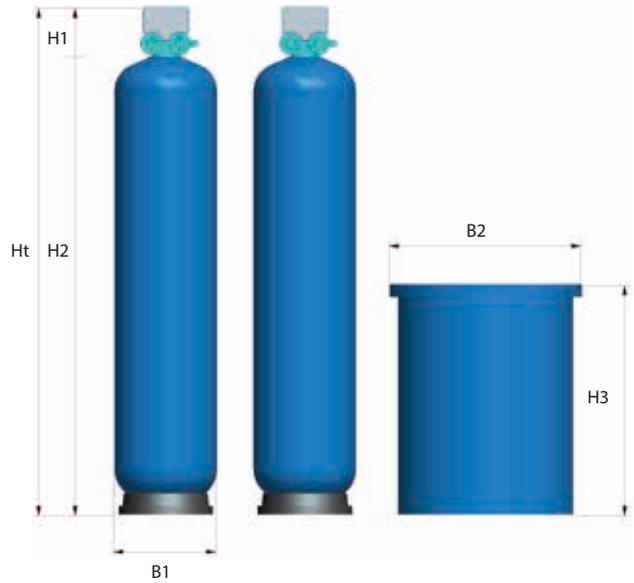


SIATA DUPLEX V230



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"

METER CONTROLLED

SID230SFE100	100 Litre, Meter Controlled, 14" x 65" tank, BT 300, 4m ³ /hr
SID230SFE125	125 Litre, Meter Controlled, 16" x 65" tank, BT 300, 5m ³ /hr
SID230SFE175	175 Litre, Meter Controlled, 18" x 65" tank, BT 400, 7m ³ /hr
SID230SFE225	225 Litre, Meter Controlled, 21" x 60" tank, BT 500, 8m ³ /hr
SID230SFE300	300 Litre, Meter Controlled, 24" x 69" tank, BT 500, 8m ³ /hr

OPTIONS

ES2050 OPTION	Wall Mounted ES2050 Controller - Duty Standby / Parallel
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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	25m ³	31.2m ³	43.7m ³	56.2m ³	75m ³
as CaCO 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	Meter Immediate
	Remote Start
Manual	Manual operation as required

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