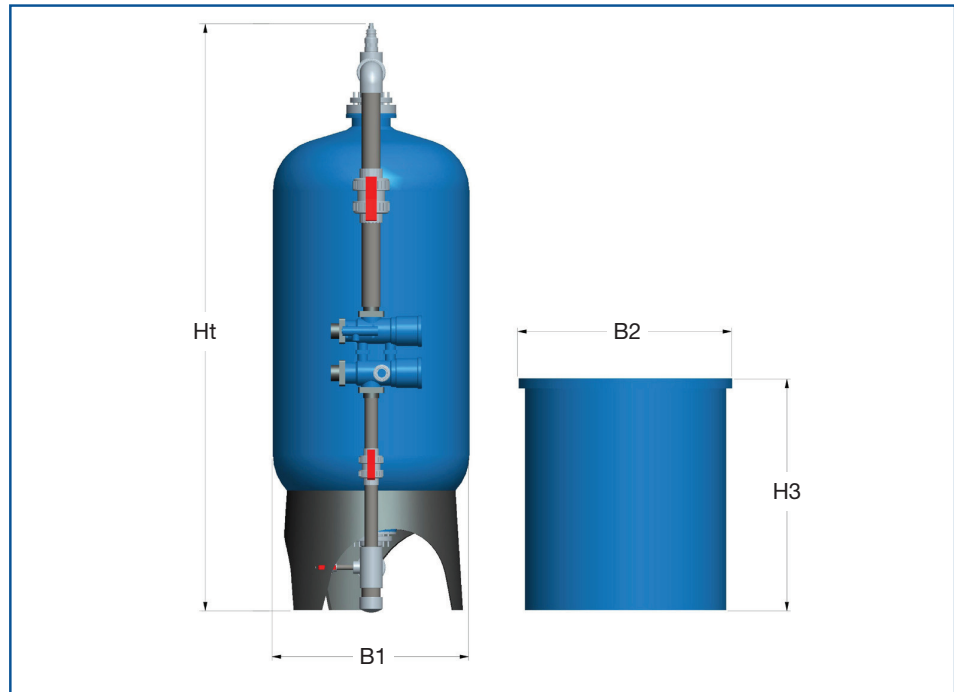


Siata Simplex V360



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 cation 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 ₃	200ppm	125m ³	187.5m ³	212.5m ³	250m ³	312.5m ³
	250ppm	100m ³	150m ³	170m ³	200m ³	250m ³
	300ppm	83.3m ³	125m ³	141.6m ³	166m ³	208.3m ³
Salt Consumption	kg/reg.	60	90	102	120	150

Flow rate								
Litres of Resin		500	750	750HF	850	1000	1250	
nominal m ³ /hr		20	20	30	34	40	40	
minimum metered		750 Litres/Hour						

Regeneration

Start : Fully programmable
 Manual : Manual operation as required
 Time Clock Version (STE0) : 7 Day
 Volume Delayed or Immediate (AT0) : 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