



Industrial Water Softeners

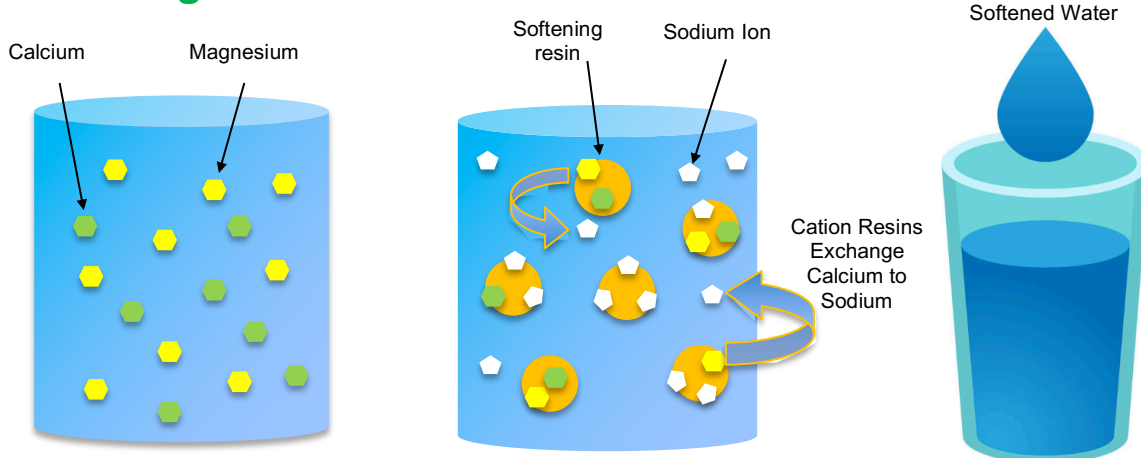
Designed for requirements and industries that require softened water from municipal, deep-well or surface waters sources. Softeners remove calcium and magnesium from water supplies that make water hard.

- FRP TANK SIZES 16 to 68 Inches
- CAPACITIES UP TO 1,626,000 GRAINS
- FLOW RATES UP TO 300 GPM
- PARALLEL SYSTEMS FOR FLOW RATES OVER 300 GPM
- 110-220V Single Phase 60hz
- MADE IN USA



Model NBWS	Flow Rate (GPM)	Softening Capacity (Grains)	Cation Resin (ft ³)	Softening Capacity Gal. (15 gpg)	Tank Size (inches)	Valve Inlet Outlet Size	Brine Size (Liters)	Brine Capacity (kgs)
Cation Resin Water Softeners - Removal of Calcium & Magnesium (Hard Water)								
NBWS-WS-1665-1	20	75,000	3	5,000	16 x 65	1"	350	400
NBWS-WS-1865-15	25	125,000	5	8,000	18 x 65	1.5"	350	400
NBWS-WS-1865-20	30	125,000	5	8,000	18 x 65	2"	350	400
NBWS-WS-2165-15	35	200,000	8	13,000	21 x 65	1.5"	350	400
NBWS-WS-2165-20	40	200,000	8	13,000	21 x 65	2"	350	400
NBWS-WS-2472-20	50	250,000	10	16,000	24 x 72	2"	700	800
NBWS-WS-2472-30	60	250,000	10	16,000	24 x 72	3"	700	800
NBWS-WS-3672-20	80	500,000	20	30,000	36 x 72	2"	1000	800
NBWS-WS-3672-30	100	500,000	20	30,000	36 x 72	3"	1000	800
NBWS-WS-4872-20	150	750,000	30	50,000	48 x 72	2"	1000	800
NBWS-WS-4872-30	175	750,000	30	50,000	48 x 72	3"	1000	800
NBWS-WS-6386-20	200	1,250,000	50	80,000	63 x 86	2"	2000	1600
NBWS-WS-6386-30	250	1,250,000	50	80,000	63 x 86	3"	2000	1600
NBWS-WS-6386-40	300	1,625,000	65	100,000	63 x 86	4"	2000	1600

Ion Exchange Process



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Softener Specification Sizing

Selecting the correct softener is vital to an operation. The proper system for a requirement is based on the following:

- Maximum flow rate
- Supply pressure (psi)
- Average daily water consumption (ADWC)
- Quality from water supply i.e. Total Hardness and TDS (Total Dissolved Solids)

NBWS-WS-3673-3 Water Softening system



Individual Customer Specifications

Every project and requirement is different. For customized solutions tailored to individual specifications; feel free to contact a customer care representative. Our team of engineers are available to help design a system for a customer's individual requirement.