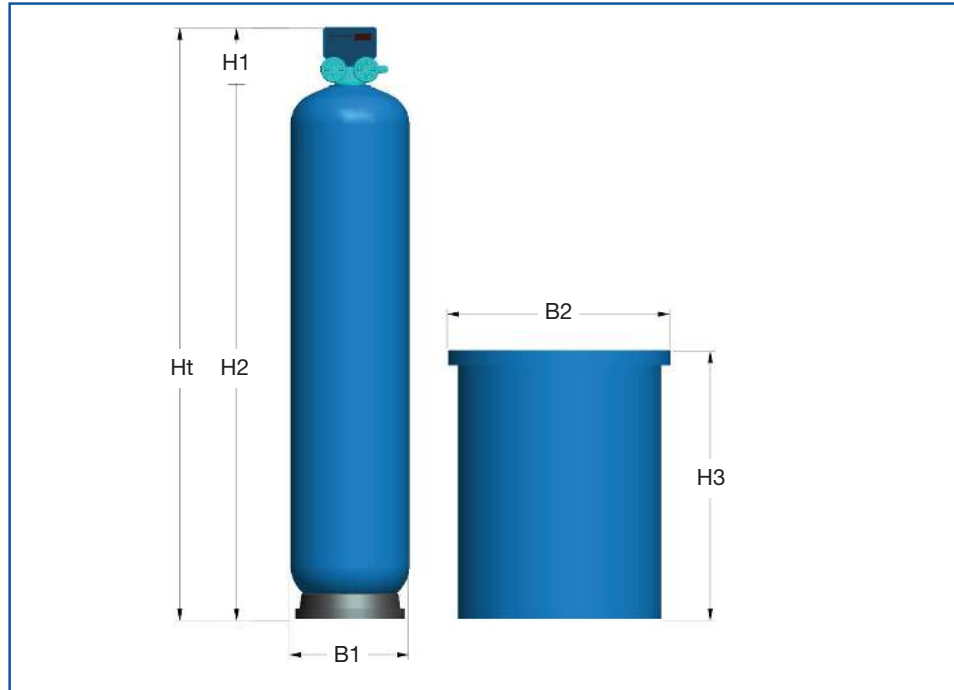


# Siata Simplex V230



## 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 <sub>3</sub>	200ppm	25m <sup>3</sup>	31.2m <sup>3</sup>	43.7m <sup>3</sup>	56.2m <sup>3</sup>	75m <sup>3</sup>
	250ppm	20m <sup>3</sup>	25m <sup>3</sup>	35m <sup>3</sup>	45m <sup>3</sup>	60m <sup>3</sup>
	300ppm	16.6m <sup>3</sup>	20.8m <sup>3</sup>	29.1m <sup>3</sup>	37.5m <sup>3</sup>	50m <sup>3</sup>
Salt Consumption	kg/reg.	12	15	21	27	36

Flow rate						
Litres of Resin		100	125	175	225	300
nominal m <sup>3</sup> /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

