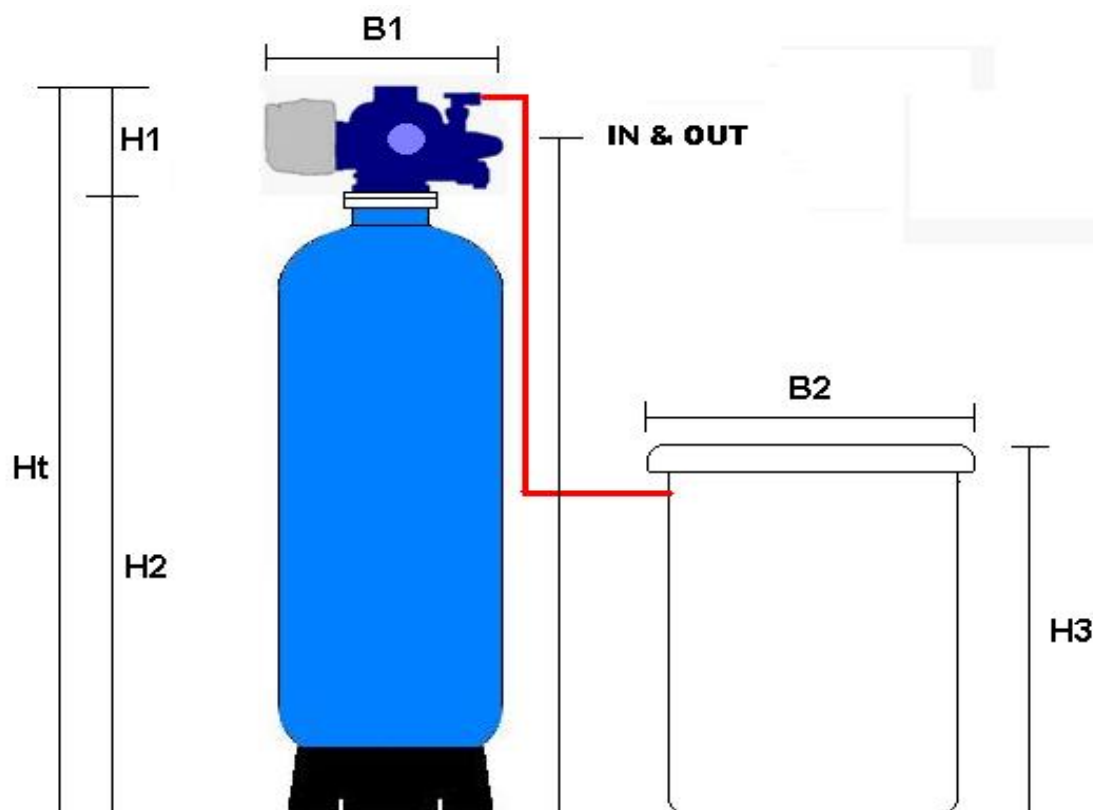


TECHNICAL DATA SHEET SIMPLEX SOFTENERS

CLACK WS3 TOP MOUNT

Dimensions (cm)



resin	valve H1	vessel H2	brine tank H3	softener (*) Ht	IN&OUT	vessel B1	brine tank B2	weight (**) kg
1000	32	244	150	276	267	114	126	1089
1250	32	245	150	297	268	129	126	1344
1800	32	269	150	321	301	143	126	1912

* Includes the drain line flow control housing but with no fittings attached so allow for pipe work.

TECHNICAL DATA SHEET SIMPLEX SOFTENERS

CLACK WS3

General conditions for installation

Connection IN & OUT	:	3 "	
Drain connection	:	3 "	
Electrical rating	:	230V 50Hz	24V transformation
Power rating	:	24 W	
Minimum inlet pressure	:	200 kPa	(2 bar)
Maximum inlet pressure	:	700 kPa	(7 bar)
Vacuum	:	No allowance	
Average pressure loss	:	100 kPa	(1 bar)
Maximum water temperature	:	43 °C	

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 per tank	1000	1250	1800
Capacity	Kg CaCO ₃	50.00	62.50	90.00
Capacity @ 300ppm	CaCO ₃	166.66	208.33	300.00
Salt consumption	Kg salt/regen.	150.00	187.50	270.00

Flow rate

	Litres of resin per tank	1000	1250	1800
nominal	M ³ /h	40	50	72

Remark: Running time should not be more than 4 days, to prevent eventual bacteria growth
Possibility to set a day override regeneration