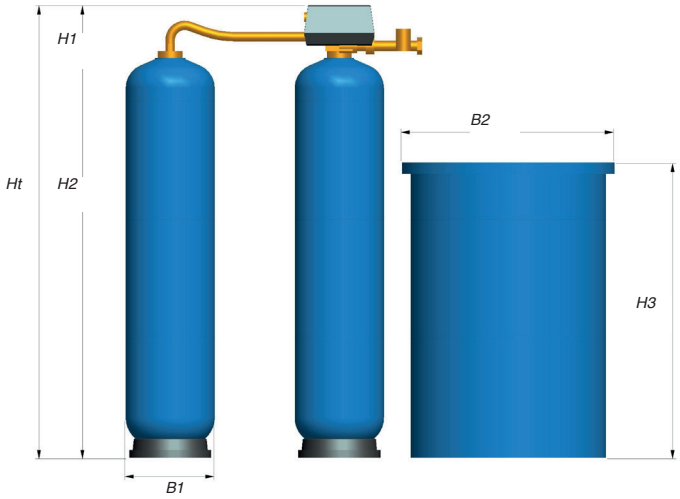
Fleck Duplex 9500



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 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
120	210	1660	369	1315	960	1870	1½"
140	210	1660	406	1315	960	1870	1½"
200	210	1640	510	1315	960	1850	1½"
250	210	1640	510	1315	960	1850	1½"
300	210	1890	610	1315	960	2100	1½"
350	210	1890	610	1315	960	2100	1½"

GAPS Water Treatment

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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	200ppm	$30m^3$	$35m^3$	$50m^3$	$62.5m^3$	$75m^3$	$87.5m^3$
as $CaCO^3$	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	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

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