



SIATA DUPLEX 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"

METER CONTROLLED	
SID132SFE15	15 Litre, Meter Controlled, 8" x 35" tank, BT 130, 0.6m ³ /hr
SID132SFE30	30 Litre, Meter Controlled, 10" x 35" tank, BT 200, 1.2m ³ /hr
SID132SFE50	50 Litre, Meter Controlled, 10" x 54" tank, BT 200, 2.0m ³ /hr
SID132SFE60	60 Litre, Meter Controlled, 12" x 48" tank, BT 200, 2.4m ³ /hr
SID132SFE75	75 Litre, Meter Controlled, 13" x 54" tank, BT 200, 3.0m ³ /hr
SID132SFE100	100 Litre, Meter Controlled, 14" x 65" tank, BT 300, 4.0m ³ /hr
SID132SFE125	125 Litre, Meter Controlled, 16" x 65" tank, BT 300, 4.5m ³ /hr
SID132SFE175	175 Litre, Meter Controlled, 18" x 65" tank, BT 300, 4.5m ³ /hr

OPTIONS	
ES2050 OPTION	Wall Mounted ES2050 Controller - Duty Standby / Parallel

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

GENERAL CONDITIONS FOR INSTALLATION

Connection Inlet & Outlet	1"
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 - 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	Meter Immediate
	Remote Start
Manual	Manual operation as required

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