



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"

TIME CLOCK	
SIS230SFEC100	100 Litre, Time Clock, 14" x 65" tank, BT 300, 4.0m ³ /hr
SIS230SFEC125	125 Litre, Time Clock, 16" x 65" tank, BT 300, 5.0m ³ /hr
SIS230SFEC175	175 Litre, Time Clock, 18" x 65" tank, BT 400, 7.0m ³ /hr
SIS230SFEC225	225 Litre, Time Clock, 21" x 60" tank, BT 500, 8.0m ³ /hr
SIS230SFEC300	300 Litre, Time Clock, 24" x 69" tank, BT 500, 8.0m ³ /hr

METER CONTROLLED	
SIS230SFE100	100 Litre, Meter Controlled, 14" x 65" tank, BT 300, 4.0m ³ /hr
SIS230SFE125	125 Litre, Meter Controlled, 16" x 65" tank, BT 300, 5.0m ³ /hr
SIS230SFE175	175 Litre, Meter Controlled, 18" x 65" tank, BT 400, 7.0m ³ /hr
SIS230SFE225	225 Litre, Meter Controlled, 21" x 60" tank, BT 500, 8.0m ³ /hr
SIS230SFE300	300 Litre, Meter Controlled, 24" x 69" tank, BT 500, 8.0m 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	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 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	100	125	175	225	300
Softener Capacity 200ppm as CaCO ³	25m ³	31.2m ³	43.7m ³	56.2m ³	75m ³
250ppm	20m ³	25m ³	35m ³	45m ³	60m ³
300ppm	16.6m ³	20.8m ³	29.1m ³	37.5m ³	50m ³
Salt Consumption kg/reg.	12	15	21	27	36

FLOW RATE

Litres of Resin	100	125	175	225	300
nominal m ³ /hr	4	5	7	8	8
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	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