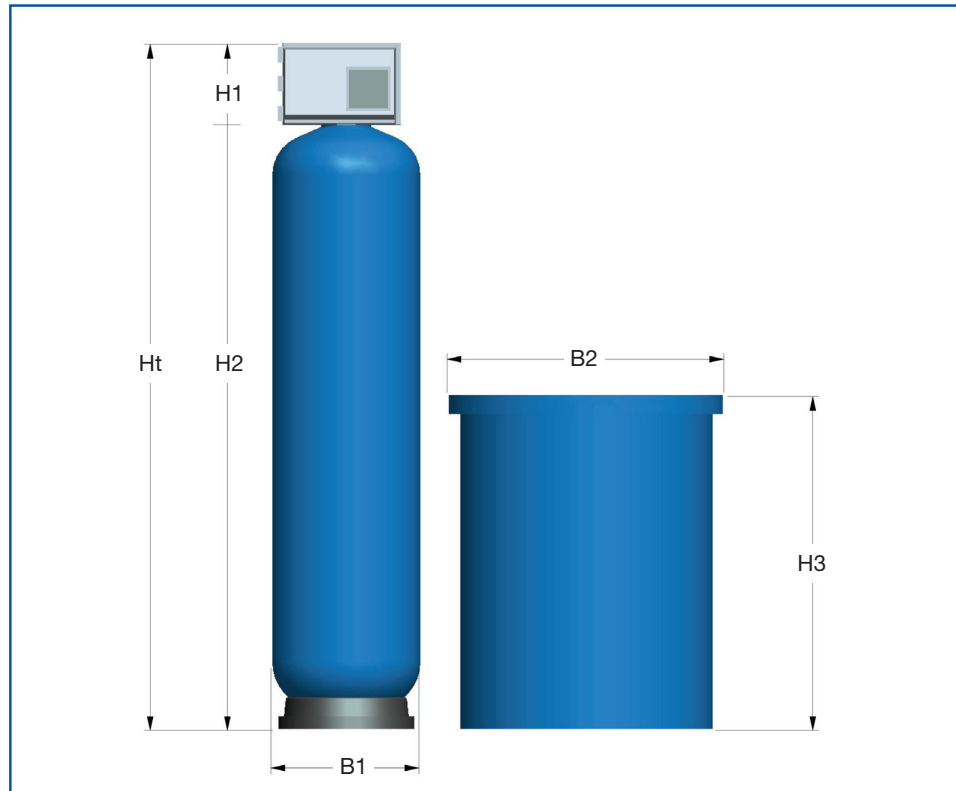


Fleck Simplex 2750



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	1000	760	1880	1"
200	220	1640	552	1000	760	1860	1"
250	220	1640	552	930	870	1860	1"
300	220	1890	610	930	870	2110	1"

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 that a 20µm Pre-cartridge filter be installed prior to the inlet of the water softener

Fleck Simplex 2750

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	200	250	300
Softener Capacity as CaCO ₃	200ppm	18.7m ³	25m ³	31.2m ³	37.5m ³	50m ³	62.5m ³	75m ³
	250ppm	15m ³	20m ³	25m ³	30m ³	40m ³	50m ³	60m ³
	300ppm	12.5m ³	16.6m ³	20.8m ³	25m ³	33.3m ³	41.6m ³	50m ³
Salt Consumption	kg/reg.	9	13	15	18	26	31	36

Flow rate								
Litres of Resin		75	100	125	150	200	250	300
	nominal m ³ /hr	3.4	3.9	4.1	4.1	4.1	4.1	4.1
	peak m ³ /hr	2.6	4.6	5.2	5.2	5.2	5.2	5.2
	minimum metered	60 Litres/Hour (¾" Meter) - 160 Litres/Hour (1" Meter)						

Regeneration

Time Clock Version	:	7 or 12 days (2.00am default time regeneration)
Volume Delayed or Immediate	¾" Meter :	8 or 40m ³ (delayed 2.00am default time regeneration)
	1" Meter :	20 or 100m ³ (delayed 2.00am default time regeneration)
	:	SE/SXT 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		75	100	125	150	200	250	300
1) Backwash	Litres	110	150	210	380	270	380	570
2) Brining + Slow Rinse	Litres	180	230	220	300	460	460	430
3) Fast Rinse	Litres	130	190	380	380	370	530	800
Salt Consumption	Total	420	570	810	1060	1100	1370	1800