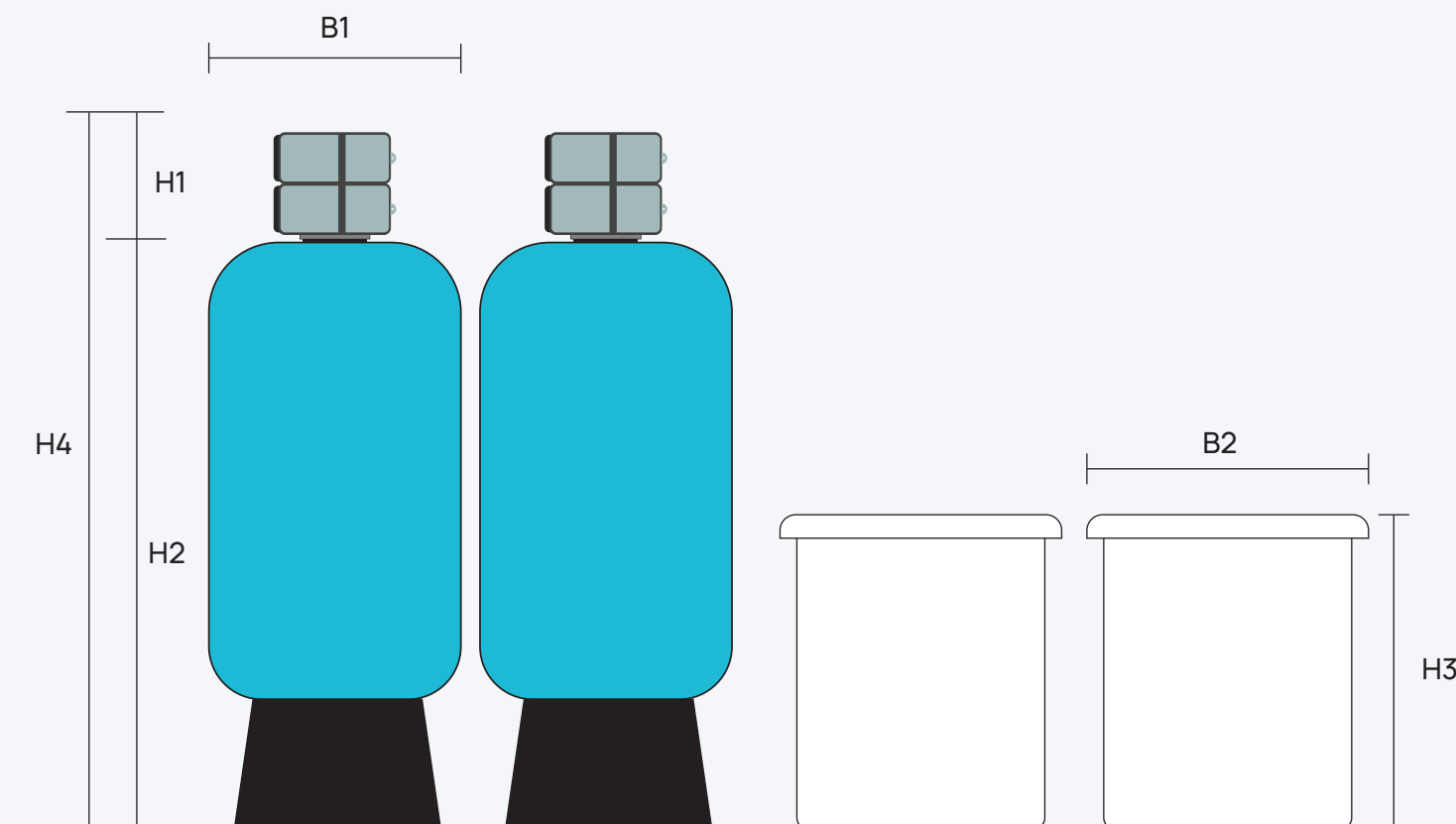




DIMENSIONS (MM)							
Resin volume	Valve H1	Vessel H2	Brine tank H3	Softener H4	Vessel B1	Brine tank B2	Weight kg*
800	395	2350	1310	2795	927	1205ø	1800
1000	395	2435	1310	2880	1074	1205ø	1900
1300	395	2450	1500	2895	1226	1260ø	3500

(*) Total weight of the unit without water or filled brine tank

GENERAL CONDITIONS FOR INSTALLATION

Connection IN & OUT	3" BSPF
Option side mount	N/A
Drain connection(*)	2" BSPM
Electrical rating	230-240V / 50 Hz
Maximum power rating	340 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



Remarks

(*) Open drain required

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

RESIN

Type: Strong acid cation resin - softening, food grade quality

Lifespan: 15 years under normal circumstances

ION EXCHANGE (FOR AVERAGE SALT CONSUMPTION OF 150 G/L)

Litres of resin	800	1000	1300
M³ @ 200ppm as CaCO³	200	250	325
M³ @ 250ppm as CaCO³	160	200	260
M³ @ 300ppm as CaCO³	133	166	216
Salt consumption kg	96	120	156

REGENERATION

Time clock version:	NXT2 time clock
Volume delayed or immediate:	NXT2 meter
Manual:	Manual operation as required

Remarks

The interval between regenerations should not be more than 4 days, to prevent bacteria growth. Regenerations should be more than 8 hours apart.

FLOW RATE

Litres of resin	800	1000	1300
Nominal m³/hr	28	35	42
Peak m³/hr	32	40	48
Minimum metered L/hr	780	780	780

CONSUMPTION OF RINSE WATER (LITRES)

Litres of resin	800	1000	1300
Backwash	380	570	835
Brining + slow rinse	465	620	1805
Fast rinse	530	800	1340
Total	1375	1990	3980