

STERLING

WATER TREATMENT

- *Twin tanks provide continuous soft water*
- *15% savings in both water and salt*
- *Only pennies per day to operate*

PTS1 Series

**Electronic Twin Tank Water Softener
Commercial/Residential**



Water Softening Process:

Hard water enters the tank in service. As it passes through the resin, the hard water ions are attracted to the resin. By the time the water gets to the bottom of the tank, it's soft.

Regeneration Process:

When the resin becomes saturated with hard water ions, the tank goes into regeneration. Brine water is injected into the tank and rinses the hard water ions off the resin and down the drain. Once the resin is free of the hard water ions, fresh, soft water rinses all the brine out, leaving the tank ready for service.



Twin tanks provide continuous soft water:

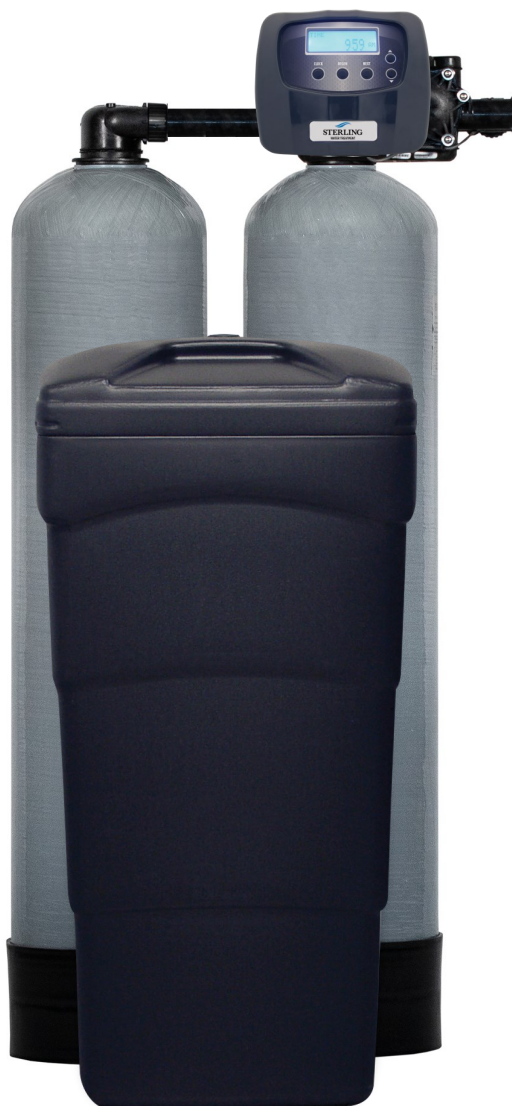
With the Sterling electronic twin-tank softener system businesses/homes benefit from soft water 24 hours a day, seven days a week. Should your demand for soft water suddenly spike - for instance, from unexpected demand - the second tank of softened water is there as a backup, with an innovative quick connection for seamless switching between the tanks. Why is soft water so critical to businesses in the first place? Hard minerals in the water can clog plumbing lines, negatively affecting product taste and/or performance. Without soft water more soap and other additives are required to achieve desired results, and stains and mineral residue are common.



PTS1 SERIES

PTS1 Specifications

Model Number	Grain Capacity (per tank)		Type of Regeneration	Flow Rate (gpm)				Pipe Size
	Max.	Std.		Min.	Service	Peak	Backwash	
PTS1-30	30,000	24,000	Meter	0.25	8	18	2.2	3/4" & 1"
PTS1-45	45,000	36,000		0.25	12	18	2.7	
PTS1-60	60,000	48,000		0.25	14	23	3.2	
PTS1-75	75,000	60,000		0.25	18	22	4.2	
PTS1-90	90,000	72,000		0.25	19	23	5.3	



Dimensions				
Model Number	Overall Dimensions			Brine Tank H x W
	D	W	H	
PTS1-30	18"	48"	56"	18" x 33"
PTS1-45	18"	49"	62"	18" x 33"
PTS1-60	18"	51"	56"	18" x 33"
PTS1-75	18"	53"	62"	18" x 33"
PTS1-90	23"	62"	74"	23" x 42"

