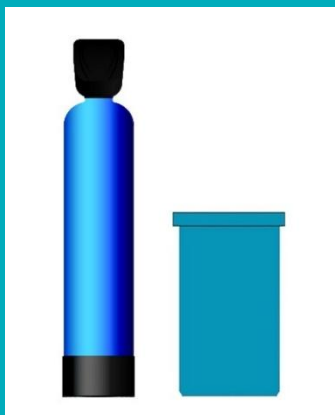


COMMERCIAL SOFTENERS

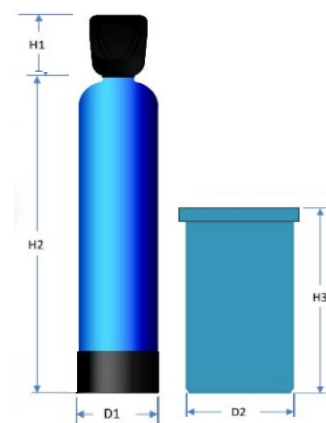
SIMPLEX SOFTENERS

Our Simplex softeners (S models) have one softening vessel that provides soft water constantly until the softener goes into regeneration but can have an auto shut off solenoid added to the outlet to stop hard water going to service during the regeneration period. Regeneration on these models are set to 2am, a time when little, if any, water is being used. The regeneration frequency is governed by an integrated water meter, electronic controller and Precision Brining™, which keeps salt use directly linked to the amount of water being used. This system gives up to 57% salt savings when compared to other simplex softeners available.



COMMERCIAL SOFTENERS

Simplex (Metered) Water Softeners



All measurements in mm.

Model	Resin	H1	H2	H3	D1	D2	Kg*	Width	Depth	Height
SM10/817	10L	619	485	450	215	320sq	26	545	320	619
SM20/835	20L	1078	944	450	215	320sq	39	545	320	1078
SM30/1035	30L	1078	944	950	268	365x430	53	633	430	1078
SM40/1044	40L	1305	1171	950	268	365x430	67	633	430	1305
SM50/1054	50L	1565	1431	950	267	365x430	80	632	430	1565
SM60/1248	60L	1417	1283	830	315	670	90	685	370	1417
SM75/1354	75L	1571	1437	980	349	760	115	1109	760	1571
SM100/1465	100L	1571	1437	980	349	760	150	1250	880	1870
SM125/1465	125L	1870	1736	920	370	880	183	1250	880	1870
SM150/1665	150L	1862	1713	1150	406	880	216	1286	880	1862
SM200/1865	200L	1957	1823	1150	510	880	279	1390	880	1957
SM250/2160	250L	1842	1708	1080	552	1000	419	1552	1000	1842
SM350/2469	350L	2092	1958	1080	610	1000	519	1610	1000	2092

*Weight excludes water.

Width, Depth, Height if vessel and brine tank next to each other and touching.

General conditions for installation

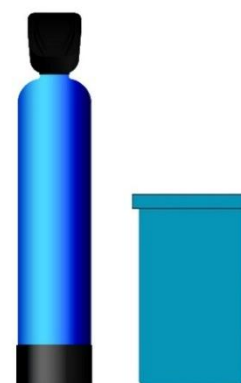
Specifications	
Min. Pressure	200 kPa (2 Bar)
Max. Pressure	700 kPa (7 Bar)
Vacuum	Not Permitted
Average Pressure Loss	100 kPa (1 Bar) under normal circumstances
Min. - Max. Temp.	5-35°C

Measurement adjustments by valve

Valve	*
1"	Same
1.25"	Same
1.5"	+87 mm
1.5"	+30 mm
2"	+60 mm

COMMERCIAL SOFTENERS

Simplex (Metered) Water Softeners 1" valves



Simplex metered softener with Precision Brining™, 1"

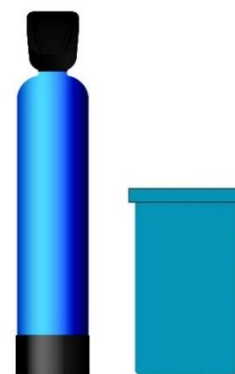
Inlet/outlet 1", drain 3/4", rec valve flow 6.3 m³/hr, pressure 1.5 to 8 bar. Salt Kg denotes use per regen

