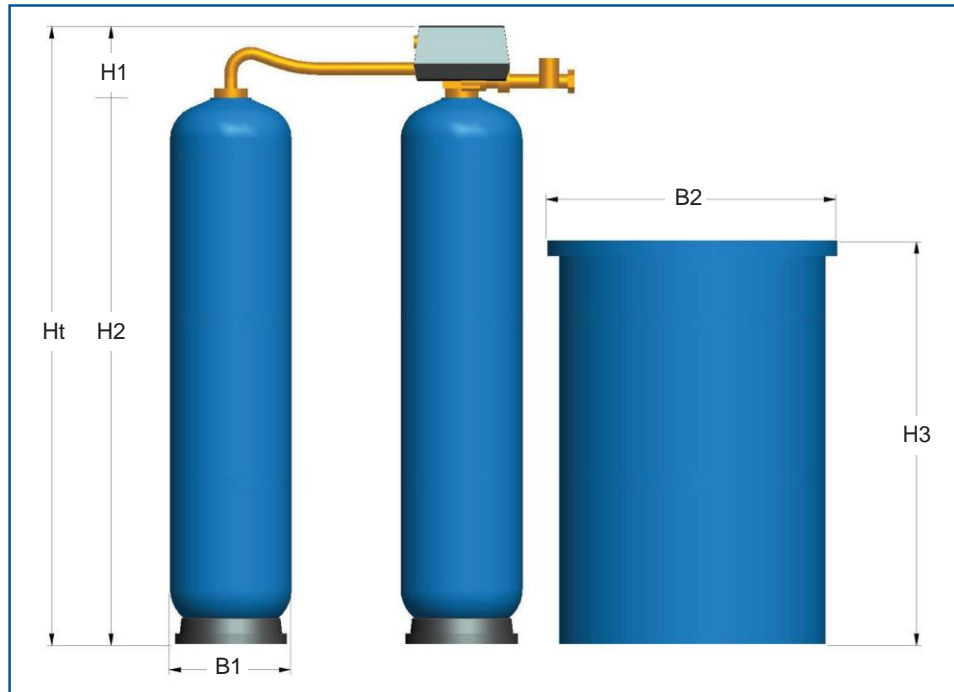


# Fleck Duplex 9500



## 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 *	: ¾" 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 cat ion 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 <sup>3</sup>	200ppm	30m <sup>3</sup>	35m <sup>3</sup>	50m <sup>3</sup>	62.5m <sup>3</sup>	75m <sup>3</sup>	87.5m <sup>3</sup>
	250ppm	24m <sup>3</sup>	28m <sup>3</sup>	40m <sup>3</sup>	50m <sup>3</sup>	60m <sup>3</sup>	70m <sup>3</sup>
	300ppm	20m <sup>3</sup>	23.3m <sup>3</sup>	33.3m <sup>3</sup>	41.6m <sup>3</sup>	50m <sup>3</sup>	58.3m <sup>3</sup>
Salt Consumption	kg/reg.	15	17	24	30	36	42

Flow rate							
Litres of Resin		120	140	200	250	300	350
	nominal m <sup>3</sup> /hr	4.8	5.6	6.8	6.8	6.8	6.8
	peak m <sup>3</sup> /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 m<sup>3</sup>  
 : 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



We reserve the right to alter specifications without prior notice