

AQUALINE

pH+

SELF-REGENERATING pH INCREASER

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: High capacity acid neutralizing ion exchange resin and a slow dissolving hydroxide base.

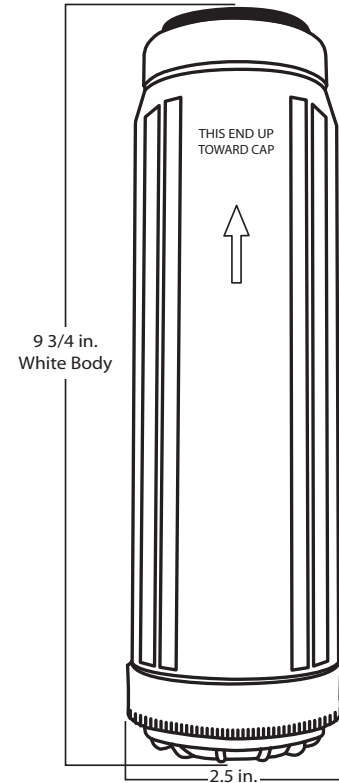
PRE-FILTER: 100 micron reticulated poly foam.

FLOW RATE: 0.25 - .50 gpm

CAPACITY: *10,000+ gallons

pH RANGE: 2 - 8

*Must be intermittent use.



Technical Information

The pH+ is a self-regenerating pH increaser intended for use as an R/O polisher or for general purpose. It is constructed totally from FDA grade materials and media. The pH+ will deliver a neutral effluent from acidic feeds as low as pH 2. Low pH's require slower flow rates.

The pH+ is unique in that it has two pH increasing medias. One is an ion exchange resin that will only neutralize acids. The other is a sacrificial media that reacts well in a low pH environment but tends to over-correct when left standing. This over-correction serves to regenerate the ion exchange resin which, in turn, neutralizes the high pH over-correction in the process. It is important that this cartridge be used in intermittent flow applications to take advantage of its self-regenerating properties.

US Patent Pending