

RFAC PREMIUM ACTIVATED CARBON BLOCK CARTRIDGES

RFAC – REMOVES POLLUTANTS WITH HIGH PERFORMANCE FILTRATION

DRINK WATER

WELL WATER

INDUSTRY WATER

RO WATER

TWO FILTER SYSTEMS IN ONE CARTRIDGE

ADSORPTION

Removes organic substances, dye, solvents, chlorine, heavy metals and odor

MECHANICAL FILTRATION

Removes bacteria, cysts and suspended solids

FIELD OF APPLICATION

- Drinking water
- Well water
- Industrial water
- RO pre-filtration

INNOVATION & EFFICIENCY

The REBECCA FILTER RFAC Premium Activated Carbon Block Cartridges are manufactured using a new advanced production process. The result of this process is a high quality cartridge with increased effectiveness. This advanced manufacturing process allows for the activated carbon to be coated with only 8% of the binder compound which is high molecular polyethylene. This composite is then heated and compacted in to the appropriate form.

Existing similar sintered manufacturing processes and products require a minimum of 30% binder compounds. Extruded carbon cartridges containing 50% binder compound. With these processes it is not possible to make the pores of the cartridge smaller than the pours of the binder compound itself. In addition the absorption capacity is limited because proportions of the activated carbon are undersized. For these reasons the REBECCA FILTER RFAC Premium Activated Carbon Block Cartridges have a much higher absorption capacity because only a small amount of the binder compound is required.

THE RFAC FILTER

Premium Activated Carbon Block Cartridges consist of high grade coconut shell carbon and each gram has an inside surface of 1.300m³. This means that each REBECCA FILTER RFAC Premium Activated Carbon Block Cartridge has an inside surface of 650.000m³ and the highest absorption capacity possible.

ADVANTAGES

- + Highest Adsorption capacity
- + Long service life
- + Equable pores
- + Hygienic
- + Safe



CARTRIDGE
RFAC S10

CARTRIDGE
RFAC S20

Adjusted to
Seagull-/General
Ecology-housings

Availability for Big-Housings on demand.

RFAC PREMIUM ACTIVATED CARBON BLOCK CARTRIDGES

RFAC PRODUCTION PROCESS MATERIALS

The REBECCA FILTER® RFAC Premium Activated Carbon Block Cartridges are manufactured using a new advanced production process. The result of this process is a higher quality cartridge with increased effectiveness in the removal of organic substances, bacteria, chlorine, dyes and suspended solids.

- Filter material: Activated Carbon
- End caps: PE
- Mesh: PE
- Operating Temp.: 35,6°F – 113°F



DRINK WATER

WELL WATER

INDUSTRY WATER

RO WATER

RFAC CARTRIDGES 0,3µ* REMOVAL CAPACITY

GERMS	99,9 %	CYSTS	100,0 %
HERBIZIDES	99,9 %	MEDICAL RESIDUALS	99,9 %
PESTIZIDES	99,9%	SOLVENTS	99,9 %
TURBIDITY	99,9 %	SUSPENDED SOLIDS	99,9 %
DYE STUFFS	99,9 %	CHLORINE	100,0 %

* The removal capacity of cartridges with other pore sizes can be different.

RFAC PREMIUM ACTIVATED CARBON BLOCK CARTRIDGES

Length	Micron Rating	Flow Rate l/h	Operating Life **	Decontamination
10"	0,3 µm	120 l/h (31 GPH***)	15 m ³	99,9 %
10"	1,0 µm	320 l/h (84 GPH***)	75 m ³	reducing
10"	5,0 µm	1.100 l/h (290 GPH***)	120 m ³	reducing
10"	10,0 µm	2.200 l/h (581 GPH***)	230 m ³	---
20"	0,3 µm	240 l/h (63 GPH***)	30 m ³	99,9 %
20"	1,0 µm	640 l/h (169 GPH***)	150 m ³	reducing
20"	5,0 µm	2.200 l/h (581 GPH***)	240 m ³	reducing
20"	10,0 µm	4.400 l/h (1162 GPH***)	460 m ³	---
20"	20,0 µm	5.500 l/h (1452 GPH***)	700 m ³	---

The operating life can variegate with unsafe or unknown water quality. *gph (Gallons per hour)

Warning: A new cartridge after installation should be flushed with 5 liters of sufficient water to remove small amount of carbon fines which possibly can be in the water.

Rebecca Filter assumes no liability for the correctness of technical data, illustrations or text.