



## FLECK SIMPLEX 2750

DIMENSIONS (MM)							
Resin Litres	Valve H1	Vessel H2	Vessel B1	Brine Tank H3	Brine Tank B2	Softener Ht	Inlet/ Outlet
75	220	1374	334	830	670	1594	1"
100	220	1660	369	830	670	1880	1"
125	220	1660	369	830	670	1880	1"
150	220	1660	406	1135	805	1880	1"

2750 SXT TIME CLOCK	
FLS27SXT75	75 Litre, SXT Time Clock , 13" x 54" tank, BT 200, 3.4m <sup>3</sup> /hr
FLS27SXT100	100 Litre, SXT Time Clock , 14" x 65" tank, BT 200, 3.9m <sup>3</sup> /hr
FLS27SXT125	125 Litre, SXT Time Clock , 14" x 65" tank, BT 200, 4.4m <sup>3</sup> /hr
FLS27SXT150	150 Litre, SXT Time Clock , 16" x 65" tank, BT 300, 5.0m <sup>3</sup> /hr

2750 SXT METER CONTROLLED (ONLY AVAILABLE WITH 1 INCH WATER METER)	
FLS27SXT75	75 Litre, SXT Meter Controlled, 13" x 54" tank, BT 200, 3.4m <sup>3</sup> /hr
FLS27SXT100	100 Litre, SXT Meter Controlled, 14" x 65" tank, BT 200, 3.9m <sup>3</sup> /hr
FLS27SXT125	125 Litre, SXT Meter Controlled, 14" x 65" tank, BT 200, 4.4m <sup>3</sup> /hr
FLS27SXT150	150 Litre, SXT Meter Controlled, 16" x 65" tank, BT 300, 5.0m <sup>3</sup> /hr

OPTIONS	
6108998924	Auxiliary Microswitch

Please note: NBP - No By Pass - option would be supplied with NXT controllers. Price and availability on request.

## GENERAL CONDITIONS FOR INSTALLATION

Connection Inlet & Outlet	1" BSPM
Drain Connection *	3/4" BSPF
Electrical Rating	230-24V / 50 Hz
Power Rating	35 watts
Minimum Inlet Pressure	200 kPa ( 2 Bar )
Maximum Inlet Pressure	700 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		75	100	125	150
Softener Capacity	200ppm	18.7m <sup>3</sup>	25m <sup>3</sup>	31.2m <sup>3</sup>	37.5m <sup>3</sup>
as CaCO <sup>3</sup>	250ppm	15m <sup>3</sup>	20m <sup>3</sup>	25m <sup>3</sup>	30m <sup>3</sup>
	300ppm	12.5m <sup>3</sup>	16.6m <sup>3</sup>	20.8m <sup>3</sup>	25m <sup>3</sup>
Salt Consumption	kg/reg.	9	13	15	18

### FLOW RATE

Litres of Resin	75	100	125	150
nominal m <sup>3</sup> /hr	3.4	3.9	4.1	4.1
peak m <sup>3</sup> /hr	4.6	4.6	5.2	5.2
minimum metered	60 Litres/Hour (3/4" Meter) - 160 Litres/Hour (1" Meter)			

## REGENERATION

Time Clock Version		SXT Time Clock (NBP - NXT2 only - POA)
Volume Delayed or Immediate	3/4" Meter	SXT Meter (NBP - NXT2 only - POA)
	1" Meter	SXT Meter (NBP - NXT2 only - POA)
Manual		Manual operation as required

Remarks:

The interval between regenerations should not be more than 4 days, this is to prevent bacteria growth.  
Regenerations should be more than 8 hours apart.

### REGENERATION WATER USAGE

Litres of Resin		75	100	125	150
1) Backwash	Litres	110	150	210	380
2) Brining + Slow Rinse	Litres	180	230	220	300
3) Fast Rinse	Litres	130	190	380	380