

Quality Products for Quality Water

NEC Series Water Softeners



Features

- State of the art, top-mounted control valve with optimum service and backwash flow rates.
- User friendly, solid-state microprocessor control with all push-button settings.
- Timeclock or Metered regeneration.
- Digital display of time of day, days until next regeneration, volume remaining, current flow rate, and total volume used (Totalizer).
- 12-volt output AC adapter provides a safe and easy installation.
- Corrosion resistant FRP resin tanks and polyethylene brine tanks.
- User-selected, Double-Backwash feature offers a more efficient regeneration and better resin cleaning.
- Soft water brine tank refill.
- Automatic Bypass during regeneration.
- Twin alternating systems available for continuous soft water supply (1-2" and 2" systems only).



For Restaurants

Dishes and glassware sparkle and linens and tablecloths will be cleaner and last longer when washed with soft water.



For the Car Wash

Soft water lengthens the life of water-using appliances. Softened water maintains energy efficiency allowing maximum performance and profits from your equipment.



For Schools

Students and Faculty will appreciate the benefits of soft water in the cafeteria and the locker room.



For Boiler Feed

Eliminate scale and increase energy efficiency.

Easily Eliminate Hard Water with the NEC Series

Hard water can make your life difficult. Hard water creates mineral scale deposits which can shorten the life of your pipes, water heater, washing machine, and dishwasher. Hard water deposits stain bathtubs and sinks, spot glasses and dishes, and leave your laundry looking dull and dingy.

Put an end to hard water mineral deposits with a Marlo water conditioner. The NEC series water softener removes calcium and magnesium, the hardness minerals, leaving your water softer, cleaner and user friendly. Soft water saves you money. It pays to enjoy the benefits of a Nancrede Engineering water softener.

Specifications

Catalog Model Number	Grains Capacity and Salt Dosages (Lbs.)		Pipe Size	Service Flow Rates		Backwash Flow Rate	Resin Load	Tank Sizes		Salt Storage Capacity	Dimensions Ins. (Single System)		
				Continuous	Peak			Softener	Brine		Length	Width	Height ^③
	Max.	Min.	In.	^① GPM	^② GPM	GPM	Cu. Ft.	In.	In.	Lbs.			
NEC - 1 - 1	30,000 15	20,000 6	1	15	20	2.0	1.0	9 x 48	18 x 33	290	33	18	56
NEC - 1/2 - 1	45,000 22.5	30,000 9	1	17	22	3.0	1.5	10 x 54	18 x 40	320	34	18	62
NEC - 2 - 1	60,000 30	40,000 12	1	20	25	3.5	2.0	12 x 52	18 x 40	320	36	18	60
NEC - 2 - 1/2			12	33	42			13 x 54					62
NEC - 3 - 1	90,000 45	60,000 18	1	21	26	5.0	3.0	14 x 65	18 x 40	270	38	18	73
NEC - 3 - 1/2			12	33	45								73
NEC - 4 - 1	120,000 60	80,000 24	1	22	27	6.0	4.0	16 x 65	24 x 40	550	46	24	73
NEC - 4 - 1/2			1/2	36	50								73
NEC - 4 - 2			2	41	53								73
NEC - 5 - 1	150,000 75	100,000 30	1	24	29	8.0	5.0	18 x 65	24 x 40	500	48	24	74
NEC - 5 - 1/2			1/2	40	54								74
NEC - 5 - 2			2	46	59								74
NEC - 6 - 1/2	180,000 90	120,000 36	1/2	44	60	12.0	6.0	21 x 62	24 x 50	650	51	24	71
NEC - 6 - 2			2	53	67								71
NEC - 10 - 1/2	300,000 150	200,000 60	1/2	45	60	15.0	10.0	24 x 72	24 x 50	450	54	24	81
NEC - 10 - 2			2	55	70								
NEC - 15 - 2	450,000 225	300,000 90	2	62	80	25.0	15.0	30 x 72	30 x 48	590	66	30	89

(1) At a 15 psi pressure loss. (2) At a 25 psi pressure loss. (3) Add 24" min. additional clearance for loading media.

Over the years, we have built a reputation as an industry standard for high quality water treatment systems and equipment.

Nancrede NEC Series Softeners reflect that overall commitment to excellence, and are fabricated using field tested designs with a proven record of service reliability.

Nancrede NEC Series Water Softeners are designed to fit the requirements of many types of commercial and light industrial applications such as Apartments, Motels, Office Buildings, Boiler Feed, Condominiums, Schools, Laundromats and Car Washes.

Operating Specifications

Inlet Pressure Range: 25–125 psi

Temperature Range: 40–110oF

Electrical (Supply) Rating: 120VAC/60Hz (US)
220VAC/50Hz (Optional)

Take a look at the advantages of using a NEC water softener:

Simplicity

Uncomplicated, straightforward valve and brine system design coupled with rugged corrosion resistant tank construction ensures years of trouble-free field operation.

Efficiency

Precision regeneration cycle increases salt efficiency and assures minimal water usage.

Low Maintenance

NEC Series Softeners are fabricated using high quality components to minimize maintenance requirements. If the need for service should arise, all valves, distributors, and operational components are easy to reach. All components are standard and readily available from stock.