

MTS 655 x 2

This system is composed of two PRFV Greentank bottles with upper and lower distributors, and a salt tank made of polyethylene with enough capacity for several regenerations. It has a double bottom and a safety valve.

Valve WS-655 made of heavy-duty Noryl controlled by an horizontal piston. Connection of 1 ½".

Watermark-MTS controller: it controls the function of all the columns allowing an effective management of the installation as well as a great control of it. It also permits to configure the systems in different working ways: alternative, parallel or peak flow.

Advance settings: block concrete time periods of regenerations, configurable relay outputs, pre and post dosing control.

Multilingual display: English, French, Spanish, German, Russian and Italian.

The desired regeneration can be chosen here: chronometric, metered immediate, delayed or mixed.

Also, all working parameters can be configured.

It contains water softening food-grade resin from GreenResin which features a great capacity and is supplied in 25 liters bags.

Silex distributing base with different grain sizes.



MTS programmer.

The silex base with different grain sizes optimises the water flow, thus improving the regeneration process.



Code		920086		920050		920051		920052		920053		920054		920055		
Model		MTS-655-2-50		MTS-655-2-85		MTS-655-2-115		MTS-655-2-145		MTS-655-2-200		MTS-655-2-285		MTS-655-2-425		
Resin volume (l)		50 x 2		85 x 2		115 x 2		145 x 2		200 x 2		285 x 2		425 x 2		
Exchange capacity (°Hf x m3) / Salt consumption (kg)																
Exchange capacity		96 g	557	4,8	831	8,2	1105	11,0	1388	13,9	1935	19,2	2766	27,4	4154	40,8
and salt consumption		161 g	725	8,1	1081	13,7	1437	18,5	1805	23,3	2517	32,2	3598	45,9	5403	68,4
chart		242 g	866	12,1	1292	20,6	1717	27,8	2158	35,1	3009	48,4	4301	69,0	6459	102,9

Flow		Pressure loss (kg/cm ²)						
NOTE: Flows calculated by parallel working systems. In case it works in alternative multiply by 0,5.	2 m ³ /h	0,08	0,09	0,07	0,06	0,05	0,05	0,04
	4 m ³ /h	0,21	0,2	0,18	0,15	0,13	0,12	0,1
	6 m ³ /h	0,38	0,38	0,33	0,28	0,24	0,23	0,2
	8 m ³ /h	0,6	0,59	0,51	0,44	0,39	0,36	0,32
	10 m ³ /h	0,85	0,83	0,73	0,64	0,57	0,53	0,47
	12 m ³ /h	1,14	1,12	0,98	0,87	0,79	0,74	0,66
Optimal flow	14 m ³ /h	N/A	1,44	1,27	1,14	1,03	0,97	0,88
Peak flow	16 m ³ /h	N/A	1,8	1,6	1,44	1,31	1,24	1,13
Non recommended flow	18 m ³ /h	N/A	2,2	1,97	1,77	1,63	1,54	1,41
	20 m ³ /h	N/A	2,65	2,37	2,14	1,98	1,87	1,72

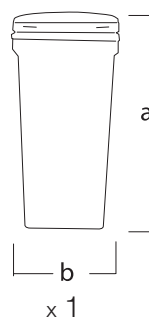
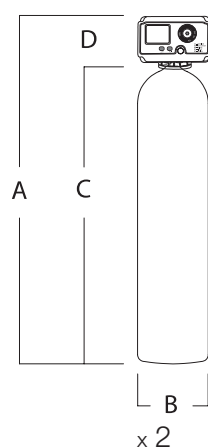
Water consumption							
Regeneration L.	352	598	777	1019	1359	1993	2915
Brine tank volume	350	350	350	350	500	500	750
Vessel	13 x 54	14 x 65	16 x 65	18 x 65	21 x 62	24 x 72	30 x 72
Silex 1,3 - 2,5 mm (kg)	16 x 2	16 x 2	21 x 2	16 x 2	25 x 2	40 x 2	56 x 2
Silex 2 - 4 mm (kg)	-	-	-	32 x 2	50 x 2	56 x 2	88 x 2

Working pressure: 2 - 8,5 bar

Working temperature: 4 - 40 °C

Electrical voltage: 110 / 240 Vac - 24 Vac

Connection: 1 1/2" BSP



Code	A	B	C	D	a	b
920086	1604	349	1398	206	1275	740
920050	1880	366	1674	206	1275	740
920051	1911	411	1705	206	1275	740
920052	1928	491	1722	206	1275	740
920053	1927	555	1721	206	1335	840
920054	2124	622	1918	206	1335	840
920055	2346	787	2140	206	1395	960 mm