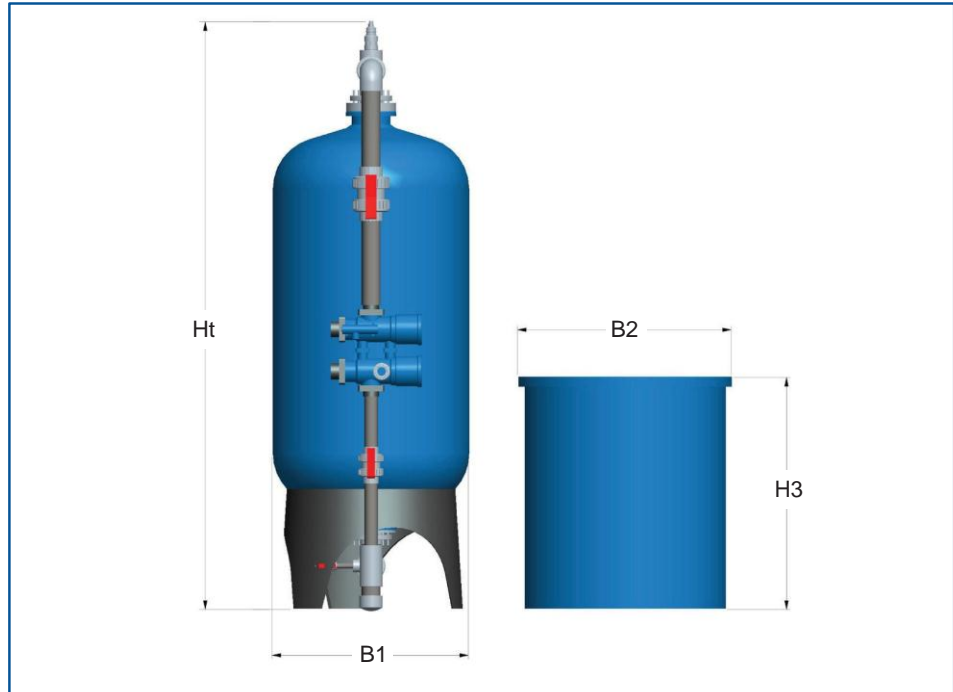


# Siata Simplex V360



## Dimensions (mm)

Resin Litres	Softener Ht	Vessel B1	Brine Tank H3	Brine Tank B2	Inlet/Outlet
500	2250	770	1290	1070	2"
750	2350	927	1290	1070	2"
750HF	2350	927	1290	1070	2½"
850 HF	2635	1074	1500	1260	3"
1000 HF	2635	1074	1500	1260	3"
1250 HF	2635	1226	1500	1260	3"

## General conditions for installation

Connection Inlet & Outlet	: 2" (500 - 700 Litre)
	: 2½" (750 Litre High Flow)
	: 3" (850 - 1250 Litre)
Drain Connection *	: 1"
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 V360

## Resin

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

Ion exchange						
Litres of Resin		500	750	850	1000	1250
Softener Capacity as CaCO <sup>3</sup>	200ppm	125m <sup>3</sup>	187.5m <sup>3</sup>	212.5m <sup>3</sup>	250m <sup>3</sup>	312.5m <sup>3</sup>
	250ppm	100m <sup>3</sup>	150m <sup>3</sup>	170m <sup>3</sup>	200m <sup>3</sup>	250m <sup>3</sup>
	300ppm	83.3m <sup>3</sup>	125m <sup>3</sup>	141.6m <sup>3</sup>	166m <sup>3</sup>	208.3m <sup>3</sup>
Salt Consumption	kg/reg.	60	90	102	120	150

Flow rate							
Litres of Resin		500	750	750HF	850	1000	1250
	nominal m <sup>3</sup> /hr	20	20	30	34	40	40
	minimum metered	750 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		500	750	850	1000	1250
1) Backwash	Litres	950	1520	1520	1520	2014
2) Brining + Slow Rinse	Litres	940	1046	1308	1620	2030
3) Fast Rinse	Litres	1330	1976	2280	2432	3625
	Total	3220	4542	5108	5572	7669



We reserve the right to alter specifications without prior notice