

## AQUALINE

### NRC+

#### NITRATE SELECTIVE 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:** Food grade nitrate selective anion exchange resin.

**PRE-FILTER:** 100 micron reticulated poly foam.

**FLOW RATE:** 0.5 - .75 gpm

**CAPACITY:** \*5000 gallons

**pH RANGE:** 5 - 9

\* Tested with 75 ppm nitrate influent to a 50% break in a 100 ppm sulphate ion background (all as CaCO<sub>3</sub>).

### Technical Information

The NRC+ is a brine regenerable drinking water cartridge constructed totally of FDA grade materials. It is selective for nitrates and can be used on raw well water. Nitrate reduction is 90 - 95% and breakthrough is not affected by sulphate levels.

The capacity of the NRC+ is 5000 ppm of nitrates as CaCO<sub>3</sub>. In high sulphate water, the NRC+ gives higher throughput than the NRC. To determine the capacity, first calculate the ppm of nitrates as CaCO<sub>3</sub>. Then divide that number into 5000 to get the gallons.

The NRC+ can be regenerated using sodium chloride brine.

