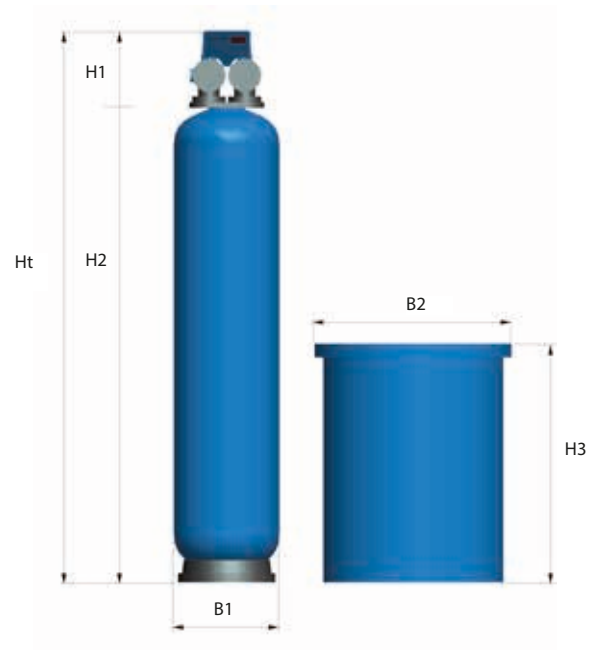


SIATA SIMPLEX V250



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"

TIME CLOCK

SIS250SFEC225	225 Litre, Time Clock, 21" x 60" tank, BT 500, 9.0m ³ /hr
SIS250SFEC300	300 Litre, Time Clock, 24" x 69" tank, BT 500, 12.0m ³ /hr
SIS250SFEC350	350 Litre, Time Clock, 24" x 69" tank, BT 500, 14.0m ³ /hr
SIS250SFEC500	500 Litre, Time Clock, 30" x 72" tank, BT 500, 18.0m ³ /hr

METER CONTROLLED

SIS250SFE225	225 Litre, Meter Controlled, 21" x 60" tank, BT 500, 9.0m ³ /hr
SIS250SFE300	300 Litre, Meter Controlled, 24" x 69" tank, BT 500, 12.0m ³ /hr
SIS250SFE350	350 Litre, Meter Controlled, 24" x 69" tank, BT 500, 14.0m ³ /hr
SIS250SFE500	500 Litre, Meter Controlled, 30" x 72" tank, BT 500, 18.0m ³ /hr

BLUE VALVES OBSOLETE BY PENTAIR.
ONCE CURRENT STOCKS HAVE BEEN EXHAUSTED BLACK VALVES WILL BE SUPPLIED.

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 to install a 25µm prefilter prior to the inlet of the water softener.
Please consult our Cintropur range of filters - page 202

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	200ppm	56.2m ³	75m ³	87.5m ³	125m ³
as CaCO ³	250ppm	45m ³	60m ³	70m ³	100m ³
	300ppm	37.5m ³	50m ³	58.3m ³	83.3m ³
Salt Consumption	kg/reg.	27	36	42	60

FLOW RATE

Litres of Resin		225	300	350	500
nominal m ³ /hr		9	12	14	18
minimum metered		300 Litres/Hour			

REGENERATION

Start	Fully programmable
Manual	Manual operation as required
Time Clock Version (SFEC)	7 Day
Volume Delayed or Immediate (SFE)	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