

bimaks

**SURFACE PIPED SINGLE SOFTENING SYSTEMS
WITH FRP TANK**



**EPOXY PAINTED ST-37 TANK WITH SURFACE PIPING
SINGLE SOFTENING SYSTEMS**



**SURFACE PIPED TANDEM SOFTENING SYSTEMS
WITH FRP TANK**



**EPOXY PAINTED ST-37 TANK SURFACE PIPED
TANDEM SOFTENING SYSTEMS**





STANDARD SPECIFICATIONS

- WCY brand FRP tank
- Aqualine brand cationic resin
- Maximum working pressure 6 bar
- Butterfly valves with electric actuator (There is no price difference in case of pneumatic actuator.)
- Bottom collection structure octopus diffuser
- PVC-U material surface piping (on epoxy painted chassis)
- Sample taps and manometers at system inlet and outlet
- Electronic card control panel
- Electricity 220V / 50 Hz / 1 pH
- 160 gr salt consumption is accepted for 1 Lt resin
- Resin capacity 6000 Fr / litre resin is accepted
- Supply of dry instrument air required for the operation of pneumatic valves belongs to the customer
- Recommended compressor capacity is minimum 100 Lt / min @ 8 bar

SURFACE PIPED SINGLE SOFTENING SYSTEMS WITH FRP TANK

MODEL	TANK DIMENSIONS (mm) (Diameter x Htop)	CONNECTION DIAMETERS (DN) SERVICE-DRAINAGE-SALT SUCTION	FLOW (m ³ /hour)	SALT CONSUMPTION (kg/rej.)	RESIN (lt)	QUARTZ (kg)
S-3072	775 x 2050	50 - 50 - 25	20	80	500	125
S-3672	975 x 2150	65 - 50 - 25	30	120	750	200
S-4272	1075 x 2400	65 - 50 - 25	36	144	900	225
S-4872	1225 x 2400	80 - 50 - 40	48	182	1200	350
S-6386	1600 x 2500	80 - 50 - 40	55	224	1400	750

EPOXY PAINTED ST-37 TANK WITH SURFACE PIPING SINGLE SOFTENING SYSTEMS

Minerals

MODEL	TANK DIMENSION S (mm)	CONNECTION DIAMETERS (DN- FLANGE) SERVICE- DRAINAGE-SALT SUCTION	FLOW (m ³ /hour)	SALT CONSUMPTIO N (kg/rej.)	RESIN (lt)	QUARTZ (kg)
S-1215	1250 x 2650	80 - 50 - 40	50	200	1250	600
S-1615	1600 x 2850	100 - 50 - 40	70	455	1750	900
S-1620	1600 x 3350	100 - 80 - 50	100	400	2500	300
S-2015	2000 x 3050	125 - 80 - 50	125	504	3150	500
S-2020	2000 x 3550	125 - 80 - 50	150	608	3800	500
S-2415	2400 x 3250	150 - 80 - 50	180	720	4500	700

STANDARD SPECIFICATIONS

- Epoxy painted carbon steel tank
- Aqualine brand cationic resin
- Maximum working pressure 6 bar
- System is flow controlled
- Butterfly valves with electric actuator (There is no price difference in case of pneumatic actuator.)
- S-1215 and S-1615 sub-collection structure octopus diffuser
- S-1620, S-2015, S-2020 and S-2415 sub-collection structure mushroom diffuser on mirror
- PVC-U material surface piping (Optional galvanised surface piping option)
- Sample taps and manometers at system inlet and outlet
- Electronic card control panel
- Electricity 220V / 50 Hz / 1 pH
- 160 gr salt consumption is accepted for 1 Lt resin
- Resin capacity 6000 Fr / litre resin is accepted
- Supply of dry instrument air required for the operation of pneumatic valves belongs to the customer. Recommended compressor capacity is minimum 100 Lt/min @ 8 bar
- In softening systems, it is recommended to cover the inner surfaces of the tank with GRP



