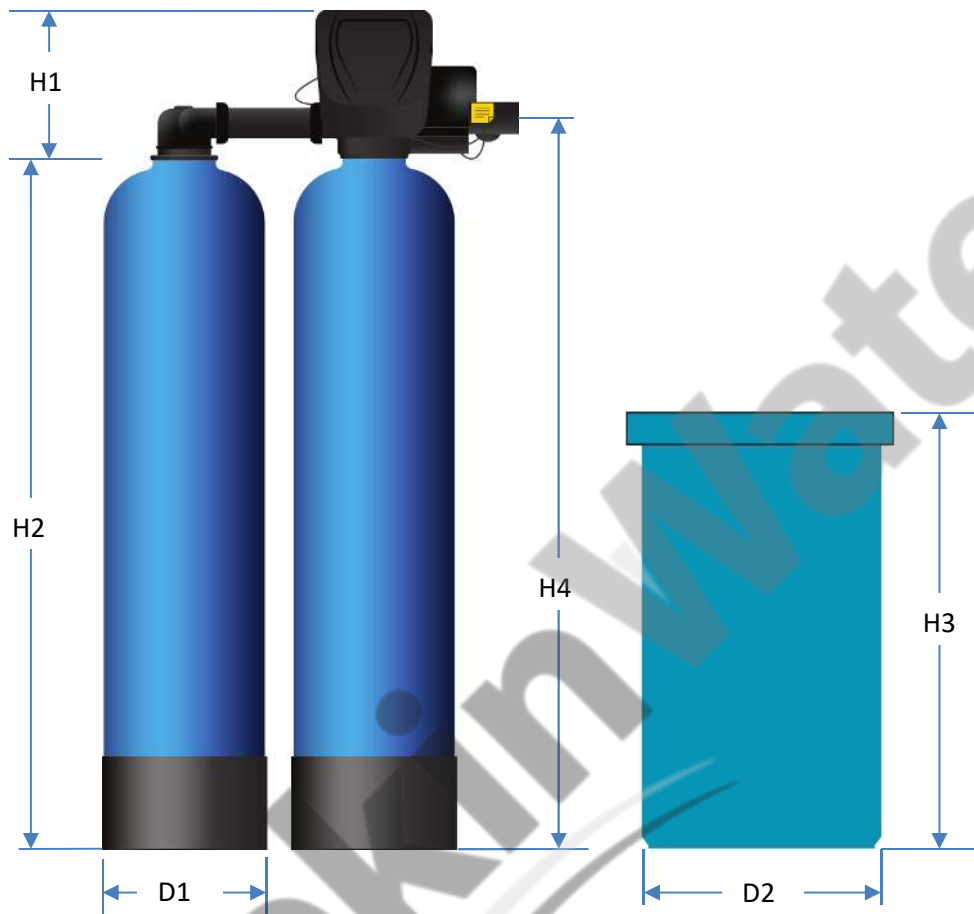


1" Twin Softeners



Vessel	Volume	H1	H2	H3	H4	D1	D2	Kg*	Width	Depth	Height
817	10L	187	432	450	497	215	320sq	37	826	351	619
835	20L	187	891	450	957	215	320sq	61	826	351	1078
1035	30L	187	891	914	957	268	365x430	85	989	365	1078
1044	40L	187	1118	914	1183	268	365x430	110	989	365	1305
1054	50L	187	1378	914	1443	268	365x430	135	989	365	1565
1248	60L	187	1230	830	1295	315	670	158	1276	670	1417
1252	60L	187	1338	830	1403	315	670	158	1276	670	1525
1354	75L	187	1384	980	1449	315	760	200	1390	760	1571
1465	100L	187	1683	920	1748	370	880	270	1620	880	1870
1465	125L	187	1683	920	1748	370	880	320	1620	880	1870
1665	150L	187	1675	1150	1690	406	880	385	1692	880	1862
1865	200L	187	1770	1150	1835	510	880	490	1900	880	1957

*Weight does not include water.

Width Depth and Height refer to the footprint of the system if all items are in a line.

General conditions for installation

Connection Inlet & Outlet	-	1" BSPM
Drain Connection	-	¾" BSPM or ¾" Barbed
Electrical Rating	-	230V 50Hz 12V Transformer
Power Rating	-	6 Watt
Minimum Pressure	-	200 kPa (2 Bar)
Maximum Pressure	-	700 kPa (7 Bar)
Vacuum	-	Not Permitted
Average Pressure Loss	-	100 kPa (1 Bar) under normal circumstances
Min – Max Temperature	-	5-35°C

It is always recommended to install a 25µ cartridge filter before a softener

Resin

Type: Strong acid cation resin – softening, food grade quality
 Life Span: 15 Years under normal operating conditions

Ion exchange (for average salt consumption of 150 g/L)

Litres of resin	10L	20L	30L	40L	50L	60L	75L	100L	125L	150L	200L
Capacity Kg CaCO ₃	0.5	1	1.5	2	2.5	3	3.75	5	6.25	7.5	10
M ³ @ 300ppm	1.6	3.3	5	6.6	8.3	10	12.5	16.6	20.8	25	33.3
Salt consumption Kg	1.5	3	4.5	6	7.5	9	11.25	15	18.75	22.5	30

Regeneration

Start: on zero remaining volume

Litres of resin	10L	20L	30L	40L	50L	60L	75L	100L	125L	150L	200L
Total time min	65	65	79	71	81	73	75	97	97	82	95

Remarks: The interval between regenerations should be no more than 14 days to prevent bacterial growth.

Flow rate

Litres of resin	10L	20L	30L	40L	50L	60L	75L	100L	125L	150L	200L
Nominal M ³ /h	0.4	0.8	1.2	1.6	2	2.4	3	4	5	6	6.4
Minimum L/h	60	60	60	60	60	60	60	60	60	60	60

Effluent per regeneration (Litres) based on 60psi pressure

Litres of resin	10L	20L	30L	40L	50L	60L	75L	100L	125L	150L	200L
Total	143	138	238	216	224	316	397	472	455	573	814

