

## Water Softener Salt

- Pkg. qty.: 1 bag
- Pack unit of measure: each
- Ship in pallet quantity (see Grainger.com for pallet quantities)

Softener salt neutralizes acid and removes minerals and scale buildup in water to extend the life of fixtures, pipes, and appliances, and resist bridging and musing in the brine tank. Larger cubes are less likely to clump together compared to smaller salt crystals.

**Crystal Form**—Softener crystals help minimize tank residue and are made by evaporating salt water in shallow outdoor ponds. These crystals offer a natural option for softening hard water.

**Pellet-Formed**—Pellets or pillows form when smaller salt granules are compacted together. These larger salt pellets are less susceptible to clumping than smaller salt crystals.

**Cube-Formed**—Cubes form when smaller salt crystals are compacted together for extra hardness. The larger salt cubes help prevent salt from clumping in water softener tanks.

**Pellet-Formed Salt with Iron Fighter Additives**—Salt pellets have additives that soften water with high-iron content. They are pillow shaped and help prevent stains on laundry, fixtures, tubs, and sinks.

**Cube-Formed with Iron Fighter Additives**—Salt cubes soften water with high-iron content. They have a compacted shape for extra hardness and prevent stains on fixtures, sinks, tubs, and laundry.



**Crystal Form  
52ZX55**



**Pellet-Formed  
42DA14**



**Cube-Formed  
36JP55**



**Pellet-Formed w/ Iron  
Fighter Additives  
53WX15**



**Cube-Formed  
w/ Iron Fighter  
Additives  
52ZX54**

Description	Container Size	Mfr. Model	Item No.
Crystal Form	50 lb	100012455	52ZX55
Pellet-Formed	40 lb	100012407	42DA14
	50 lb	6141550	42DA15
Cube-Formed	50 lb	100012409	36JP55
Pellet-Formed w/ Iron Fighter Additives	40 lb	100012408	53WX15
Cube-Formed w/ Iron Fighter Additives	50 lb	100012467	45CL36
	50 lb	100012432	52ZX54



**4EVZ3**

## Water Analysis Test Strips

Monitor water without reagents or full field kits. Use for drinking water, food/beverage processing, and pool/spa water monitoring.

Testing Parameter	Range (ppm)	Brand	Item No.	Pkg. Qty.
Chlorine	10/50/100/200	LaMotte	4EWC7	200
Chlorine Dioxide	0/10/25/50/100/250/500	LaMotte	4EVX3	50
Chlorine Dioxide Low Range	0/0.25/0.5/1/3/5/10	LaMotte	4VEZ8	50
Free Chlorine	0/0.5/1/3/10	LaMotte	4EVZ5	25
Free Chlorine	0/50/100/250/500/800	LaMotte	4EVX4	50
Free Chlorine, pH, Total Alkalinity, Total Chlorine, Total Hardness	pH: 6.2/6.8/7.2/7.8/8.4, Total Alkalinity: 0/40/80/120/180/240, Total and Free Chlorine: 0/0.5/1/2/4/10, Total Hardness: 0/25/50/120/250/425	Industrial Test Systems	3UCX5	50
Hardness Low Range	0/30/60/120/180	LaMotte	4EVU5	50
Hydrogen Peroxide	0/15/30/50/90	LaMotte	4EVU6	25
Hydrogen Peroxide, Low	0/1/3/10/30/50	LaMotte	3UEE2	25
Nitrate	0/5/10/25/50	LaMotte	4EVU9	50
Peracetic Acid	0/10/20/50/85/160	LaMotte	4EVX2	50
Peracetic Acid Low Range	0/5/10/30/50	LaMotte	4EVZ9	50
OAC	200/400/600/1000/1500	LaMotte	4EVZ3	50
OAC	50/100/200/400	LaMotte	4EVU1	100
Total Chlorine	0/0.5/1/3/5	LaMotte	4EVU3	50
Total Chlorine	0/0.25/0.5/1/3/5/10	LaMotte	4EVZ4	25

## Water Softeners

Water softeners use an ion exchange process to convert hard water into soft water by reducing mineral content. Hard water inhibits the effectiveness of laundry detergents, soaps, and shampoos and can cause bathtub rings and spots on glassware. **Multi-Tank** units include separate resin and brine tanks that work in tandem to soften water.

**Commercial Multi-Tank**—Built for commercial use, they withstand constant use in hotels, restaurants, and large institutional facilities.

