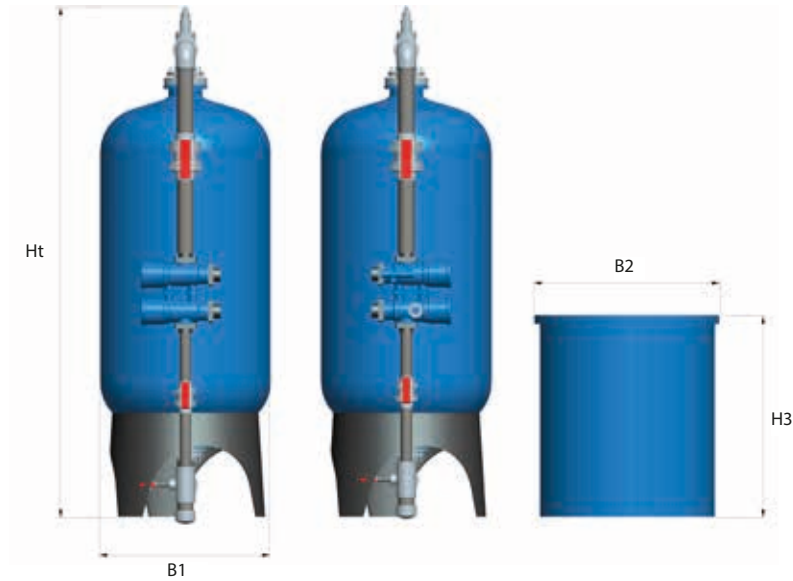


## DUPLEX SOFTENERS



## SIATA DUPLEX V360

DIMENSIONS (MM)					
Resin Litres	Softener Ht	Vessel B1	Brine Tank H3	Brine Tank B2	Inlet/ Outlet
500	2250	770	1290	1070	2"
750	2350	927	1290	1070	2"
750HF	2350	927	1290	1070	2½"
850 HF	2635	1074	1500	1260	3"
1000 HF	2635	1074	1500	1260	3"
1250 HF	2635	1226	1500	1260	3"

METER CONTROLLED	
SID360SFE500	500 Litre, Meter Controlled, 30" x 72" tank, BT 1000, 20m <sup>3</sup> /hr
SID360SFE750	750 Litre, Meter Controlled, 36" x 72" tank, BT 1000, 20m <sup>3</sup> /hr
SID360SFE750HF	750 Litre, Meter Controlled, 36" x 78" tank, BT 1000, 30m <sup>3</sup> /hr
SID360SFE850HF	850 Litre, Meter Controlled, 42" x 78" tank, BT 1750, 34m <sup>3</sup> /hr
SID360SFE1000HF	1000 Litre, Meter Controlled, 42" x 78" tank, BT 1750, 40m <sup>3</sup> /hr
SID360SFE1250HF	1250 Litre, Meter Controlled, 48" x 82" tank, BT 1750, 40m <sup>3</sup> /hr

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

THE 360 VALVES HAVE BEEN OBSOLETE BY PENTAIR.  
ONCE OUR STOCK HAS BEEN EXHAUSTED THIS RANGE WILL NO LONGER BE AVAILABLE.  
SPARE PARTS AND SERVICE KITS ARE STILL AVAILABLE FOR THE 360 RANGE

## GENERAL CONDITIONS FOR INSTALLATION

Connection Inlet & Outlet	2" (500 - 700 Litre)
	2½" (750 Litre High Flow)
	3" (850 - 1250 Litre)
Drain Connection *	1"
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		500	750	850	1000	1250
Softener Capacity	200ppm	125m <sup>3</sup>	187.5m <sup>3</sup>	212.5m <sup>3</sup>	250m <sup>3</sup>	312.5m <sup>3</sup>
as CaCO <sup>3</sup>	250ppm	100m <sup>3</sup>	150m <sup>3</sup>	170m <sup>3</sup>	200m <sup>3</sup>	250m <sup>3</sup>
	300ppm	83.3m <sup>3</sup>	125m <sup>3</sup>	141.6m <sup>3</sup>	166m <sup>3</sup>	208.3m <sup>3</sup>
Salt Consumption	kg/reg.	60	90	102	120	150

FLOW RATE							
Litres of Resin		500	750	750HF	850	1000	1250
nominal m <sup>3</sup> /hr		20	20	30	34	40	40
minimum metered		750 Litres/Hour					

## REGENERATION

Start	Meter Immediate
	Remote Start
Manual	Manual operation as required

REGENERATION WATER USAGE						
Litres of Resin		500	750	850	1000	1250
1) Backwash	Litres	950	1520	1520	1520	2014
2) Brining + Slow Rinse	Litres	940	1046	1308	1620	2030
3) Fast Rinse	Litres	1330	1976	2280	2432	3625
	Total	3220	4542	5108	5572	7669