

AUTOMATIC

SINGLE SOFTENER SYSTEMS

In Automatic Multimedia Filter Systems are using FRP tanks.



AQUALINE RESIN



INDION RESIN



APPLICATION SCHEME

SINGLE SOFTENER

Water softening process is a typical ion exchange method. Ion exchange is accomplished by passing water having suitable velocity through the resin bed and Na^+ inside the resin will be exchanged with Ca^{2+} and Mg^{2+} in the inlet water that cause hardness. After certain amount of time or quantity of water passed through resin media, resin particles are completely covered with hardness minerals. At this time a regeneration step is required to continue softening process. In regeneration step, brine solution will be given over the resin, calcium (Ca^{2+}) and Magnesium (Mg^{2+}) ions leave the resin and sodium (Na^+) ions again combine to resin due to affinity and the resin will be ready for the next service.

MORE INFO



FOBRITE VALVES



F15



F21



F41

AUTOMATIC SINGLE SOFTENER SYSTEMS

MODEL	TANK SIZE	SYSTEM CON.	SERVICE FLOW m ³ /hour Max Speed = 40m ³ /m ³ -resin.hour	MINERAL RESIN (lt)
FOBRITE F11 SOFTENER VOLUMETRIC VALVE (OPEN CABINET)				
SC - 8	8" x 17"	1"	0,32	8
SC - 15	7" x 35"	1"	0,6	15
SC - 20	8" x 35"	1"	0,8	20
SC - 25	9" x 35"	1"	1	25
SC - 30	10" x 35"	1"	1,2	30
FOBRITE F11 SOFTENER VOLUMETRIC VALVE (SWAN CABINET)				
SC - 8	8" x 17"	1"	0,32	8
SC - 15	7" x 35"	1"	0,6	15
SC - 20	8" x 35"	1"	0,8	20
SC - 25	9" x 35"	1"	1	25
SC - 30	10" x 35"	1"	1,2	30
FOBRITE E14 SOFTENER VOLUMETRIC VALVE (DIGITAL) (OPEN CABINET)				
SC - 8	8" x 17"	1"	0,32	8
SC - 15	7" x 35"	1"	0,6	15
SC - 20	8" x 35"	1"	0,8	20
SC - 25	9" x 35"	1"	1	25
SC - 30	10" x 35"	1"	1,2	30
FOBRITE E14 SOFTENER VOLUMETRIC VALVE (DIGITAL) (SWAN CABINET)				
SC - 8	8" x 17"	1"	0,32	8
SC - 15	7" x 35"	1"	0,6	15
SC - 20	8" x 35"	1"	0,8	20
SC - 25	9" x 35"	1"	1	25
SC - 30	10" x 35"	1"	1,2	30
FOBRITE F11 SOFTENER VOLUMETRIC VALVE				
S - 8	8" x 17"	1"	0,32	8
S - 15	7" x 35"	1"	0,6	15
S - 20	8" x 35"	1"	0,8	20
S - 25	9" x 35"	1"	1	25
S - 30	10" x 35"	1"	1,2	30
S - 50	10" x 54"	1"	2	50
S - 60	12" x 48"	1"	2,4	60

AUTOMATIC SINGLE SOFTENER SYSTEMS

MODEL	TANK SIZE	SYSTEM CON.	SERVICE FLOW m ³ /hour Max Speed = 40m ³ /m ³ -resin.hour	MINERAL RESIN (lt)
FOBRITE E14 SOFTENER VOLUMETRIC VALVE (DIGITAL)				
S - 8	8" x 17"	1"	0,32	8
S - 15	7" x 35"	1"	0,6	15
S - 20	8" x 35"	1"	0,8	20
S - 25	9" x 35"	1"	1	25
S - 30	10" x 35"	1"	1,2	30
S - 50	10" x 54"	1"	2	50
S - 60	12" x 48"	1"	2,4	60
FOBRITE F15 SOFTENER VOLUMETRIC VALVE				
S - 50	10" x 54"	1"	2	50
S - 60	12" x 48"	1"	2,4	60
S - 80	13" x 54"	1"	3,2	80
S - 100	14" x 65"	1"	4	100
S - 150	16" x 65"	1"	6	150
S - 200	18" x 65"	1"	6	200
S - 250	21" x 62"	1"	6	250
S - 300	24" x 72"	1"	6	300
FOBRITE T10 SOFTENER VOLUMETRIC VALVE (DIGITAL)				
S - 50	10" x 54"	1 1/4"	2	50
S - 60	12" x 48"	1 1/4"	2,4	60
S - 80	13" x 54"	1 1/4"	3,2	80
S - 100	14" x 65"	1 1/4"	4	100
S - 150	16" x 65"	1 1/4"	6	150
S - 200	18" x 65"	1 1/4"	6	200
S - 250	21" x 62"	1 1/4"	6	250
S - 300	24" x 72"	1 1/4"	6	300
FOBRITE T15 SOFTENER VOLUMETRIC VALVE (DIGITAL)				
S - 100	14" x 65"	1 1/2"	4	100
S - 150	16" x 65"	1 1/2"	6	150
S - 200	18" x 65"	1 1/2"	8	200
S - 250	21" x 62"	1 1/2"	9	250
S - 300	24" x 72"	1 1/2"	9	300
S - 500	30" x 72"	1 1/2"	9	500

AUTOMATIC SINGLE SOFTENER SYSTEMS

MODEL	TANK SIZE	SYSTEM CON.	SERVICE FLOW m ³ /hour Max Speed = 40m ³ /m ³ -resin.hour	MINERAL RESIN (lt)
FOBRITE F21 SOFTENER VOLUMETRIC VALVE				
S - 100	14" x 65"	1 1/2"	4	100
S - 150	16" x 65"	1 1/2"	6	150
S - 200	18" x 65"	1 1/2"	8	200
S - 250	21" x 62"	1 1/2"	10	250
S - 300	24" x 72"	1 1/2"	11,6	300
S - 500	30" x 72"	1 1/2"	11,6	500
FOBRITE F31 SOFTENER VOLUMETRIC VALVE				
S - 250	21" x 62"	2"	10	250
S - 300	24" x 72"	2"	12	300
S - 500	30" x 72"	2"	20	500
FOBRITE F41 SOFTENER VOLUMETRIC VALVE				
S - 300	24" x 72"	2"	12	300
S - 500	30" x 72"	2"	20	500
S - 750	36" x 72"	2"	21	750
S - 900	42" x 72"	2"	21	900
FOBRITE F51 SOFTENER VOLUMETRIC VALVE				
S - 900	42" x 72"	2 1/2"	36	900
S - 1200	48" x 72"	2 1/2"	36	1200
FOBRITE F61 SOFTENER VOLUMETRIC VALVE				
S - 900	42" x 72"	3"	36	900
S - 1200	48" x 72"	3"	48	1200

FRP tank brand is WCY; resin brand is Aqualine.

System prices are changeable in case of changing the tank, mineral and valve brand.