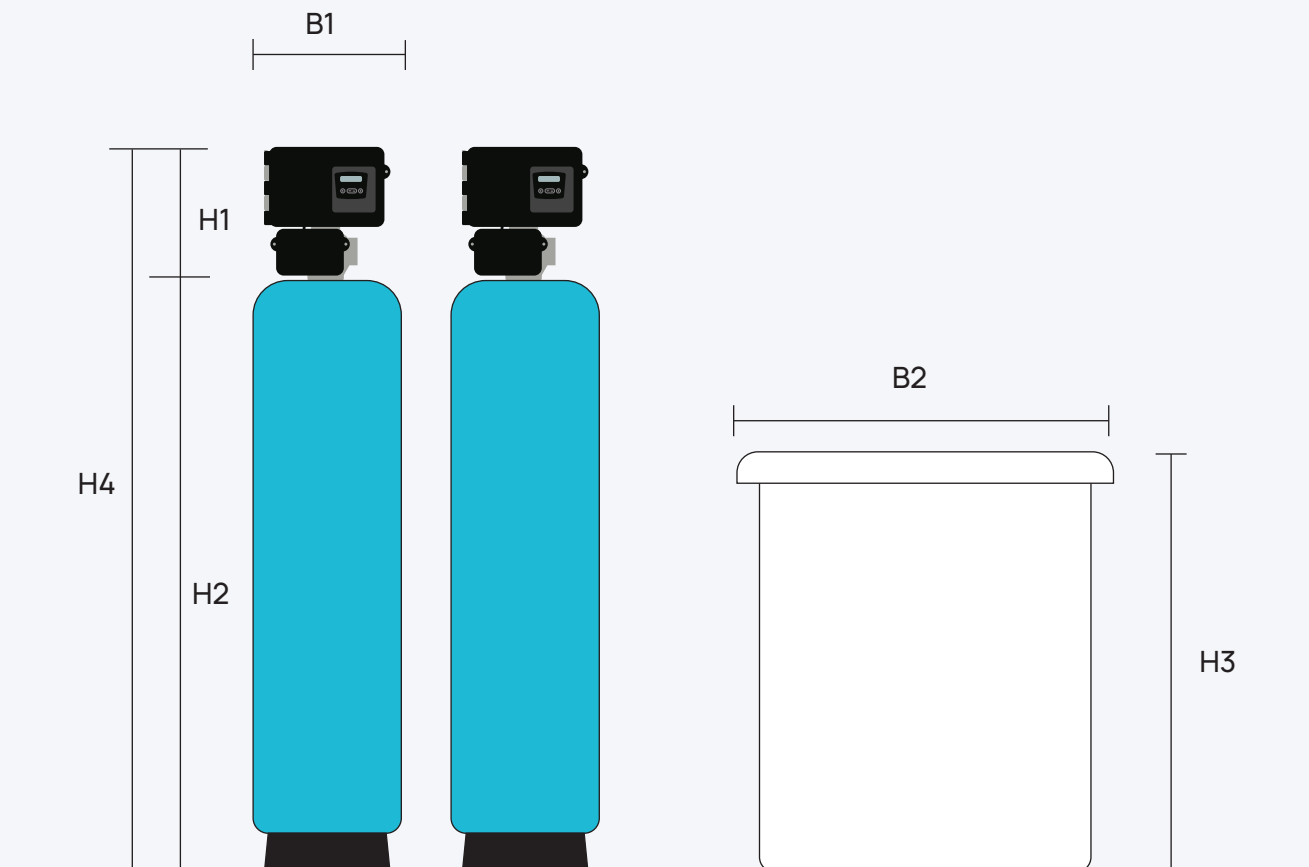




DIMENSIONS (MM)							
Resin volume	Valve H1	Vessel H2	Brine tank H3	Softener H4	Vessel B1	Brine tank B2	Weight kg*
125	320	1660	1315	1980	369	960ø	350
150	320	1660	1315	1980	406	960ø	400
250	320	1640	1315	1960	552	960ø	500
350	320	1890	1315	2210	610	960ø	1000
500	320	2050	1310	2370	770	1205ø	1200
750	320	2150	1500	2470	927	1260ø	1500

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

GENERAL CONDITIONS FOR INSTALLATION

Connection IN & OUT	2" BSPF
Option side mount	N/A
Drain connection(*)	¾" BSPF
Electrical rating	230–240V / 50 Hz
Maximum power rating	65 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	125	150	250	350	500	750
M³ @ 200ppm as CaCO³	31.2	37.5	62.5	87.5	125	175
M³ @ 250ppm as CaCO³	25	30	50	70	100	100
M³ @ 300ppm as CaCO³	20.8	25	41.6	58.3	83.3	116
Salt consumption kg	15	18	30	42	60	84

REGENERATION

Start: Immediately after reaching the set capacity
Manual: Manual operation as required
Option: ES2050 electronic controller
Meter type: 2" Remote meter NXT2 electronic system 7
2" Multi-jet meter ES2050 electronic controller

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	125	150	250	350	500	750
Nominal m³/hr	4.4	5.3	8.8	12	18	18
Peak m³/hr	5	6	10	14	20	20
Minimum metered L/hr	660	660	660	660	660	660

CONSUMPTION OF RINSE WATER (LITRES)

Litres of resin	125	150	250	350	500	750
Backwash	150	210	380	570	950	835
Brining + slow rinse	345	325	465	620	910	1805
Fast rinse	190	270	530	800	1330	1340
Total	685	805	1375	1990	3190	3980