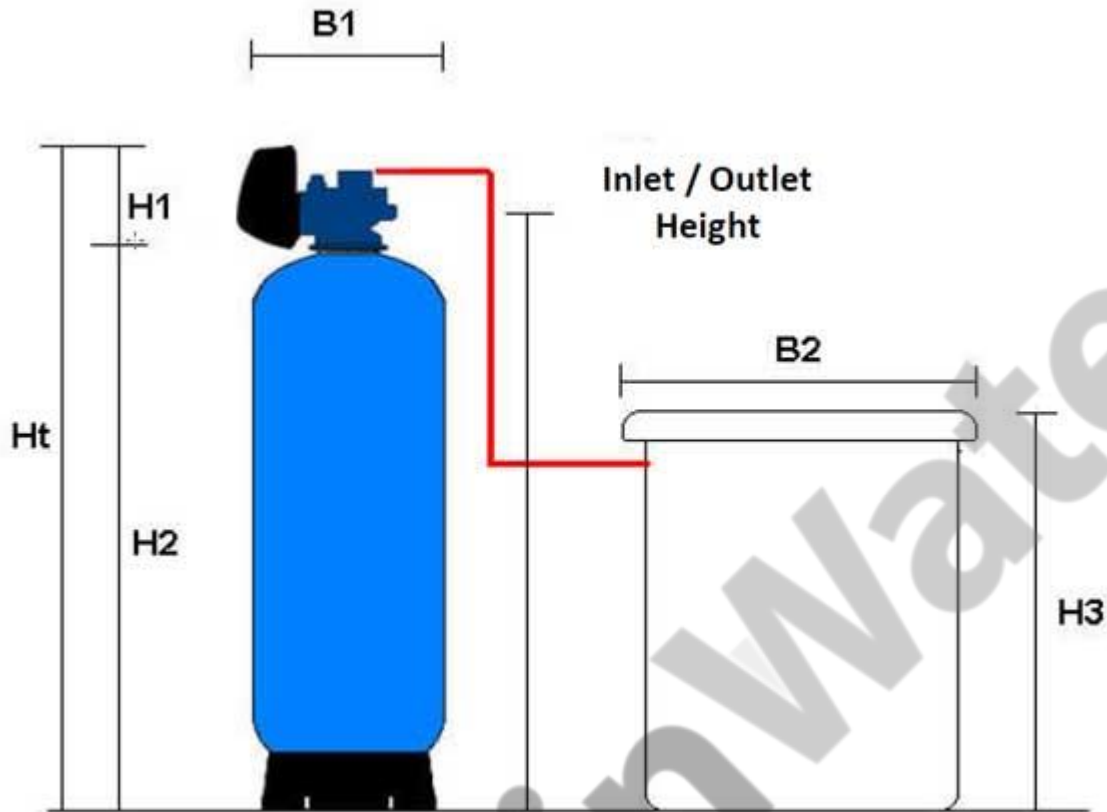


CLACK Simplex Water Softener Data Sheet



Simplex Softeners

resin volume (litres)	valve H1 (cm)	vessel H2 (cm)	brine tank H3 (cm)	softener Ht (cm)	Inlet / Outlet Height (cm)	vessel B1 (cm)	brine tank B2 (cm)	weight * (kg)
20	19	91	44	110	98	22	32sq	27
30	19	91	89	110	98	27	32sq	40
40	19	113	84	132	120	27	44sq	50
50	19	140	84	159	147	27	44sq	65
60	19	125	84	144	132	32	44sq	75
75	19	140	83	159	147	35	67 ϕ	90
100	19	168	83	187	175	37	67 ϕ	118
125	19	168	83	187	175	37	67 ϕ	140

All measurements can vary due to the cooling process during manufacture of the vessels and brine tanks.

* Estimated weight of the system without water or salt.

Litres of Resin	20	30	40	50	60	75	100	125
Capacity kg CaCO ₃	1	1.5	2	2.5	3	3.8	5	6.3
m ³ @ 300ppm	3.3	5	6.6	8.3	10	13	17	21
Salt Consumption Kg / Regen	3	4.5	6	7.5	9	11	15	19

Litres of Resin	20	30	40	50	60	75	100	125
Total Time min	67	79.0	71	81.0	73	75.0	97	97.0

Litres of Resin	20	30	40	50	60	75	100	125
1. Backwash (litres)	32	52.0	52	52.0	74	95.0	95	95.0
2. Brining + Slow (litres)	67	124	102	110	153	188	263	246
4. Fast Rinse (litres)	39	62	62	62	89	114	114	114
Total*** (litres)	138	238	216	224	316	397	472	455

CLACK Simplex Water Softener Data Sheet

Wrekin Water