

Simplex Autotrol (Time based) Water Softeners

Simplex softeners use high quality vessels and superior softening resin. The unit is controlled with

Units built with Autotrol Logix 255-742 digital TIME controller, 3/4"

Inlet/outlet/drain 3/4", max flow 3.5 m3/hr, pressure 1.5 to 8 bar

4302035141	7" x 35"	14 litre	0.56 m3/hr flow	2.2 kg salt	2.3 m3 capacity
4302035149	8" x 35"	20 litre	0.8 m3/hr flow	3.2 kg salt	3.3 m3 capacity
4302035239	9" x 35"	25 litre	1 m3/hr flow	4 kg salt	4 m3 capacity
4302035358	10" x 35"	30 litre	1.2 m3/hr flow	4.8 kg salt	5 m3 capacity
4302035367	10" x 44"	40 litre	1.6 m3/hr flow	6.4 kg salt	6.67 m3 capacity
4302035370	10" x 54"	50 litre	2 m3/hr flow	8 kg salt	8.3 m3 capacity
4302035401	12" x 48"	60 litre	2.4 m3/hr flow	9.6 kg salt	10 m3 capacity
4302035408	13" x 54"	75 litre	3 m3/hr flow	12 kg salt	12.5 m3 capacity

Units built with Autotrol Logix 268-742 digital TIME controller, 1"

Inlet/outlet 1", drain 3/4", max flow 5.7 m3/hr, pressure 1.5 to 8 bar

4302035155	13" x 54"	75 litre	3 m3/hr flow	12 kg salt	12.5 m3 capacity
4302035156	14" x 65"	100 litre	4 m3/hr flow	16 kg salt	17 m3 capacity

Units built with Autotrol Logix 278-742 digital TIME controller, 1"

Inlet/outlet 1", drain 3/4", max flow 5.7 m3/hr, pressure 1.5 to 8 bar

4302035160	14" x 65"	125 litre	5 m3/hr flow	20 kg salt	20.8 m3 capacity
4302035161	16" x 65"	150 litre	5.7 m3/hr flow	24 kg salt	25 m3 capacity
4302035162	18" x 65"	200 litre	5.7 m3/hr flow	32 Kg salt	33 m3 capacity

Units built with Autotrol Logix 298-742 digital TIME controller, 2"

Inlet/outlet 2", drain 1.5", max flow 17 m3/hr, pressure 1.5 to 8 bar

4302037261	18" x 65"	200 litre	8 m3/hr flow	32 kg salt	33 m3 capacity
4302037152	21" x 60"	250 litre	10 m3/hr flow	40 kg salt	42 m3 capacity
4302037256	24" x 69"	350 litre	14 m3/hr flow	56 kg salt	58 m3 capacity
4302037258	30" x 72"	500 litre	17 m3/hr flow	80 kg salt	83 m3 capacity
4302037259	36" x 72"	700 litre	17 m3/hr flow	112 kg salt	116 m3 capacity

capacity based on 300 mg/l CaCO₃ hardness



Softeners.		Simplex		
Size	Resin Vol (l)	Max Footprint		
		Width mm	Depth mm	Height mm
7" x 35"	14	525	378	1109
8" x 35"	20	550	378	1104
9" x 35"	25	577	378	1105
10" x 35"	30	599	378	1105
10" x 44"	40	719	440	1324
10" x 54"	50	719	440	1587
12" x 52"	60	765	440	1435
13" x 54"	75	1031	680	1584
14" x 65"	100	1059	680	1870
14" x 65"	125	1059	680	1870
16" x 65"	150	1176	760	1875
18" x 65"	200	1359	880	1997
21" x 60"	250	1442	880	1921
24" x 69"	350	1500	880	2171
30" x 72"	500	1810	1030	2341
36" x 72"	700	1967	1030	2441

Simplex Autotrol (Metered) Water Softeners

Metered water softeners use a meter which measures the water used and calculates when the

Units built with Autotrol Logix 255-762 digital METER controller, 3/4"