**Residential Multi-Tank**—These tanks connect by a fill tube and include a discharge tube to flush out excess brine water.

**Residential Single-Tank**—These systems consist of a resin tank and a brine tank in one cabinet for residential use. Single tanks have a smaller footprint than multi-tank softeners. These tanks use sensing technology to indicate softener efficiency while minimizing salt and water usage.

### WATER SOFTENER CHEMICALS

**Iron & Rust Removers**—Remove rust and other ferrous debris from the internal components of a water softener.

**Scale Inhibitor**—Increases water treatment system efficiency by reducing the amount of scale in the system.

**Water Neutralizer**—Helps keep water system parameters within acceptable levels by moderating the pH level of the system or by introducing organic reactants to remove contaminants.

**Drip Irrigation System**—Metering pump system automatically injects solution from the feeder tank into an irrigation system.

Note: We recommend that water be analyzed before selecting water treatment equipment.



**Commercial Multi-Tank  
490R11**

**Residential Multi-Tank  
54EJ98**



**Residential Single-Tank  
490R05**



**52FW9**

Pipe Size	Single Tank Maximum Grain Capacity	Resin Tank Size	Single Tank Max. Resin Cap. (cu. ft.)	Brine Tank Size	Brine Tank Cap. (lb.)	Single Tank Max. Flow Rate Scale (gpm)	Single Tank Regeneration Water Used	Mr. Model	Item No.
Commercial Multi-Tank Water Softeners, NORTH STAR									
1 Resin Tank; 1 Brine Tank									
1 in	71,000	12¾ in x 54 in	2	17 in x 38½ in	340	15	108 gal	PA071S	490R11
	99,000	17¾ in x 59½ in	3	24 in x 50½ in	1,000	20	166 gal	PA101S	490R07
	132,000	17¾ in x 59½ in	4	24 in x 50½ in	1,000	20	180 gal	PA131S	490R12
2 in	132,000	17 in x 58 in	4	24 in x 50 in	1,000	40	166 gal	PA132S	490R09
	330,000	24 in x 72 in	10	31 in x 51 in	1,500	70	332 gal	PA322S	490R06
2 Resin Tank; 1 Brine Tank									
1 in	71,000	12¾ in x 54 in	2	17 in x 38½ in	340	15	108 gal	PA071D	490R13
2 in	330,000	24 in x 72 in	10	31 in x 51 in	1,500	70	332 gal	PA322D	490R16
Residential Multi-Tank Water Softeners, 3M									
1 Resin Tank; 1 Brine Tank									
¼ in	56,800	10 in x 54 in	2	15 in x 34 in	160	27	78 gal	3MWTS200-125	54EJ99
1 in	43,000	10 in x 44 in	1.5	15 in x 34 in	160	27	77 gal	3MWTS150	54EJ98
Pipe Size	Single Tank Maximum Grain Capacity	Single Tank Max. Resin Cap. (cu. ft.)	Overall Height	Overall Width	Overall Depth	Single Tank Max. Flow Rate (gpm)	Mr. Model	Item No.	
Residential Single-Tank Water Softeners, NORTH STAR									
1 in	22,100	0.65	47¾ in	16½ in	19¾ in	7.2	NSC22	490R03	
	31,300	0.81	47¾ in	16½ in	19¾ in	7.2	NSC31	490R04	
	42,100	1.2	48 in	17 in	21 in	9.9	NSC42	490R05	
Description					Removes		Container Size	Item No.	
Water Softener Chemicals									
Iron & Rust Removers, PRO PRODUCTS									
Feeder Dispenser						Calcium	1 oz	25FL87	
Potassium Permanganate						Iron, Manganese	28 oz	29JA66	
Res Care Liquid Resin Cleaning Solution						Calcium	1 qt	52FX1	
Rust Out						Iron, Rust Build Up	22 oz	52FW9	
Softener Mate All-Purpose Water Softener Cleaner						Iron, Manganese, Metal, Silt	1.5 lb	52FX0	
Scale Inhibitors, PENTAIR/EVERPURE									
SCALEKLEEN						Scale	2.2 lb	5WFH0	
Water Neutralizers, NEUTRA 7									
Prevents Corrosion						—	7 lb	41N527	
Drip Irrigation System, PRO PRODUCTS									
Injection Feeder System						—	—	39AP34	