



SIATA SIMPLEX V132

DIMENSIONS (MM)							
Resin Litres	Valve H1	Vessel H2	Vessel B1	Brine Tank H3	Brine Tank B2	Softener Ht	Inlet/ Outlet
15	195	904	208	780	590	1099	1"
30	195	905	257	830	670	1100	1"
50	195	1387	257	830	670	1582	1"
60	195	1235	304	830	670	1430	1"
75	195	1374	334	830	670	1569	1"
100	195	1660	369	1000	760	1855	1"
125	195	1660	406	1000	760	1855	1"
175	195	1750	469	1000	760	1945	1"

TIME CLOCK	
SIS132SFEC15	15 Litre, Time Clock, 8" x 35" tank, BT 130, 0.6m ³ /hr
SIS132SFEC30	30 Litre, Time Clock, 10" x 35" tank, BT 200, 1.2m ³ /hr
SIS132SFEC50	50 Litre, Time Clock, 10" x 54" tank, BT 200, 2.0m ³ /hr
SIS132SFEC60	60 Litre, Time Clock, 12" x 48" tank, BT 200, 2.4m ³ /hr
SIS132SFEC75	75 Litre, Time Clock, 13" x 54" tank, BT 200, 3.0m ³ /hr
SIS132SFEC100	100 Litre, Time Clock, 14" x 65" tank, BT 300, 4.0m ³ /hr
SIS132SFEC125	125 Litre, Time Clock, 16" x 65" tank, BT 300, 4.5m ³ /hr
SIS132SFEC175	175 Litre, Time Clock, 18" x 65" tank, BT 300, 4.5m ³ /hr

METER CONTROLLED	
SIS132SFE15	15 Litre, Meter Controlled, 8" x 35" tank, BT 130, 0.6m ³ /hr
SIS132SFE30	30 Litre, Meter Controlled, 10" x 35" tank, BT 200, 1.2m ³ /hr
SIS132SFE50	50 Litre, Meter Controlled, 10" x 54" tank, BT 200, 2.0m ³ /hr
SIS132SFE60	60 Litre, Meter Controlled, 12" x 48" tank, BT 200, 2.4m ³ /hr
SIS132SFE75	75 Litre, Meter Controlled, 13" x 54" tank, BT 200, 3.0m ³ /hr
SIS132SFE100	100 Litre, Meter Controlled, 14" x 65" tank, BT 300, 4.0m ³ /hr
SIS132SFE125	125 Litre, Meter Controlled, 16" x 65" tank, BT 300, 4.5m ³ /hr
SIS132SFE175	175 Litre, Meter Controlled, 18" x 65" tank, BT 300, 4.5m 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	1" BSP
Drain Connection *	3/4" 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 - pages 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	15	30	50	60	75	100	125	175
Softener Capacity 200ppm	3.7m ³	7.5m ³	12.5m ³	15m ³	18.7m ³	25m ³	31.2m ³	43.7m ³
as CaCO ₃ 250ppm	3.0m ³	6.0m ³	10m ³	12m ³	15m ³	20m ³	25m ³	35m ³
300ppm	2.5m ³	5m ³	8.3m ³	10m ³	12.5m ³	16.6m ³	20.8m ³	29.1m ³
Salt Consumption kg/reg.	1.8	3.6	6.0	7.2	9.0	12	15	21

FLOW RATE

Litres of Resin	15	30	50	60	75	100	125	175
nominal m ³ /hr	0.6	1.2	2.0	2.4	3.0	4.0	4.5	4.5
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	15	30	50	60	75	100	125	175
1) Backwash Litres	21	48	94	128	128	195	195	226
2) Brining + Slow Rinse Litres	40	83	131	158	197	252	285	471
3) Fast Rinse Litres	37	64	94	128	128	195	243	283
Total	98	195	319	414	453	642	723	980