Inlet/outlet/drain 3/4", max flow 3.5 m3/hr, pressure 1.5 to 8 bar

4302035234	8" x 35"	20 litre	0.8 m3/hr flow	3.2 kg salt	3.3 m3 capacity
4302035361	10" x 35"	30 litre	1.2 m3/hr flow	4.8 kg salt	5 m3 capacity
4302035368	10" x 44"	40 litre	1.6 m3/hr flow	6.4 kg salt	6.67 m3 capacity
4302035400	10" x 54"	50 litre	2 m3/hr flow	8 kg salt	8.3 m3 capacity
4302035404	12" x 48"	60 litre	2.4 m3/hr flow	9.6 kg salt	10 m3 capacity
4302035409	13" x 54"	75 litre	3 m3/hr flow	12 kg salt	12.5 m3 capacity

Units built with Autotrol Logix 268-762 digital METER controller, 1"

Inlet/outlet 1", drain 3/4", max flow 5.7 m3/hr, pressure 1.5 to 8 bar

4302037969	10" x 54"	50 litre	2 m3/hr flow	8 kg salt	8.3 m3 capacity
4302038625	12" x 48"	60 litre	2.4 m3/hr flow	9.6 kg salt	10 m3 capacity
4302035157	13" x 54"	75 litre	3 m3/hr flow	12 kg salt	12.5 m3 capacity
4302035158	14" x 65"	100 litre	4 m3/hr flow	16 kg salt	17 m3 capacity

Units built with Autotrol Logix 278-762 digital METER controller, 1"

Inlet/outlet 1", drain 3/4", max flow 5.7 m3/hr, pressure 1.5 to 8 bar

4302035163	14" x 65"	125 litre	5 m3/hr flow	20 kg salt	20.8 m3 capacity
4302035164	16" x 65"	150 litre	5.7 m3/hr flow	24 kg salt	25 m3 capacity
4302035166	18" x 65"	200 litre	5.7 m3/hr flow	32 Kg salt	33 m3 capacity

Units built with Autotrol Logix 298-762 digital METER controller, 2"

Inlet/outlet 2", drain 1.5", max flow 17 m3/hr, pressure 1.5 to 8 bar

4302037265	21" x 60"	250 litre	10 m3/hr flow	40 kg salt	42 m3 capacity
4302037149	24" x 69"	350 litre	14 m3/hr flow	56 kg salt	58 m3 capacity
4302037266	30" x 72"	500 litre	17 m3/hr flow	80 kg salt	83 m3 capacity
4302037267	36" x 72"	700 litre	17 m3/hr flow	112 kg salt	116 m3 capacity

capacity based on 300 mg/l CaCO₃ hardness

Softeners.		Simplex		
Size	Resin Vol (l)	Max Footprint		
		Width mm	Depth mm	Height mm
7" x 35"	14	525	378	1109
8" x 35"	20	550	378	1104
9" x 35"	25	577	378	1105
10" x 35"	30	599	378	1105
10" x 44"	40	719	440	1324
10" x 54"	50	719	440	1587
12" x 52"	60	765	440	1435
13" x 54"	75	1031	680	1584
14" x 65"	100	1059	680	1870
14" x 65"	125	1059	680	1870
16" x 65"	150	1176	760	1875
18" x 65"	200	1359	880	1997
21" x 60"	250	1442	880	1921
24" x 69"	350	1500	880	2171
30" x 72"	500	1810	1030	2341
36" x 72"	700	1967	1030	2441



Simplex Clack (Metered) Water Softeners

Metered water softeners use a meter which measures the water used and calculates when the

Units built with Clack WS1 CI digital METER controller, 1"

Inlet/outlet 1", drain 3/4", max flow 6.1 m3/hr, pressure 1.5 to 8 bar

4302048904	8" x 35"	20 litre	0.8 m3/hr flow	3.2 kg salt	3.3 m3 capacity
4302047325	10" x 35"	30 litre	1.2 m3/hr flow	4.8 kg salt	5 m3 capacity
4302048192	10" x 44"	40 litre	1.6 m3/hr flow	6.4 kg salt	6.67 m3 capacity
4302048285	10" x 54"	50 litre	2 m3/hr flow	8 kg salt	8.3 m3 capacity
4302048533	12" x 48"	60 litre	2.4 m3/hr flow	9.6 kg salt	10 m3 capacity
4302047607	13" x 54"	75 litre	3 m3/hr flow	12 kg salt	12.5 m3 capacity
4302048906	14" x 65"	100 litre	4 m3/hr flow	16 kg salt	17 m3 capacity
4302048907	14" x 65"	125 litre	5 m3/hr flow	20 kg salt	20.8 m3 capacity