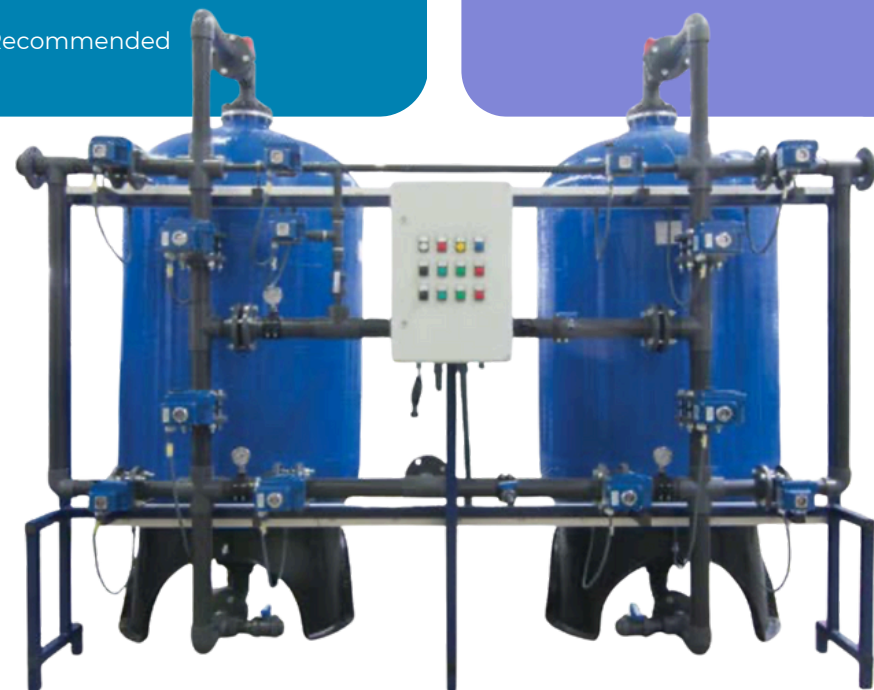
TANDEM SOFTENING SYSTEMS WITH FRP TANK AND SURFACE PIPING

STANDARD SPECIFICATIONS

- WCY brand FRP tank
- Aqualine brand cationic resin
- Maximum working pressure 6 bar
- Butterfly valves with electric actuator (There is no price difference in case of pneumatic actuator.)
- Sub-collection structure octopus diffuser
- PVC-U material surface piping (on epoxy painted chassis)
- Sample taps and manometers at system inlet and outlet
- Electronic card control panel
- Electricity 220V / 50 Hz / 1 pH
- 150 gr salt consumption is accepted for 1 Lt resin
- Resin capacity 6000 Fr / litre resin is accepted
- Supply of dry instrument air required for the operation of pneumatic valves belongs to the customer. Recommended compressor capacity is minimum 100 Lt/min @ 8 bar

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MODEL	TANK DIMENSIONS (mm) (Diameter x Htop)	CONNECTION DIAMETERS (DN) Service - Drainage - Salt Suction	FLOW (m ³ /hour)	SALT CONSUMPTION (kg/rej.)	RESIN (lt)	QUARTZ (kg)
ST-3072	775 x 2050	50 - 50 - 25	20	75	500x2	125x2
ST-3672	975 x 2150	65 - 50 - 25	30	113	750x2	200x2
ST-4272	1075 x 2400	65 - 50 - 25	36	135	900x2	225x2
ST-4872	1225 x 2400	80 - 50 - 40	48	180	1200x2	350x2
ST-6386	1600 x 2500	80 - 50 - 40	55	270	1400x2	750x2
ST-6386-L	1600 x 2500	100 - 50 - 40	70	455	1750x2	900x2



EPOXY PAINTED ST-37 TANK SURFACE PIPED TANDEM SOFTENING SYSTEMS

MODEL	TANK DIMENSIONS (mm) (Diameter x H x on)	CONNECTION DIAMETERS (DN) Service - Drainage - Salt Suction	FLOW (m ³ /hour)	SALT CONSUMPTION (kg/rej.)	Minerals	
					RESIN (lt)	QUARTZ (kg)
ST-1215	1250 x 2650	80 - 50 - 40	50	200	1250x2	600x2
ST-1615	1600 x 2850	100 - 50 - 40	70	455	1750x2	900x2
ST-1620	1600 x 3350	100 - 80 - 50	100	400	2500x2	300x2
ST-2015	2000 x 3050	125 - 80 - 50	125	504	3150x2	500x2
ST-2020	2000 x 3550	125 - 80 - 50	150	608	3800x2	500x2
ST-2415	2400 x 3250	150 - 80 - 50	180	720	4500x2	700x2



STANDARD SPECIFICATIONS

- Epoxy painted carbon steel tank
- Aqualine brand cationic resin
- Maximum working pressure 6 bar
- Butterfly valves with electric actuator (There is no price difference in case of pneumatic actuator.)
- ST-1215 and ST-1615 sub collection structure octopus diffuser
- ST-1620, ST-2015, ST-2020 and ST-2415 sub-collection structure mushroom diffuser on the mirror
- PVC-U material surface piping (Optional galvanised surface piping option)
- Sample taps and manometers at system inlet and outlet
- Electronic card control panel
- Electricity 220V / 50 Hz / 1 pH
- 160 gr salt consumption is accepted for 1 Lt resin
- Resin capacity 6000 Fr / litre resin is accepted
- Dry instrument air supply required for the operation of pneumatic valves belongs to the customer. Recommended compressor capacity is minimum 100 Lt/min @ 8 bar
- In softening systems, it is recommended to cover the inner surfaces of the tank with GRP



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