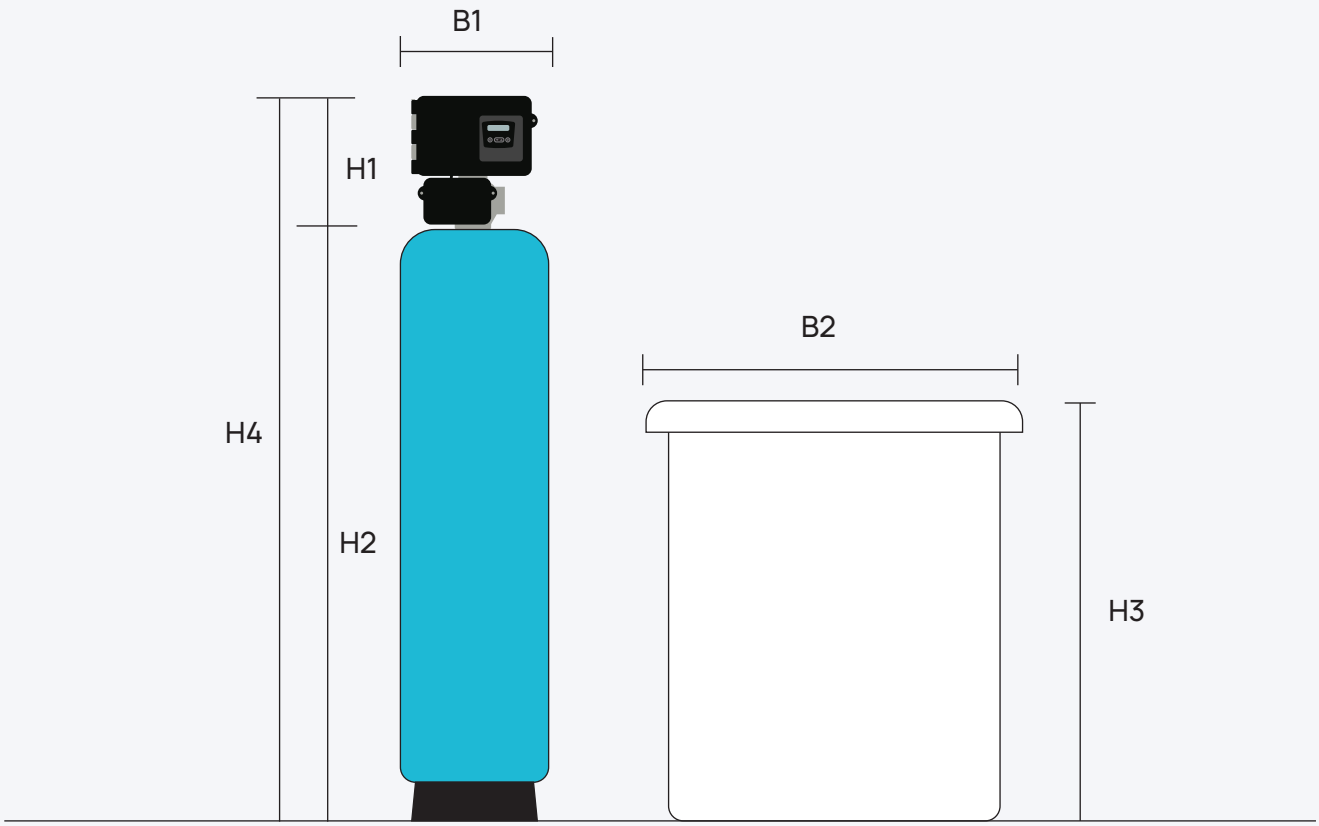
IONIX-PUREFLOW
2910 SIMPLEX

EVOLVE WATER



	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	150
150	320	1660	1315	1980	406	960ø	200
250	320	1640	1315	1960	552	960ø	350
350	320	1890	1315	2210	610	960ø	450
500	320	2050	1310	2370	770	1205ø	700
750	320	2150	1500	2470	927	1260ø	900

(*) 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)
Min-max 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
M^3 @ 200ppm as $CaCO^3$	31.2	37.5	62.5	87.5	125	175
M^3 @ 250ppm as $CaCO^3$	25	30	50	70	100	100
M^3 @ 300ppm as $CaCO^3$	20.8	25	41.6	58.3	83.3	116
Salt consumption kg	15	18	31	46	61	72

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	125	150	250	350	500	750
Nominal m^3/hr	4.4	5.3	8.8	12	18	18
Peak m^3/hr	5	6	10	14	20	23
Minimum metered L/hr	300	300	300	300	300	300

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

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