

COMMERCIAL WATER SOFTENERS



TECH SERIES TWIN ALTERNATING SOFTENERS (1 INCH FULLY PORTED VALVING)



NOTE: This system is available as a twin alternating system only. A twin parallel configuration is not an option.

SWT's Tech Series Twin Alternating System provides continuous soft water all day. Everyday! One tank is always in service, while the other tank is in regeneration or standby. Plus, the system backwashes with softened water to eliminate hardness carryover. Tech systems feature the newest in computer monitoring technology for maximized efficiency, and SWT's Cyclonic Distributor System™ to provide full bed contact, less channeling, and superior backwashing (see reverse side).

- **100% corrosion-free** system
- **Energy efficient controller** uses less than \$5.00 of electricity per year
- **Optional double backwash feature** offers optimum regeneration, cleaning ability, and efficiency
- **Downflow or upflow** brining regeneration
- **10 year warranty** on tanks, **5 year warranty** on valves
- All units include **internal bypass, brine tank, and (2) brine pickups with air check assembly**
- **Safety floats and chrome finish tank jackets** available
- **Made in USA**

Computer Metered Systems with Professional Level Programming

Part Number	Tank Size Inches	Softening Capacity * Grains / Lbs. of Salt			System Service Flow Rate		Max. Valve Flow Rate @ 15 psid	Standard Connection Size
		6 lbs / cu.ft.	10 lbs / cu.ft.	15 lbs / cu.ft.	Standard	Peak		
WSCEETA-100	9 x 48	23,800	30,200	34,400	5 GPM	10 GPM	27 GPM	1 inch Brass Sweat
WSCEETA-150	10 x 54	35,700	45,300	51,600	7.5 GPM	15 GPM	27 GPM	1 inch Brass Sweat
WSCEETA-200	12 x 52	47,600	60,400	68,800	10 GPM	20 GPM	27 GPM	1 inch Brass Sweat
WSCEETA-250	13 x 54	59,500	75,500	86,000	12.5 GPM	25 GPM	27 GPM	1 inch Brass Sweat
WSCEETA-300	13 x 65	71,400	90,600	103,200	15 GPM	27 GPM	27 GPM	1.25 inch Brass Sweat
WSCEETA-350	14 x 65	83,300	105,700	120,400	17.5 GPM	27 GPM	27 GPM	1.25 inch Brass Sweat
WSCEETA-400	16 x 65	95,200	120,800	137,600	20 GPM	27 GPM	27 GPM	1.25 inch Brass Sweat
WSCEETA-500	18 x 65	119,000	151,000	172,000	25 GPM	27 GPM	27 GPM	1.25 inch Brass Sweat
WSCEETA-700	21 x 62	166,600	211,400	240,800	27 GPM	27 GPM	27 GPM	1.25 inch Brass Sweat

* Operating capacities based on influent of 400 ppm as CaCO₃ with a ratio of 2 parts calcium to 1 part magnesium at 2.0 gpm/cu.ft. flow rate. Capacities include 10% safety factor.

Operating Pressure: 20 to 125 psi **Operating Water Temperature:** 40 to 110°F

Valve Service Cv = 7.28

Applications: RO pretreatment; restaurants; spraying systems; laundromats; car washes, boiler feed

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OPTIONAL CHROME TANK JACKET



No unsightly exposed tank neck

Durable textured black cover

Made of high-impact polystyrene for exceptional strength and durability

Fully insulated to add protection to the tank and eliminate condensation

Attractive high gloss chrome finish

Light weight and easy to install

Resists UV degradation

Options

TANK JACKETS

Chrome Tank Jacket, 9 x 48 inch
(P/N RG-TJ0948EC)

Chrome Tank Jacket, 10 x 54 inch
(P/N RG-TJ1054EC)

Chrome Tank Jacket, 12 x 52 inch
(P/N RG-TJ1252EC)

BRINE TANKS SUBSTITUTIONS (BY REQUEST)

Brine Tank, 18 x 33 inch, Black

Brine Tank, 18 x 40 inch, Black

FITTINGS SUBSTITUTIONS (BY REQUEST)

1 inch PVC Male NPT Elbow Assembly

3/4 x 1 inch PVC Solvent Elbow Assembly

3/4 inch Brass Sweat Assembly LF

1.25 inch Plastic Male NPT Assembly

1 inch Plastic Male BSPT Assembly

1.25 & 1.5 inch PVC Solvent Assembly

1.25 inch Plastic Male BSPT Assembly

1.25 & 1.5 inch Brass Sweat Assembly LF

3/4 inch SharkBite® Assembly LF

1 inch SharkBite® Assembly LF

3/4 inch Plastic Male BSPT Assembly

3/4 inch John Guest® Elbow Assembly

1 inch PVC Male BSPT Elbow Assembly

1 inch John Guest® Straight Assembly

Vertical 90 degree Adapter Assembly

Grid plates and alternate packaging for individual shipment are also available. Call for details.

Notes:

A black 15 x 17 x 33 inch brine tank with injection molded lid is standard. Substitutions are available on request. See "Options" above.

Brass sweat installation fittings are standard on all units. Substitutions are available on request. See "Options" above.

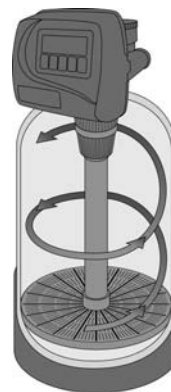
All units are supplied with ProSoft™ Premium 8% crosslink resin. Resin substitutions are available on request at extra cost.

Resin ratings are as follows:

	CROSSLINK	CaCO ₃ CAP @ 15 lbs./cu.ft.
ProSoft™ Gold	7%	32,000
ProSoft™ Premium	8%	33,000
ProSoft™ Fine Mesh	8%	34,600
ProSoft™ Heavy Duty	10%	35,600
ProSoft™ High Porosity	12%	28,000

In basic terms, crosslinkage refers to the resin beads' physical strength or ability to withstand chemical attack from chlorine, resin bed cleaners, and caustics used in DI applications.

SWT's Water Treatment Systems Include CYCLONIC DISTRIBUTOR SYSTEM™



- Up to 30% less backwash flow rate is required...conserving water for the customer.
- Distributor plate is designed for more than 6,500 lbs load capacity.
- Reduces system pressure loss while increasing flow and efficiency through the bed.
- Available for 7, 8, 9, 10, 12, 13, 14, and 16 inch systems.

This environmentally friendly design offers the most efficient service and backwashing characteristics available — reducing the amount of water to drain in backwash, while increasing the overall filtration capacity of a system.