



Canadian Manufacturer

EXCALIBUR - FILTERMAX™ NITRATES FILTER



Quality through innovation





Filtermax™ Nitrates Filter

Nitrates are inorganic compounds that can contaminate well water supplies because of human activity, and can lead to negative health effects when consumed, especially in infants and children. Nitrates are both tasteless and odorless, so you won't be able to tell if this contaminant is present in your water supply unless you get it tested. The Filtermax™ Nitrates Filter from Excalibur Water Systems removes up to 100 parts per million (ppm) of nitrates, ensuring you have nitrate-free water throughout your entire home.



Removes up to 100 ppm of nitrates



Utilizes ion exchange



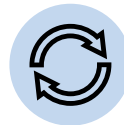
Low voltage 12 VAC utilizing less than \$3/year in electricity



High flow control valve to satisfy all household demands



Nitrates are absorbed by the filter media



Electronic timer for automatic regeneration

Part #	Flow Rate (gpm)	Pressure (psi)	Temperature (°F)	L x W x H (in)
EWS BTPNR1	8	40-110	40-110	10" x 18" x 56"
EWS BTPNR1.5	10	40-110	40-110	11" x 18" x 62"
EWS BTPNR2	12	40-110	40-110	13" x 18" x 60"

What are Nitrates?

Nitrate is a compound that is formed naturally when nitrogen combines with oxygen or ozone. Nitrate is a non-toxic compound, however, when it is reduced to nitrite by bacteria in the stomach, it can decrease the body's ability to transport oxygen. This can lead to many negative health effects, especially in infants and children. Long-term exposure to nitrates through your drinking water supply can cause:

- Methemoglobinemia (Blue Baby Syndrome)
- Increased heart rate/decreased blood pressure
- Stomach cramping/vomiting
- Gastrointestinal complications
- Increased risk of cancer



Where Do Nitrates Come From?

Nitrates can enter your water supply naturally, though high levels of nitrates are most often found in well water supplies due to human activity. Residential, industrial, and agricultural activities such as overuse of fertilizers and improper waste disposal can all cause nitrates to enter your water supply.

Choose Excalibur

The Filtermax™ Nitrates Filter is controlled by a computerized chip that is programmed with the levels of nitrates and continuously monitors water usage patterns. It economically regenerates only as needed, and ensures you have nitrate-free water throughout your entire home 24/7.

Note: All water hardness, iron and hydrogen sulphide must be removed prior to the Filtermax™ Nitrates Filter.

Contact Excalibur Water Systems today for a free water test!



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Authorized Dealer: