

Watermark Series Simplex 755

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



Up-flow valve WS-755 made of heavy-duty Noryl and controlled by an horizontal piston. 2" connection.

Up-flow regeneration for a lower consumption of salt and water.

Watermark Series programmer for industrial applications.

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

Also, all working parameters can be configured. This equipment allows proportional regeneration processes, consuming only the amount of salt needed to recharge the exhausted resin.

They contain 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.



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

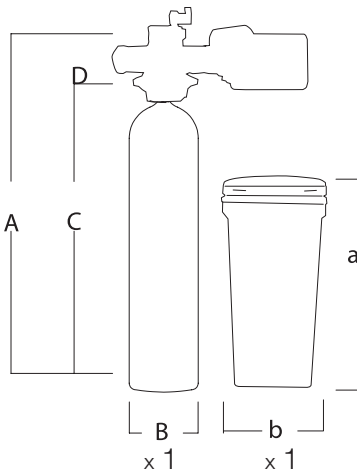
Code	920446 920447 920448 920449 920450 920451 920452 920453																
Model	MTS-755-1-200 MTS-755-1-285 MTS-755-1-425 MTS-755-1-566 MTS-755-1-650 MTS-755-1-735 MTS-755-1-850 MTS-755-1-1000																
Resin volume (l)	200 285 425 566 650 735 850 1000																
Exchange capacity (°Hf x m3) / Salt consumption (kg)																	
Exchange capacity	96 g	957	19,2	1364	27,4	2034	40,8	2709	54,3	3111	62,4	3518	70,6	4068	81,6	4786	96,0
and salt consumption	161 g	1246	32,2	1775	45,9	2647	68,4	3525	91,1	4048	104,7	4577	118,3	5293	136,9	6228	161,0
chart	242 g	1488	48,4	2121	69,0	3163	102,9	4212	137,0	4837	157,3	5469	177,9	6325	205,7	7441	242,0
Flow																	
Pressure loss (kg/cm²)																	
Optimal flow	4 m³/h	0,52		0,48		0,41		0,37		0,38		0,39		0,35		0,36	
	5 m³/h	0,61		0,57		0,48		0,43		0,44		0,45		0,41		0,42	
	6 m³/h	0,71		0,66		0,55		0,49		0,50		0,52		0,47		0,48	
	7 m³/h	0,82		0,75		0,63		0,55		0,57		0,59		0,53		0,55	
	8 m³/h	0,93		0,85		0,71		0,63		0,65		0,67		0,60		0,62	
	9 m³/h	1,04		0,96		0,80		0,71		0,73		0,75		0,67		0,70	
	10 m³/h	1,17		1,07		0,89		0,79		0,82		0,85		0,76		0,78	
	11 m³/h	1,30		1,20		1,00		0,89		0,92		0,95		0,85		0,88	
	12 m³/h	1,44		1,33		1,11		0,99		1,02		1,05		0,95		0,98	
	13 m³/h	N/A		1,47		1,24		1,11		1,14		1,18		1,06		1,09	
	14 m³/h	N/A		1,62		1,37		1,23		1,26		1,30		1,18		1,21	
	15 m³/h	N/A		1,79		1,51		1,36		1,40		1,44		1,31		1,35	
Non recommended flow	16 m³/h	N/A		N/A		1,68		1,52		1,56		1,60		1,46		1,50	
Water consumption																	
Regeneration L.		1359		1993		2915		3962		4273		5145		5950		7000	
Brine tank volume		500		500		750		1500		1500		1500		1500		2000	
Vessel		21x62		24x72		30x72		36x72		36x72		42x72		42x72		42x72	
Sílex 1,3 – 2,5 mm (kg)		25		40		56		56		56		86		86		86	
Sílex 2 – 4 mm (kg)		50		56		88		99		99		152		152		152	

Working pressure: 2 - 8,5 bar

Working temperature: 4 - 40 °C

Electrical voltage: 110 / 240 Vac - 12 Vac

Connection: 2" BSP



Code	A	B	C	D	a	b
920446	2072	491	1722	350	1275	740
920447	2071	555	1721	350	1335	840
920448	2268	622	1918	350	1335	840
920449	2490	787	2140	350	1335	960
920450	2500	931	2150	350	1575	1240
920451	2745	1235	2395	350	1575	1240
920452	2745	1235	2395	350	1575	1240
920453	2745	1235	2395	350	1575	1240 mm

Code	Packaging units	Description
920122	1	Solenoid valve control kit