

Standard Features

- PVC Surface Piping
- FRP mineral tank
- PLC control panel
- PE brine tank
- Pneumatic actuated butterfly valves
- Flow control regeneration
- Diffuser set
- Cationic softening resin

Optional Features

- Electric actuated butterfly valves
- Touch screen panel



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 300 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 | | | | DxH (cm) | D"xH" | |
| ST 450/P30 PA | 13,2 | 20 | 7,0 | 2700 | 2 x 450 | 72 | 77x205 | 30x72 | 2" |
| ST 600/P36 PA | 19,5 | 27 | 10,2 | 3600 | 2 x 600 | 96 | 93x215 | 36x72 | 2"1/2 |
| ST 800/P42 PA | 27 | 36 | 13,5 | 4800 | 2 x 800 | 128 | 107x240 | 42x72 | 2"1/2 |
| ST 1200/P48 PA | 34 | 45 | 17,5 | 7200 | 2 x 1200 | 192 | 122x240 | 48x72 | 3" |
| ST 1800/P63 PA | 60 | 80 | 30 | 10800 | 2 x 1800 | 288 | 160x250 | 63x86 | 4" |