Model	Valve	Salt kg	Vessel Size	Rec flow rate	Resin	Cap@300ppm
SM10/817	WS1CI	1.4	8" x 17"	0.4 m ³ /hr	10L	1.6 m ³
SM20/835	WS1CI	2.8	8" x 35"	0.8 m ³ /hr	20L	3.3 m ³
SM30/1035	WS1CI	4.2	10" x 35"	1.2 m ³ /hr	30L	4.9 m ³
SM40/1044	WS1CI	5.6	10" x 44"	1.6 m ³ /hr	40L	6.6 m ³
SM50/1054	WS1CI	7	10" x 54"	2 m ³ /hr	50L	8.3 m ³
SM60/1248	WS1CI	8.4	12" x 48"	2.4 m ³ /hr	60L	9.9 m ³
SM75/1354	WS1CI	10.5	13" x 54"	3 m ³ /hr	75L	12.4 m ³
SM100/1465	WS1CI	14	14" x 65"	4 m ³ /hr	100L	16.6 m ³
SM125/1465	WS1CI	17.5	14" x 65"	5 m ³ /hr	125L	20.7 m ³
SM150/1665	WS1CI	21	16" x 65"	6 m ³ /hr	150L	24.9 m ³
SM200/1865	WS1CI	28	18" x 65"	6.3 m ³ /hr	200L	33.2 m ³

Important:
Valve reference must be quoted with Model No

COMMERCIAL SOFTENERS

Simplex (Metered) Water Softeners 1.25" to 2" valves



Simplex metered softener with Precision Brining™, 1.25"

Inlet/outlet 1.25", drain 3/4", rec valve flow 6.3 m³/hr, pressure 1.5 to 8 bar, Valve WS1.25CI. Salt Kg denotes use per regen

Model	Valve	Salt kg	Size	Rec flow rate	Resin	Cap@300ppm
SM75/1354	WS1.25CI	11.25	13" x 54"	3 m ³ /hr	75L	12.4 m3
SM100/1465	WS1.25CI	15	14" x 65"	4 m ³ /hr	100L	16.6 m3
SM125/1465	WS1.25CI	18.75	14" x 65"	5 m ³ /hr	125L	20.7 m3
SM150/1665	WS1.25CI	22.5t	16" x 65"	6 m ³ /hr	150L	24.9 m3
SM200/1865	WS1.25CI	30 t	18" x 65"	6.3 m ³ /hr	200L	33.2 m3

Simplex metered softener with Precision Brining™, 1.5"

Inlet/outlet 1.5", drain 1", rec valve flow 6.3 m³/hr, pressure 1.5 to 8 bar, Valve WS1.5CI. Salt Kg denotes use per regen

Model	Valve	Salt kg	Size	Rec Flow rate	Resin	Cap@300ppm
SM125/1465	WS1.5CI	18.75	14" x 65"	5 m ³ /hr	125L	20.7 m3
SM150/1665	WS1.5CI	22.5	16" x 65"	6 m ³ /hr	150L	24.9 m3
SM200/1865	WS1.5CI	30	18" x 65"	6.3 m ³ /hr	200L	33.2 m3

Simplex metered softener with Precision Brining™, 2"

Inlet/outlet 2", drain 1.5", max valve flow 26 m³/hr, pressure 1.5 to 8 bar, Valve WS2CI. Salt Kg denotes use per regen

Model	Valve	Salt kg	Size	Rec Flow rate	Resin	Cap@300ppm
SM200/1865	WS2CI	30	18" x 65"	8 m3/hr	200L	33.2 m3
SM250/2160	WS2CI	37.5	21" x 60"	10 m ³ /hr	250L	41.5 m3
SM350/2469	WS2CI	52.5	24" x 69"	14 m ³ /hr	350L	58.1 m3

Important:
Valve reference must be quoted with Model No