Units built with Clack WS1.25 digital METER controller, 1.25"

Inlet/outlet 1.25", drain 3/4", max flow 7.7 m3/hr, pressure 1.5 to 8 bar

4302048031	13" x 54"	75 litre	3 m3/hr flow	12 kg salt	12.5 m3 capacity
4302049826	14" x 65"	125 litre	5 m3/hr flow	20 kg salt	20.8 m3 capacity
4302047321	16" x 65"	150 litre	5.7 m3/hr flow	24 kg salt	25 m3 capacity
4302048925	18" x 65"	200 litre	5.7 m3/hr flow	32 Kg salt	33 m3 capacity

Units built with Clack WS1.5 digital METER controller, 1.5"

Inlet/outlet 1.5", drain 1", max flow 13.7 m3/hr, pressure 1.5 to 8 bar

4302042008	18" x 65"	200 litre	8 m3/hr flow	32 Kg salt	33 m3 capacity
4302048908	21" x 60"	250 litre	10 m3/hr flow	40 kg salt	42 m3 capacity

Units built with Clack WS2 digital METER controller, 2"

Inlet/outlet 2", drain 1.5", max flow 26 m3/hr, pressure 1.5 to 8 bar

4302048909	24" x 69"	350 litre	14 m3/hr flow	56 kg salt	58 m3 capacity
------------	-----------	-----------	---------------	------------	----------------



Duplex (Autotrol) Water Softeners.

Duplex water softeners consist of two vessels filled with softening resin and one brine tank which

Units built with Autotrol Logix 255-764 digital METER controller, 3/4"

Inlet/outlet/drain 3/4", max flow 3.5 m3/hr, pressure 1.5 to 8 bar

4402032104	8" x 17"	10 litre	0.4 m3/hr flow	1.4 kg salt	1.5 m3 capacity
4402032107	8" x 35"	20 litre	0.8 m3/hr flow	3.2 kg salt	3.3 m3 capacity
4402032112	10" x 35"	30 litre	1.2 m3/hr flow	4.8 kg salt	5 m3 capacity
4402032113	10" x 44"	40 litre	1.6 m3/hr flow	6.4 kg salt	6.67 m3 capacity
4402032114	10" x 54"	50 litre	2 m3/hr flow	8 kg salt	8.3 m3 capacity
4402032115	12" x 48"	60 litre	2.4 m3/hr flow	9.6 kg salt	10 m3 capacity
4402032116	13" x 54"	75 litre	3 m3/hr flow	12 kg salt	12.5 m3 capacity

Units built with Autotrol Logix 278-764 digital METER controller, 1"

Inlet/outlet 1", drain 3/4", max flow 5.7 m3/hr, pressure 1.5 to 8 bar

4402032177	14" x 65"	100 litre	4 m3/hr flow	16 kg salt	17 m3 capacity
4402038657	14" x 65"	125 litre	5 m3/hr flow	20 kg salt	20.8 m3 capacity
4402032173	16" x 65"	150 litre	5.7 m3/hr flow	24 kg salt	25 m3 capacity
4402032174	18" x 65"	200 litre	5.7 m3/hr flow	32 Kg salt	33 m3 capacity

Units built with Autotrol Logix 298-764 digital METER controller, 2"

Inlet/outlet 2", drain 1.5", max flow 17 m3/hr, pressure 1.5 to 8 bar

4402032169	21" x 60"	250 litre	10 m3/hr flow	40 kg salt	42 m3 capacity
4402032168	24" x 69"	350 litre	14 m3/hr flow	56 kg salt	58 m3 capacity
4402032162	30" x 72"	500 litre	17 m3/hr flow	80 kg salt	83 m3 capacity
4402032128	36" x 72"	700 litre	17 m3/hr flow	112 kg salt	116 m3 capacity

