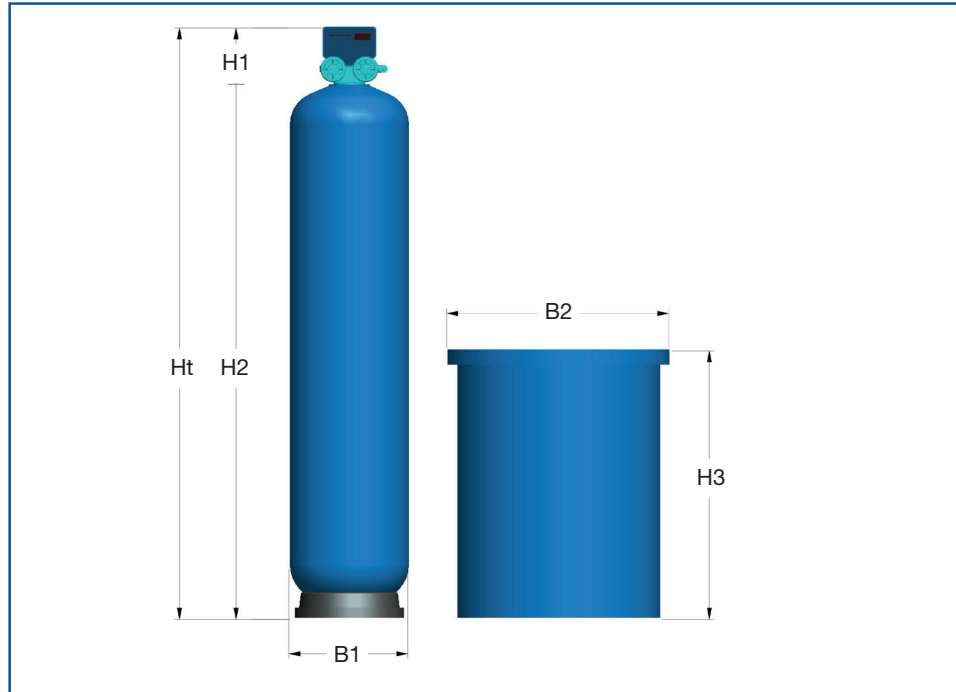


Siata Simplex V230



Dimensions (mm)

Resin Litres	Valve H1	Vessel H2	Vessel B1	Brine Tank H3	Brine Tank B2	Softener Ht	Inlet/Outlet
100	195	1660	369	1000	760	1855	1¼"
125	195	1660	406	1000	760	1855	1¼"
175	195	1750	469	930	870	1945	1¼"
225	195	1640	552	1230	860	1835	1¼"
300	195	1890	610	1230	860	2085	1¼"

General conditions for installation

Connection Inlet & Outlet	: 1¼" Union
Drain Connection *	: ¾" 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 V230

Resin

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

Ion exchange						
Litres of Resin		100	125	175	225	300
Softener Capacity as CaCO ₃	200ppm	25m ³	31.2m ³	43.7m ³	56.2m ³	75m ³
	250ppm	20m ³	25m ³	35m ³	45m ³	60m ³
	300ppm	16.6m ³	20.8m ³	29.1m ³	37.5m ³	50m ³
Salt Consumption	kg/reg.	12	15	21	27	36

Flow rate						
Litres of Resin		100	125	175	225	300
nominal m ³ /hr		4	5	7	8	8
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		100	125	175	225	300
1) Backwash	Litres	195	195	348	502	502
2) Brining + Slow Rinse	Litres	203	272	297	486	649
3) Fast Rinse	Litres	243	243	702	702	702
Total		641	710	1347	1690	1853

