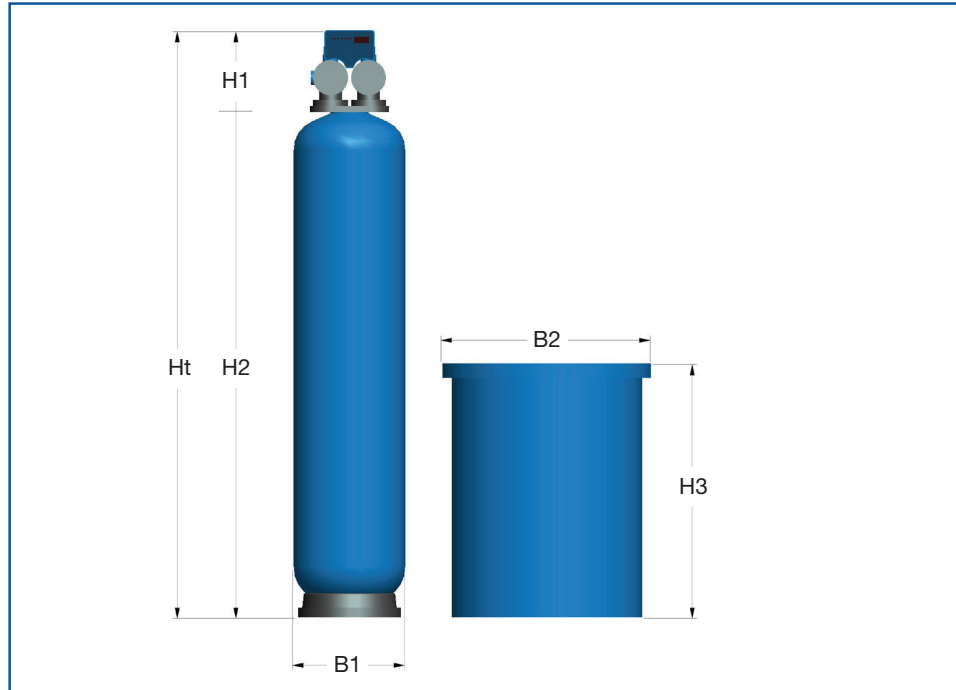


# Siata Simplex V250



## Dimensions (mm)

Resin Litres	Valve H1	Vessel H2	Vessel B1	Brine Tank H3	Brine Tank B2	Softener Ht	Inlet/Outlet
225	370	1640	552	1230	860	2010	1½"
300	370	1890	610	1230	860	2260	1½"
350	370	1890	610	1230	860	2260	1½"
500	370	2050	770	1230	860	2420	1½"

## General conditions for installation

Connection Inlet & Outlet	: 1½" Union
Drain Connection *	: 1" BSPF
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 V250

## Resin

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

Ion exchange					
Litres of Resin		225	300	350	500
Softener Capacity as CaCO <sub>3</sub>	200ppm	56.2m <sup>3</sup>	75m <sup>3</sup>	87.5m <sup>3</sup>	125m <sup>3</sup>
	250ppm	45m <sup>3</sup>	60m <sup>3</sup>	70m <sup>3</sup>	100m <sup>3</sup>
	300ppm	37.5m <sup>3</sup>	50m <sup>3</sup>	58.3m <sup>3</sup>	83.3m <sup>3</sup>
Salt Consumption	kg/reg.	27	36	42	60

Flow rate					
Litres of Resin		225	300	350	500
nominal m <sup>3</sup> /hr		9	12	14	18
minimum metered		300 Litres/Hour			

## Regeneration

Start : Fully programmable  
 Manual : Manual operation as required  
 Time Clock Version (STE0) : 7 Day  
 Volume Delayed or Immediate (ATO) : Volume  
 : Time / Volume  
 : Time

Regeneration water usage					
Litres of Resin		225	300	350	500
1) Backwash	Litres	323	570	570	950
2) Brining + Slow Rinse	Litres	642	780	910	1300
3) Fast Rinse	Litres	387	684	684	1140
Total		1352	2034	2164	3390

