher capacity and extend cartridge life, due to the use of larger cartridges.

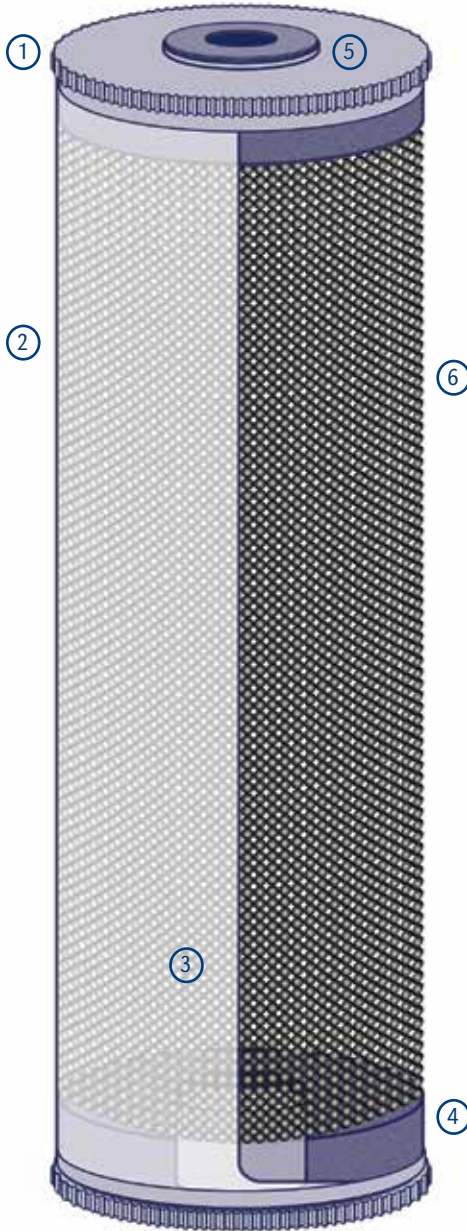
• QUALITY PRODUCED AND MADE IN THE USA

To ensure consistent quality and peace of mind for the consumer all drinking water media are WQA Gold Seal or NSF certified. Cartridges are produced by AriesFilter Works, a division of ResinTech. Strict quality control over all aspects of cartridge production allows complete traceability of every filter.



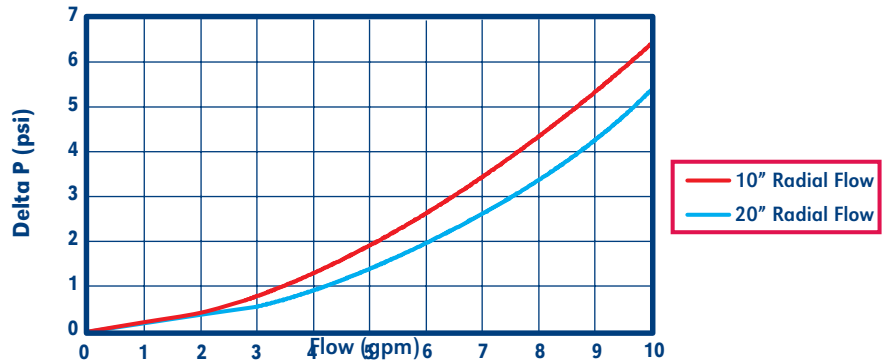
RC SERIES - RADIAL FLOW CARBON

TECHNICAL DATA



	10" SUPER FLOW RC GAC	20" SUPER FLOW RC GAC
Length (in.):	10	20
Diameter (in.):	4.6	4.6
Weight (lbs.):	3.125	6.25
Shipping Weight (lbs.):	25	24
Case Quantity	8	4
Temperature (°F)		
Min:	40	40
Max:	100	100
Max. Pressure (psi):	100	100
Micron Rating (μ):		
Outer Shell:	90	90
Inner Core:	25	25
Materials of Construction*		
① Cap	PP	PP
② Body/Tube	PP	PP
③ Core	PP	PP
④ Pad	PE	PE
⑤ Gasket	TPE	TPE
⑥ Fill	ResinTech Premium Granular Activated Carbon	
PP Polypropylene	PE Polyester	
ABS Acrylonitrile Butadiene Styrene	TPE Thermoplastic Elastomer	

RC SERIES 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.

PART NUMBER	DESCRIPTION	STANDARD HOUSING DIAMETER X LENGTH	FLOW(GPM)	ΔP	CAPACITY* (GAL.)	MESH SIZE
RC-10-1052-BB	10" Super Flow RC GAC	4.5" x 10"	1-5	< 2	60,000 @ 2ppm 120,000 @ 1ppm	20 x 50
RC-20-1052-BB	20" Super Flow RC GAC	4.5" x 20"	1-5	< 2	120,000 @ 2ppm 240,000 @ 1ppm	20 x 50

NOTE: Granular activated carbon may contain a small amount of carbon fines. A new cartridge should be sufficiently flushed to drain upon installation to remove any trace of fines prior to usage.

* Based on internal testing and calculated capacity for chlorine taste and odor reduction

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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