

WS1TT TWIN-ELECTRONIC

Volumetrics softeners simplex or duplex
set with 1" valve



ION EXCHANGE

INDUSTRIAL WATER SOFTENERS

WS1TT TWIN-ELECTRONIC SOFTENERS DUPLEX

- Simplex volumetrics softeners delivering 6.1m³/h of soft water.
- The regeneration cycles and the salt consumption are optimized by the electronic controller CI which starts the regeneration according to the volume of treated water.
- Simple configuration allowing the adjustment of all the operating cycles.
- From 2 x 15 to 2 x 250 liters of resin.



WATER SOFTENERS DELIVERED WITH

- Electronic volumetric valve WS100, fitting 1"BSPT, central tubing and strainer.
- 2 Tanks in GFR.
- Strong cationic resin.
- Brine tank with grid and overflow.
- Tubing for drain, brine valve, and overflow
- Bypass valve optionnal.

APPLICATIONS

- Feed water for steam generators.
- Hot water production.
- Protection of the reverse osmosis systems.
- Process water production.
- Any building or industrial application requiring a supply of softened water.

WS1TT Twin-Electronic Softeners Duplex

TECHNICAL SPECIFICATIONS

Liters of resin	Tank	Brine tank volume	Maximum flow rate m ³ /h	Exchange capacity °F/m ³					
				Min. 4°F	Salt consumption kg	Moyen 5°F	Salt consumption kg	Max. 6°F	Salt consumption kg
2 x 15	7 x 35	60	0.75	60	1.20	75	1.80	90	2.85
2 x 20	8 x 35	60	1.00	80	1.60	100	2.40	120	3.80
2 x 25	9 x 35	100	1.25	100	2.00	125	3.00	150	4.75
2 x 30	10 x 35	100	1.5	120	2.40	150	3.60	180	5.70
2 x 50	10 x 54	145	2.5	200	4.00	250	6.00	300	9.50
2 x 75	13 x 54	200	3.75	300	6.00	375	9.00	450	14.25
2 x 100	14 x 65	200	5.00	400	8.00	500	12.00	600	19.00
2 x 125	16 x 65	350	6.10	500	10.00	625	15.00	750	23.75
2 x 150	16 x 65	350	6.10	600	12.00	750	18.00	900	28.50
2 x 175	18 x 65	500	6.10	700	14.00	875	21.00	1050	33.25
2 x 200	18 x 65	500	6.10	800	16.00	1000	24.00	1200	38.00
2 x 225	21 x 62	500	6.10	900	18.00	1125	27.00	1350	42.75
2 x 250	21 x 62	500	6.10	1000	20.00	1250	30.00	1500	47.50

Operating pressure : 2,0 to 8,5 bar

Operating temperature : 4 to 43°C

Connection diameter : 1"



DIMENSIONS								
Liters of resin	Tank + valve			Brine tank				
	Tank	Diam (mm)	Height (mm)	Volume (liters)	Diam (mm)	Diam (mm)	Height (mm)	
	A	B	C	d	D	E		
2 x 15	7 x 35	182	900	190	60	275	390	810
2 x 20	8 x 35	207	900	190	60	275	390	810
2 x 25	9 x 35	233	900	190	100	330	450	940
2 x 30	10 x 35	259	900	190	100	330	450	940
2 x 50	10 x 54	259	1380	190	145	380	500	1060
2 x 75	13 x 54	335	1400	190	200	430	550	1160
2 x 100	14 x 65	369	1680	190	200	430	550	1160
2 x 125	16 x 65	413	1710	190	350	475	740	1275
2 x 150	16 x 65	413	1710	190	350	475	740	1275
2 x 175	18 x 65	559	1721	190	500	575	840	1335
2 x 200	18 x 65	559	1721	190	500	575	840	1335
2 x 225	21 x 62	559	1721	190	500	575	840	1335
2 x 250	21 x 62	559	1721	190	500	575	840	1335



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