

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

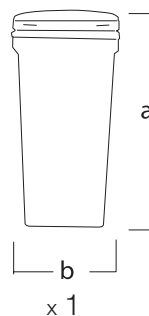
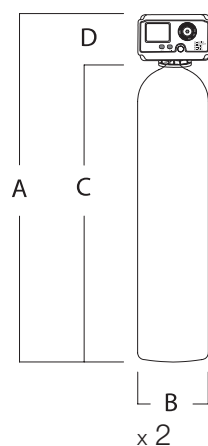
Water consumption							
Regeneration L.	352	598	777	1019	1359	1993	2915
Brine tank volume	350	350	350	350	500	500	750
Vessel	13 x 54	14 x 65	16 x 65	18 x 65	21 x 62	24 x 72	30 x 72
Sílex 1,3 - 2,5 mm (kg)	16 x 2	16 x 2	21 x 2	16 x 2	25 x 2	40 x 2	56 x 2
Sílex 2 - 4 mm (kg)	-	-	-	32 x 2	50 x 2	56 x 2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

MTS 655 x 3

This system is composed of three 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 1/2".

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 configurate 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			920057	920058	920059	920060	920061	920062					
Model			MTS-655-3-85	MTS-655-3-115	MTS-655-3-145	MTS-655-3-200	MTS-655-3-285	MTS-655-3-425					
Resin volume (l)			85 x 3	115 x 3	145 x 3	200 x 3	285 x 3	425 x 3					
Exchange capacity (°Hf x m3) / Salt consumption (kg)													
Exchange capacity	96 g	1246	8,2	1657	11,0	2082	13,9	2903	19,2	4149	27,4	6231	40,8
and salt consumption	161 g	1621	13,7	2155	18,5	2708	23,3	3776	32,2	5397	45,9	8105	68,4
chart	242 g	1938	20,6	2567	27,8	3237	35,1	4514	48,4	6451	69,0	9688	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.	3 m ³ /h	0,09	0,07	0,06	0,05	0,05	0,04
	6 m ³ /h	0,2	0,18	0,15	0,13	0,12	0,1
	9 m ³ /h	0,38	0,33	0,28	0,24	0,23	0,2
	12 m ³ /h	0,59	0,51	0,44	0,39	0,36	0,32
	15 m ³ /h	0,83	0,73	0,64	0,57	0,53	0,47
	18 m ³ /h	1,12	0,98	0,87	0,79	0,74	0,66
 Optimal flow	21 m ³ /h	1,44	1,27	1,14	1,03	0,97	0,88
 Peak flow	24 m ³ /h	1,8	1,6	1,44	1,31	1,24	1,13
 Non recommended flow	27 m ³ /h	2,2	1,97	1,77	1,63	1,54	1,41
	30 m ³ /h	2,65	2,37	2,14	1,98	1,87	1,72

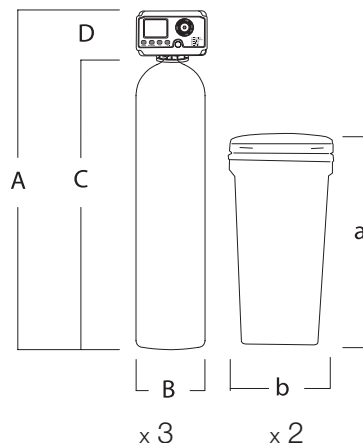
Water consumption						
Regeneration L.	598	777	1019	1359	1993	2915
Brine tank volume	350 x 2	350 x 2	350 x 2	500 x 2	500 x 2	750 x 2
Vessel	14 x 65	16 x 65	18 x 65	21 x 62	24 x 72	30 x 72
Sílex 1,3 - 2,5 mm (kg)	16 x 3	21 x 3	16 x 3	25 x 3	40 x 3	56 x 3
Sílex 2 - 4 mm (kg)	-	-	32 x 3	50 x 3	56 x 3	88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

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
920057	1880	366	1674	206	1275	740
920058	1911	411	1705	206	1275	740
920059	1928	491	1722	206	1275	740
920060	1927	555	1721	206	1335	840
920061	2124	622	1918	206	1335	840
920062	2346	787	2140	206	1395	960 mm

MTS 655 x 4

This system is composed of four 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".

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Silex distributing base with different grain sizes.



MTS programmer.

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Code		920064		920065		920066		920067		920068		920069	
Model		MTS-655-4-85		MTS-655-4-115		MTS-655-4-145		MTS-655-4-200		MTS-655-4-285		MTS-655-4-425	
Resin volume (l)		85 x 4		115 x 4		145 x 4		200 x 4		285 x 4		425 x 4	
Exchange capacity (°Hf x m3) / Salt consumption (kg)													
Exchange capacity and salt consumption chart	96 g	1662	8,2	2209	11,0	2776	13,9	3871	19,2	5532	27,4	8309	40,8
	161 g	2161	13,7	2873	18,5	3611	23,3	5034	32,2	7196	45,9	10806	68,4
	242 g	2584	20,6	3435	27,8	4316	35,1	6018	48,4	8602	69,0	12918	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.	4 m ³ /h	0,09	0,07	0,06	0,05	0,05	0,04
	8 m ³ /h	0,2	0,18	0,15	0,13	0,12	0,1
	12 m ³ /h	0,38	0,33	0,28	0,24	0,23	0,2
	16 m ³ /h	0,59	0,51	0,44	0,39	0,36	0,32
	20 m ³ /h	0,83	0,73	0,64	0,57	0,53	0,47
	24 m ³ /h	1,12	0,98	0,87	0,79	0,74	0,66
 Optimal flow	28 m ³ /h	1,44	1,27	1,14	1,03	0,97	0,88
 Peak flow	32 m ³ /h	1,8	1,6	1,44	1,31	1,24	1,13
 Non recommended flow	36 m ³ /h	2,2	1,97	1,77	1,63	1,54	1,41
	40 m ³ /h	2,65	2,37	2,14	1,98	1,87	1,72

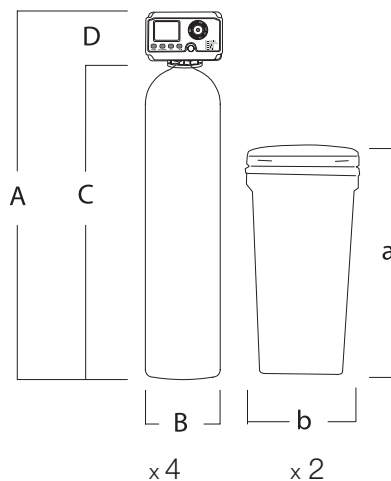
Water consumption						
Regeneration L.	598	777	1019	1359	1993	2915
Brine tank volume	350 x 2	350 x 2	350 x 2	500 x 2	500 x 2	750 x 2
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Working temperature: 4 - 40 °C

Electrical voltage: 110 / 240 Vac - 24 Vac

Connection: 1 1/2" BSP



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920065	1911	411	1705	206	1275	740
920066	1928	491	1722	206	1275	740
920067	1927	555	1721	206	1335	840
920068	2124	622	1918	206	1335	840
920069	2346	787	2140	206	1395	960 mm