Duplex System

capacity based on 300 mg/l CaCO3 hardness



Softeners.		Duplex		
Resin Vol (l)	Resin Vol (l)	Max Footprint		
		Width mm	Depth mm	Height mm
8" x 35"	20	870	440	1104
9" x 35"	25	948	440	1105
10" x 35"	30	948	440	1105
10" x 44"	40			
10" x 54"	50	948	440	1587
12" x 52"	60	1330	680	1435
13" x 54"	75	1462	760	1584
14" x 65"	100	1638	880	1870
14" x 65"	125	1638	880	1870
16" x 65"	150	1712	880	1875
18" x 65"	200	1838	880	1997
21" x 60"	250	2154	1030	1921
24" x 69"	350	2270	1030	2171
30" x 72"	500	2670	1110	2341
36" x 72"	700	2984	1110	2441
42" x 78"	1000	3586	1300	2785
48" x 78"	1250	3900	1300	2800
55" x 104"	1800	4178	1429	3040

Duplex (Clack) Water Softeners

Duplex water softeners consist of two vessels filled with softening resin and one brine tank which

Units built with Clack WS1 TT DUPLEX digital METER controller, 1"

Inlet/outlet 1", drain 3/4", max flow 6.8 m3/hr, pressure 1.5 to 8 bar

4402048971	8" x 17"	10 litre	0.4 m3/hr flow	1.4 kg salt	1.5 m3 capacity
4402043193	8" x 35"	20 litre	0.8 m3/hr flow	3.2 kg salt	3.3 m3 capacity
4402043194	10" x 35"	30 litre	1.2 m3/hr flow	4.8 kg salt	5 m3 capacity
4402043195	10" x 44"	40 litre	1.6 m3/hr flow	6.4 kg salt	6.67 m3 capacity
4402043196	10" x 54"	50 litre	2 m3/hr flow	8 kg salt	8.3 m3 capacity
4402043197	12" x 48"	60 litre	2.4 m3/hr flow	9.6 kg salt	10 m3 capacity
4402043198	13" x 54"	75 litre	3 m3/hr flow	12 kg salt	12.5 m3 capacity
4402043456	14" x 65"	100 litre	4 m3/hr flow	16 kg salt	17 m3 capacity
4402043199	14" x 65"	125 litre	5 m3/hr flow	20 kg salt	20.8 m3 capacity
4402043200	16" x 65"	150 litre	6.8 m3/hr flow	24 kg salt	25 m3 capacity
4402043201	18" x 65"	200 litre	6.8 m3/hr flow	32 Kg salt	33 m3 capacity
4402040528	24" x 69"	350 litre	14 m3/hr flow	56 kg salt	58 m3 capacity

Units built with Clack WS1.25 DUPLEX digital METER controller, 1.25"

Inlet/outlet 1.25", drain 3/4", max flow 7.7 m3/hr, pressure 1.5 to 8 bar

4402048408	14" x 65"	125 litre	5 m3/hr flow	20 kg salt	20.8 m3 capacity
4402048604	16" x 65"	150 litre	6 m3/hr flow	24 kg salt	25 m3 capacity
4402048927	18" x 65"	200 litre	6.8 m3/hr flow	32 Kg salt	33 m3 capacity
4402048987	21" x 36"	150 litre	6 m3/hr flow	24 kg salt	25 m3 capacity

Units built with Clack WS1.5 digital METER controller, 1.5"

Inlet/outlet 1.5", drain 1", max flow 13.7 m3/hr, pressure 1.5 to 8 bar

4402048339	21" x 60"	250 litre	10 m3/hr flow	40 kg salt	42 m3 capacity
------------	-----------	-----------	---------------	------------	----------------

Units built with Clack WS2 digital METER controller, 2"

Inlet/outlet 2", drain 1.5", max flow 26 m3/hr, pressure 1.5 to 8 bar

4402048919	24" x 69"	350 litre	14 m3/hr flow	56 kg salt	58 m3 capacity
------------	-----------	-----------	---------------	------------	----------------



TT Duplex

Duplex System