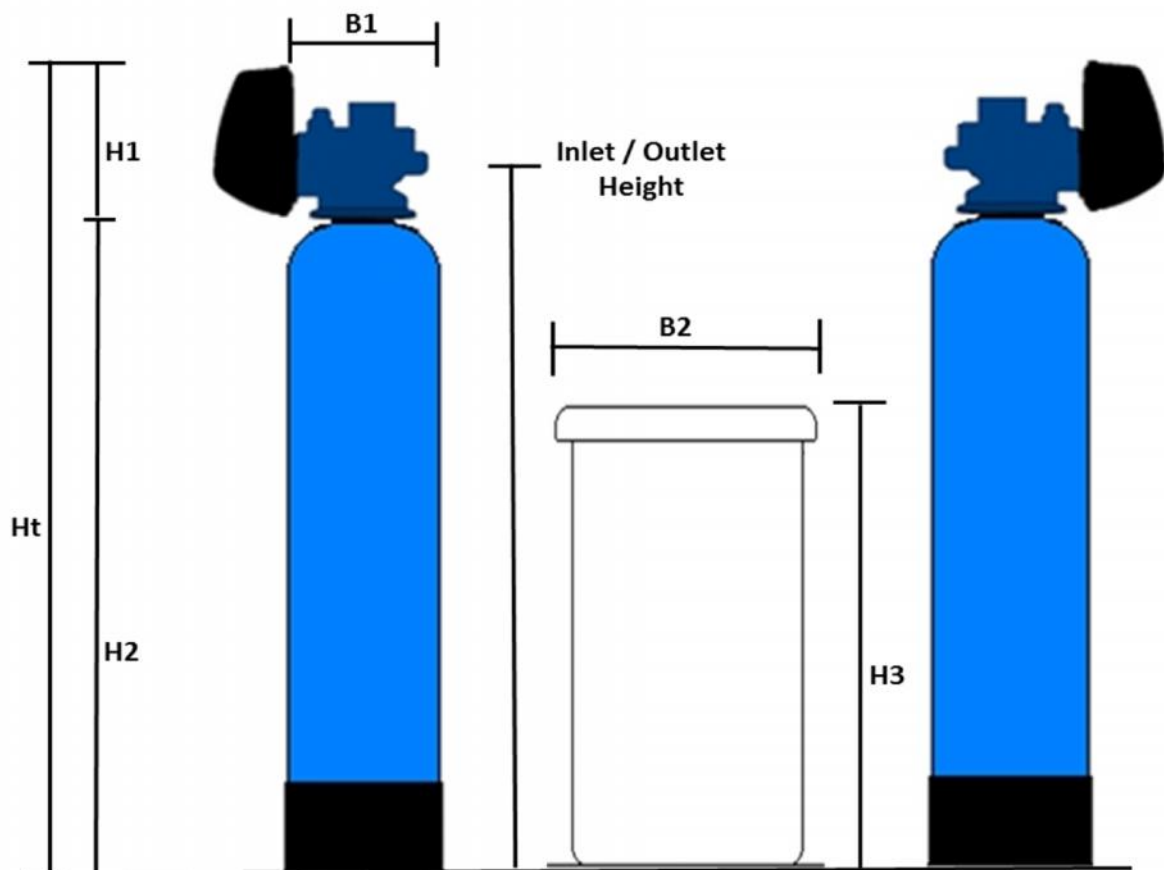


TECHNICAL DATA SHEET DUPLEX SOFTENER

Clack WS 1.5 CI

Dimensions (cm)



resin L	valve H1	vessel H2	brine tank H3	softener Ht	IN&OUT	vessel B1	brine tank B2	weight (*) kg
200	25	181	124	206	189	51	87 ϕ	450
250	25	164	111	189	172	53	100 ϕ	461
350	25	188	111	213	196	61	100 ϕ	734

(*) Estimated weight of the system without water or salt.

(**) Sizes may vary dependent on components used and should only be used as a guide.

General conditions for installation

Connection IN & OUT:	1.5"
Drain connection(*):	3/4", 1" or 1.25" dependent on flow
Electrical rating:	230V 50Hz 12V transformation
Max power rating:	6W
IP protection class:	Double isolated transformer
Minimum inlet pressure :	200 kPa (2 bar)
Maximum inlet pressure:	600 kPa (6 bar)
Vacuum:	No allowance
Average pressure loss (**):	100 kPa (1 bar)
Min-max water temperature:	5-35°C

Remarks

(*) Dependent on Drain line flow control.

(**) Under normal circumstances - it is always recommended to install a 25µ-cartridge filter

Resin

Type	: Strong acid cation resin - softening ,food grade quality
Life span	: 15 years under normal circumstances

Ion exchange (for average salt consumption of 150 g/L

	litres of resin	200	250	350
capacity	kg CaCO ₃	10	12.5	17.5
	M ³ @ 300 ppm	33	41.6	58.3
salt consumption	kg salt/regen.	30	37.5	52.5

Regeneration

Start :	Default Time 2:00 am, set on the timer (delayed regeneration) Options : TIME - VOLUME - IMMEDIATE - DELAYED - DAYS OVERRIDE and manual regeneration
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Total time :	<table border="1"><tr><td>95</td><td>72</td><td>77</td></tr></table>	95	72	77
95	72	77		

Remarks

The interval between regenerations should not be more than 14 days to prevent bacterial growth.

Flow rate

	litres of resin	200	250	350
nominal	m ³ /h	8	10	14
minimum	L/h	120	120	120

Consumption of rinse water

	litres of resin	200	250	350
1.Backwash	litres	170	246	284
2.Brining + Slow rin	litres	528	972	806
4.Fast rinse	litres	204	295	341
total	litres	902	1513	1431