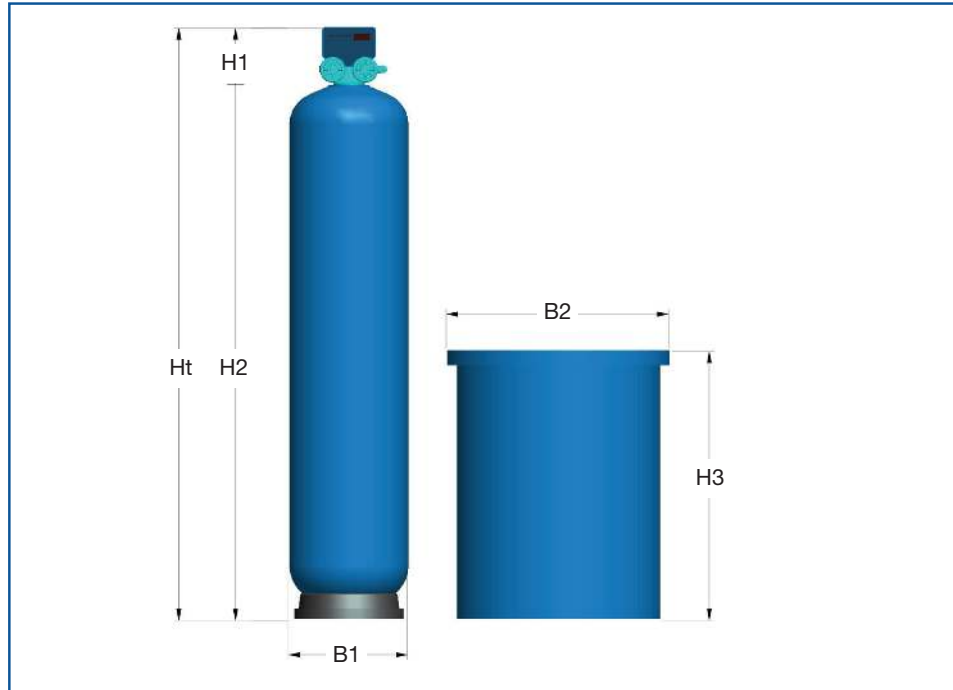


Siata Simplex V132



Dimensions (mm)

Resin Litres	Valve H1	Vessel H2	Vessel B1	Brine Tank H3	Brine Tank B2	Softener Ht	Inlet/Outlet
15	195	904	208	780	590	1099	1"
30	195	905	257	830	670	1100	1"
50	195	1387	257	830	670	1582	1"
60	195	1235	304	830	670	1430	1"
75	195	1374	334	830	670	1569	1"
100	195	1660	369	1000	760	1855	1"
125	195	1660	406	1000	760	1855	1"
175	195	1750	469	1000	760	1945	1"

General conditions for installation

Connection Inlet & Outlet	: 1" BSP
Drain Connection *	: 3/4" Hose barb
Electrical Rating	: 230-12V / 50 Hz
Power Rating	: 4.6 VA
Minimum Inlet Pressure	: 200 kPa (2 Bar)
Maximum Inlet Pressure	: 600 kPa (7 Bar)
Vacuum	: Not permitted
Average Pressure Loss **	: 100 kPa (1 Bar)
Maximum Water Temperature	: 43°C

* Open drain required

** It is recommended that a 20µm Pre-cartridge filter be installed prior to the inlet of the water softener

Siata Simplex V132

Resin

Type : Strong acid cation resin - softening, food grade quality
 Life Span : 15 years under normal operating conditions

Ion exchange									
Litres of Resin		15	30	50	60	75	100	125	175
Softener Capacity as CaCO ₃	200ppm	3.7m ³	7.5m ³	12.5m ³	15m ³	18.7m ³	25m ³	31.2m ³	43.7m ³
	250ppm	3m ³	6m ³	10m ³	12m ³	15m ³	20m ³	25m ³	35m ³
	300ppm	2.5m ³	5m ³	8.3m ³	10m ³	12.5m ³	16.6m ³	20.8m ³	29.1m ³
Salt Consumption	kg/reg.	1.8	3.6	6.0	7.2	9.0	12	15	21

Flow rate									
Litres of Resin		15	30	50	60	75	100	125	175
nominal m ³ /hr		0.6	1.2	2.0	2.4	3.0	4.0	4.5	4.5
minimum metered		300 Litres/Hour							

Regeneration

Start : Fully programmable
 Manual : Manual operation as required
 Time Clock Version (STEO) : 7 Day
 Volume Delayed or Immediate (ATO) : Volume
 : Time / Volume
 : Time

Regeneration water usage									
Litres of Resin		15	30	50	60	75	100	125	175
1) Backwash	Litres	21	48	94	128	128	195	195	226
2) Brining + Slow Rinse	Litres	40	83	131	158	197	252	285	471
3) Fast Rinse	Litres	37	64	94	128	128	195	243	283
Total		98	195	319	414	453	642	723	980

