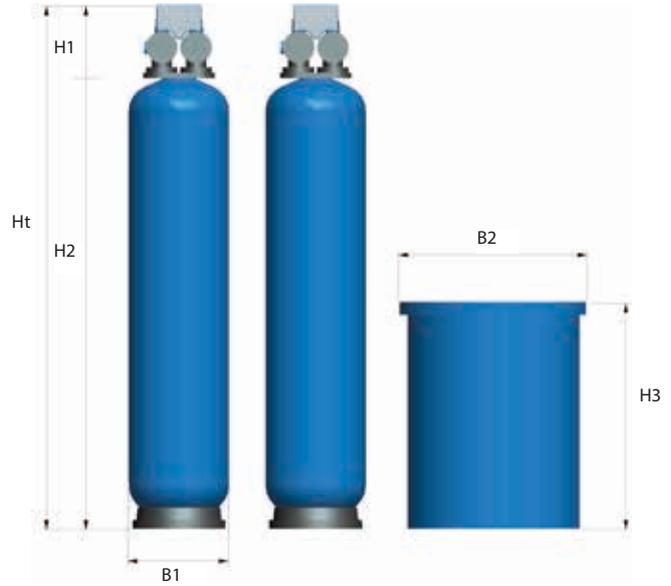


SIATA DUPLEX V250



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"

METER CONTROLLED	
SID250SFE225	225 Litre, Meter Controlled, 21" x 60" tank, BT 500, 9m ³ /hr
SID250SFE300	300 Litre, Meter Controlled, 24" x 69" tank, BT 500, 12m ³ /hr
SID250SFE350	350 Litre, Meter Controlled, 24" x 69" tank, BT 500, 14m ³ /hr
SID250SFE500	500 Litre, Meter Controlled, 30" x 72" tank, BT 500, 18m 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	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	Meter Immediate
	Remote Start
Manual	Manual operation as required

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