

Standard Features

- Epoxy painted carbon steel tank
- PVC Surface Piping
- PLC control panel
- PE brine tank
- Pneumatic actuated butterfly valves
- Flow control regeneration
- Octopus diffuser (ST1800-ST2800)
- Mushroom diffuser on platform (ST4400-ST6300)
- Cationic softening resin



Optional Features

- Stainless steel tank
- Electric actuated butterfly valves
- Touch screen panel
- Galvanized surface piping

How It Works?

Dublex water softening systems contain two parallel resin tanks and PLC panel controls the actuator valves. Saturated resin tank automatically regenerates itself. The advantage of dublex water softening systems is that it can supply soft water 24 hours a day without interruption. The brine solution is needed during the regeneration is prepared automatically.

Operating conditions

- Working pressure: 2 - 6 bar
- Working temperature: 2 - 38 °C
- Power supply: 220 V / 1 phase / 50 Hz
- For pneumatic actuator valves min. air flow 100 l / min @ 8 bar

ST 400 SERIE DUBLEX WATER SOFTENERS TECHNICAL SPECIFICATIONS

Model	Flowrate m3/hour			Capacity (m ³ xFr)	Mineral Qty (lt)	Salt consump (kg)	Dimension	Connection
	Avg.	Max.	Backwash				D x H (cm)	
ST 1800/S125 PA	37	50	18	10800	2 x 1800	288	125 x 312	3" DN80
ST 2800/S160 PA	60	85	30	16800	2 x 2800	448	160 x 335	4" DN100
ST 4400/S200 PA	95	135	47	26400	2 x 4400	704	200 x 355	5" DN125
ST 6300/S240 PA	135	180	67	37800	2 x 6300	1008	240 x 375	6" DN 150

