



FLECK SIMPLEX 2910

DIMENSIONS (MM)							
Resin Litres	Valve H1	Vessel H2	Vessel B1	Brine Tank H3	Brine Tank B2	Softener Ht	Inlet/ Outlet
100	320	1660	369	830	670	1980	2"
125	320	1660	369	830	670	1980	2"
150	320	1660	406	1185	805	1980	2"
200	320	1640	552	1185	805	1960	2"
250	320	1640	552	1185	805	1960	2"
300	320	1890	610	1185	805	2210	2"
350	320	1890	610	1315	960	2210	2"
400	320	2050	770	1315	960	2370	2"
500	320	2050	770	1315	960	2370	2"
700	320	2150	927	1315	960	2470	2"

2910 NXT2 METER CONTROLLED NBP (NO BYPASS)	
FLS29NXT100	100 Litre, NXT2 Meter Controlled, 14" x 65" tank, BT 200, 3.9m ³ /hr
FLS29NXT125	125 Litre, NXT2 Meter Controlled, 14" x 65" tank, BT 200, 4.4m ³ /hr
FLS29NXT150	150 Litre, NXT2 Meter Controlled, 16" x 65" tank, BT 300, 5.3m ³ /hr
FLS29NXT200	200 Litre, NXT2 Meter Controlled, 21" x 60" tank, BT 300, 7.0m ³ /hr
FLS29NXT250	250 Litre, NXT2 Meter Controlled, 21" x 60" tank, BT 300, 8.8m ³ /hr
FLS29NXT300	300 Litre, NXT2 Meter Controlled, 24" x 69" tank, BT 300, 11m ³ /hr
FLS29NXT350	350 Litre, NXT2 Meter Controlled, 24" x 69" tank, BT 650, 12m ³ /hr
FLS29NXT400	400 Litre, NXT2 Meter Controlled, 30" x 72" tank, BT 650, 18m ³ /hr
FLS29NXT500	500 Litre, NXT2 Meter Controlled, 30" x 72" tank, BT 650, 18m ³ /hr
FLS29NXT700	700 Litre, NXT2 Meter Controlled, 36" x 72" tank, BT 650, 18m ³ /hr

GENERAL CONDITIONS FOR INSTALLATION

Connection Inlet & Outlet	2" BSPF
Drain Connection *	3/4" BSPF
Electrical Rating	230-24V / 50 Hz
Power Rating	65 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		100	125	150	200	250	300	350	400	500	700
Softener Capacity	200ppm	25m ³	31.2m ³	37.5m ³	50m ³	62.5m ³	75m ³	87.5m ³	100m ³	125m ³	175m ³
as CaCO ³	250ppm	20m ³	25m ³	30m ³	40m ³	50m ³	60m ³	70m ³	80m ³	100m ³	140m ³
	300ppm	16.6m ³	20.8m ³	25m ³	33.3m ³	41.6m ³	50m ³	58.3m ³	66.6m ³	83.3m ³	116.6m ³
Salt Consumption	kg/reg.	13	15	18	26	31	36	46	51	61	72

FLOW RATE

Litres of Resin	100	125	150	200	250	300	350	400	500	700	
nominal m ³ /hr	3.9	4.4	5.3	7.0	8.8	11	12	14	18	18	
peak m ³ /hr	4.6	5.0	6.0	8.0	10	12	14	16	20	23	
minimum metered	780 Litres/Hour										

REGENERATION

Time Clock Version	NXT2 Time Clock
Volume Delayed or Immediate	NXT2 Meter
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		100	125	150	200	250	300	350	400	500	700
1) Backwash	Litres	150	150	210	270	380	570	570	950	950	835
2) Brining + Slow Rinse	Litres	345	345	325	450	465	475	620	650	910	1805
3) Fast Rinse	Litres	190	190	270	370	530	800	800	1330	1330	1340
	Total	685	685	805	1090	1375	1845	1990	2930	3190	3980