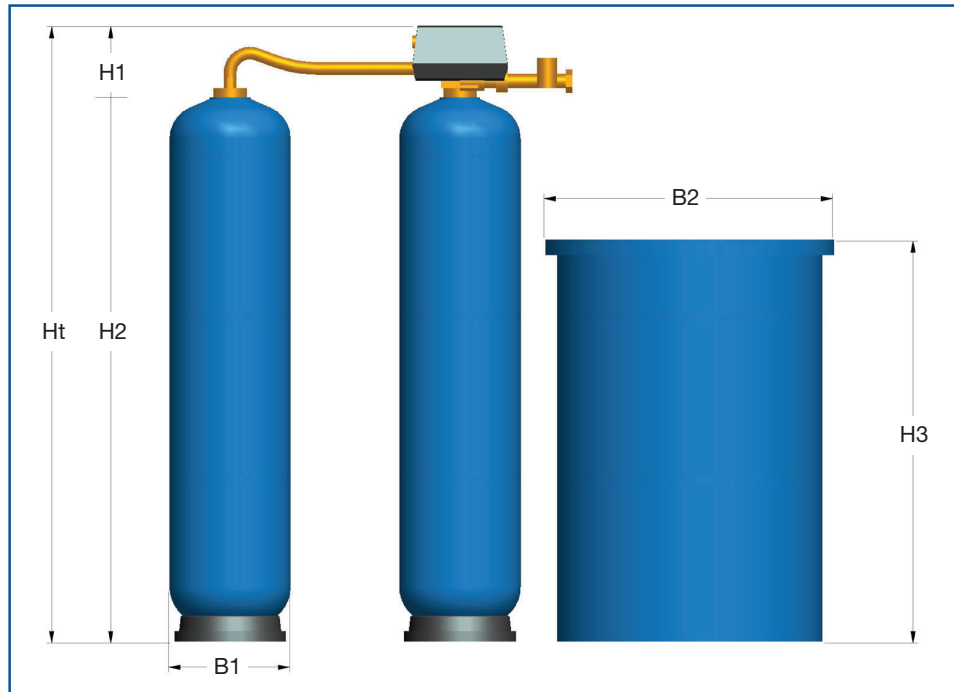


Fleck Duplex 9500



Dimensions (mm)

Resin Litres	Valve H1	Vessel H2	Vessel B1	Brine Tank H3	Brine Tank B2	Softener Ht	Inlet/Outlet
120	210	1660	369	1230	860	1870	1½"
140	210	1660	406	1230	860	1870	1½"
200	210	1640	510	1100	1000	1850	1½"
250	210	1640	510	1100	1000	1850	1½"
300	210	1890	610	1100	1000	2100	1½"
350	210	1890	610	1100	1000	2100	1½"

General conditions for installation

Connection Inlet & Outlet	: 1½" BSPF
Drain Connection *	: 3/4" BSPF
Electrical Rating	: 230-24V / 50 Hz
Power Rating	: 55 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 Duplex 9500

Resin

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

Ion exchange							
Litres of Resin		120	140	200	250	300	350
Softener Capacity as CaCO ₃	200ppm	30m ³	35m ³	50m ³	62.5m ³	75m ³	87.5m ³
	250ppm	24m ³	28m ³	40m ³	50m ³	60m ³	70m ³
	300ppm	20m ³	23.3m ³	33.3m ³	41.6m ³	50m ³	58.3m ³
Salt Consumption	kg/reg.	15	17	24	30	36	42

Flow rate							
Litres of Resin		120	140	200	250	300	350
nominal m ³ /hr		4.8	5.6	6.8	6.8	6.8	6.8
peak m ³ /hr		6.9	8.3	8.0	8.4	8.4	8.4
minimum metered		300 Litres/Hour					

Regeneration

Start : Immediately after reaching the set capacity
 Manual : Manual operation as required
 Volume Immediate : 20 or 200 m³
 : SE/SXT Meter

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		120	140	200	250	300	350
1) Backwash	Litres	305	305	265	380	570	570
2) Brining + Slow Rinse	Litres	215	250	450	440	330	675
3) Fast Rinse	Litres	380	380	370	530	800	800
Total		900	935	1085	1350	1700	2045