



NitraMAX

Water Softening and Filtration Systems



Whole-house effective treatment of:

- ◆ Nitrate/nitrite*
- ◆ Water hardness
- ◆ Iron**
- ◆ Sulfate*
- ◆ Perchlorate*

Features

- ◆ Natural, maintenance-free softening & nitrate removal to below 10ppm*
- ◆ Insulated tank design to eliminate condensation
- ◆ Postage pre-paid test bottles for the first year (included)
- ◆ Exclusive 5 year APM™ warranty
- ◆ “LS” models for nitrate only (no softening)

Nitrates are a worrisome contaminant. Usually the result of agricultural pollution (from fertilizers and animal waste), they can lead to serious health conditions, including “Blue Baby Syndrome” and potentially, cancer.

* Based on manufacturer's internal testing

** High iron concentrations may require additional equipment

*** See official warranty for details



NM-75 and NM-125 are certified by IAPMO R&T against NSF/ANSI 44, NSF/ANSI/CAN 61, and NSF/ANSI/CAN 372

Performance Data Sheet

These units are certified by IAPMO R&T to NSF-44 standards



NitraMAX Water Softening and Filtration Systems

Specifications	Softening + Nitrate		Nitrate-Only	
	NM-75	NM-125	NM-150-LS	NM-250-LS
MFG Rated Service Flow Rate (gpm) ¹	5	8	8	12
Pressure Drop at MFG Rated Service Flow Rate (psi)	4.0	7.1	9	15
Backwash Rate (gpm)	1.7	3.0	0.8	1.2
Softening Media (cu ft)	0.75	1.25	N/A	N/A
Nitrate Media (cu ft)	0.75	1.25	1.3	2.3
Maximum Combined Nitrate and Sulfate (Raw Water ppm)	100	100	100	100
Maximum Hardness (Raw Water Grains Per Gallon)	N/A	N/A	3	3
Standard Softening Capacity (grains) ²	19,415	32,359	N/A	N/A
Standard Capacity Salt Setting (lbs)	7.5	12.5	N/A	N/A
Maximum Nitrate Capacity (grains) ²	7,500	12,500	13,000	23,000
Maximum Softening Capacity (grains) ³	31,367	39,208	N/A	N/A
Maximum Iron Capacity (ppm)	2	2	0	0
Mineral Tank Dimensions (in)	10 x 54	13 x 54	10 x 54	13 x 54
Brine Tank Dimensions (in)	18 x 33	18 x 33	18 x 33	18 x 33
Brine Tank Salt Capacity (lbs)	300	300	300	300
Overall Height (in)	62	62	62	62
Inlet / Outlet Pipe Size (in) ⁴	1	1	1	1
Inlet / Outlet Height (to Center) (in)	56	56	56	56
Pipe Centers (in)	2	2	2	2
Regeneration Frequency	Metered/ 7 days	Metered/ 7 days	Metered/ 7 days	Metered/ 7 days
Drain Tubing Size (od)	5/8	5/8	5/8	5/8
Approx. Shipping Weight (lbs)	125	190	105	170

¹Maximum recommended flow rate for optimal Nitrate/Nitrite removal efficiency per manufacturer's internal testing only.

²The capacity rating is based on a salt setting of 10 lbs/cu ft. This setting is not certified by IAPMO R&T against NSF44 and the claim is coming from manufacturer's internal testing only.

³The capacity rating is based on a salt setting of 15 lbs/cu ft. This setting is not certified by IAPMO R&T against NSF44 and the claim is coming from manufacturer's internal testing only.

⁴Standard unit features 1" NPTF connection. Other connection configurations are available. Contact WCC for additional information.

*System operation pressure is 20 psi minimum and 100 psi maximum

*System operating temperature is 40°F minimum and 110°F maximum

*Contact WCC for a system recommendation if your water contains less than 7 gpg hardness and more than 50 ppm Nitrate + Sulfate combined.

NOTE:

- This equipment is not intended to be used for treating water that is microbiologically unsafe or of unknown quality without disinfection before or after the system.
- This system and installation must comply with local and state laws and regulations.
- The system conforms to NSF/ANSI 44 for the specific performance claims as Verified and substantiated by test data.

* WCC recommends the use of clean, pellet salt.

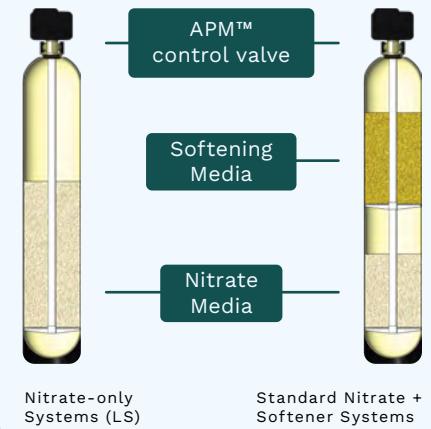
* See official warranty for details.



Nearly all serviceable parts lie within the removable/replaceable APM™ module. This eliminates costly and time consuming field repairs.



Primary components



Nitrate is a regulated contaminant and can cause illness or death. It is critical to test water no less than 2x per year (bi-annually) to ensure proper system operation. WCC offers this testing/verification for a small fee. Details are available at <https://watercontrolinc.com/nitramax-nitrate-removal/> or in the system operation and maintenance manual. (first 2 test bottles included with system.)



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