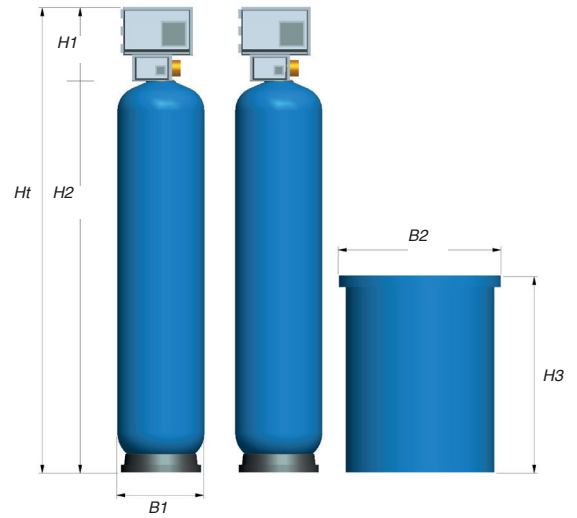


Fleck Duplex 2910



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.

Dimensions (mm)

Resin Litres	Valve H1	Vessel H2	Vessel B1	Brine Tank H3	Brine Tank B2	Softener Ht	Inlet/ Outlet
125	320	1660	369	1315	960	1980	2"
150	320	1660	406	1315	960	1980	2"
200	320	1640	552	1315	960	1960	2"
250	320	1640	552	1315	960	1960	2"
300	320	1890	610	1315	960	2210	2"
350	320	1890	610	1315	960	2210	2"
500	320	2050	770	1310	1205	2370	2"
600	320	2150	927	1500	1260	2470	2"
700	320	2150	927	1500	1260	2470	2"

Fleck Duplex 2910

Resin

Type	Strong acid cation resin - softening, food grade quality
Life Span	15 years under normal operating conditions

Ion exchange											
Litres of Resin		125	150	200	250	300	350	400	500	600	700
Softener Capacity	200ppm	31.2m ³	37.5m ³	50m ³	62.5m ³	75m ³	87.5m ³	100m ³	125m ³	150m ³	175m ³
as CaCO³	250ppm	25m ³	30m ³	40m ³	50m ³	60m ³	70m ³	80m ³	100m ³	120m ³	100m ³
	300ppm	20.8m ³	25m ³	33.3m ³	41.6m ³	50m ³	58.3m ³	66.6m ³	83.3m ³	100m ³	116m ³
Salt Consumption	kg/reg.	15	18	24	30	36	42	48	60	72	84

Flow rate											
Litres of Resin		125	150	200	250	300	350	400	500	600	700
Nominal m³/hr		4.4	5.3	7.0	8.8	11	12	14	18	18	18
Peak m³/hr		5.0	6.0	8.0	10	12	14	16	20	20	20
Minimum Metered		660 Litres/Hour									

Regeneration

Start	Immediately after reaching the set capacity	
Manual	Manual operation as required	
Option	ES2050 Electronic Controller	
Meter Type	2" Remote Meter	NXT2 Electronic System 7
	2" Multi-Jet Meter	ES2050 Electronic Controller

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		125	150	200	250	300	350	400	500	600	700
1) Backwash	Litres	150	210	270	380	570	570	950	950	835	835
2) Brining + Slow Rinse	Litres	345	325	450	465	475	620	650	910	1120	1805
3) Fast Rinse	Litres	190	270	370	530	800	800	1330	1330	1340	1340
	Total	685	805	1090	1375	1845	1990	2930	3190	3295	3980