AQUALINE

CRC

LEAD REMOVAL CARTRIDGE

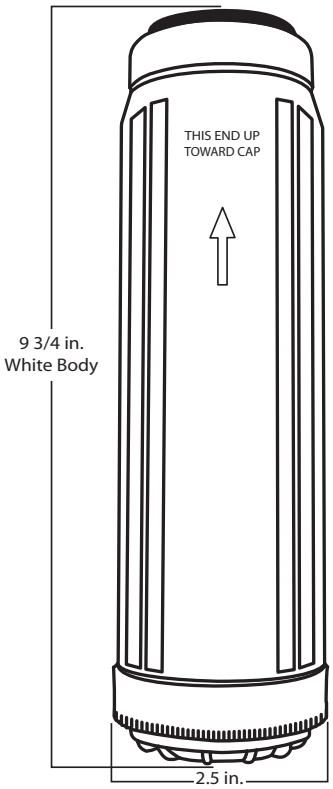
SIZE: 9 3/4 in.: Fits all standard 10 in. housings. (Also available in 2.5" X 20" and Big Blue 10" and 20")

POST FILTER: 20 micron spun-bonded polypropylene.

MEDIA: Semiconductor grade (low TOC) mixed bed ion exchange resin (1:1 equivalent ratio)

PRE-FILTER: 100 micron reticulated poly foam.
FLOW RATE: 0.5 - 0.75 gpm
CAPACITY: 2500 ppm for lead*; 5000 ppm for iron
pH RANGE: 5 - 9

* Third party tested to reduce lead to less than 0.05 ppm from a 20 ppm feed stream for (equivalent of) 2500 ppm and more than 1500 ppm from a 0.25 ppm challenge



Technical Information

The AQ-PBR is a brine regenerable R/O prefilter and drinking water cartridge constructed totally of FDA grade materials and media. It will remove lead and other heavy metals from feed streams and demonstrates a capacity of 2500 ppm gallons, even in hard water. To determine gallons capacity, divide the 2500 ppm by the heavy metal content (as CaCO3) to be removed. The result is the approximate number of gallons that can be treated.

The AQ-PBR can also be used to remove clear water iron as an R/O prefilter with exhibited capacities for iron in excess of 5000 ppm gallons. This can eliminate iron fouling of and remove metallic tastes in drinking water caused by iron, copper or galvanized pipes. Other metals removed by the AQ-PBR include mercury, tin, nickel, chromium, cadmium, zinc, radium, barium, and selenium.

The AQ-PBR is regenerable using sodium chloride brine.

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