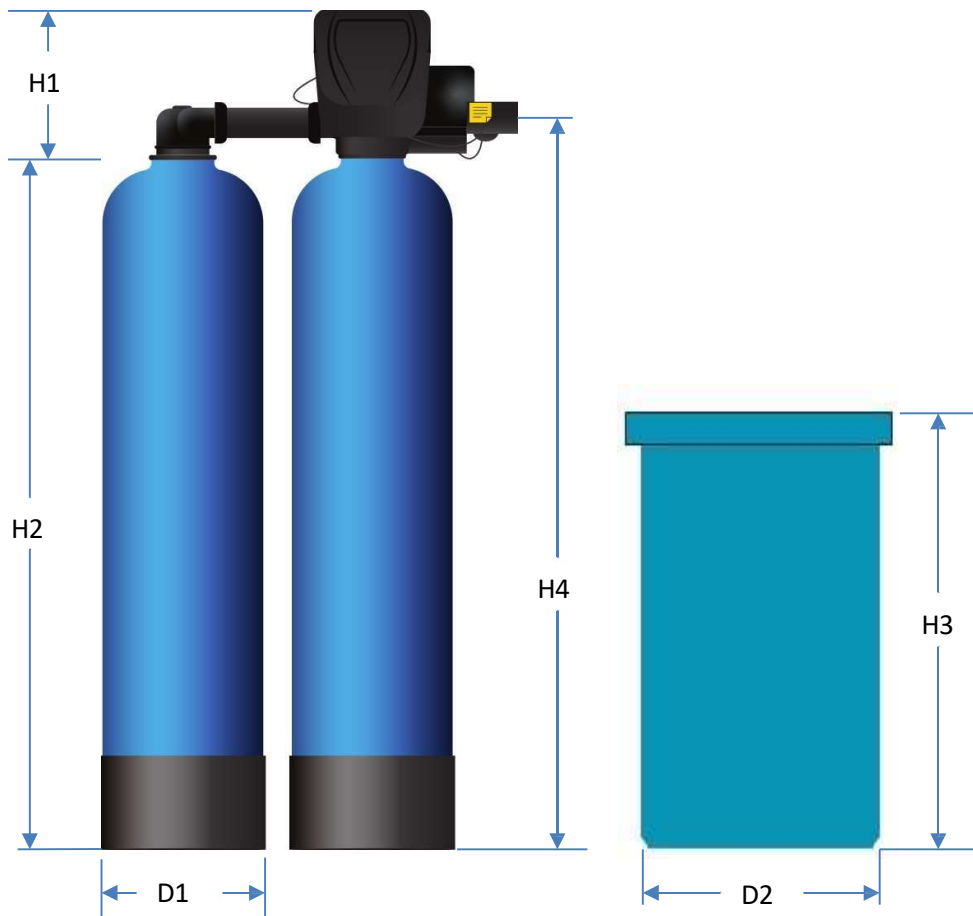


1.5” Twin (TT) Softeners



Vessel	Volume	H1	H2	H3	H4	D1	D2	Kg*	Width	Depth	Height
1465	125L	330	1660	930	1830	370	880	325	1630	880	1990
1665	150L	330	1660	1240	1830	406	880	390	1700	880	1990
1865	200L	330	1750	1240	1920	510	880	495	1920	880	2080
2160	250L	330	1650	1110	1820	552	1000	600	2150	1000	1980
2469	350L	330	1890	1110	2060	610	1000	800	2250	1000	2220

All weights and dimensions are guides only and are subject to change.

*Weight does not include water.

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

Valve

General conditions for installation

Connection Inlet & Outlet	-	1.5" BSPM
Drain Connection	-	1" BSPM
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

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	125L	150L	200L	250L	350L
Capacity Kg CaCO ₃	6.25	7.5	10	12.5	17.5
M ³ @ 300ppm	21	25	33	42	58
Salt consumption Kg	18	22	30	37	52

Regeneration

Start: on zero remaining volume

Litres of resin	125L	150L	200L	250L	350L
Capacity Kg CaCO ₃	6.25	7.5	10	12.5	17.5
Total time min	97	82	95	72	77

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

Flow rate

Litres of resin	125L	150L	200L	250L	350L
Nominal M ³ /h	5	6	8	10	14
Minimum L/h	60	60	60	60	60

Effluent per regeneration (Litres) based on 60psi pressure

Litres of resin	125L	150L	200L	250L	350L
Total Volume	455	573	814	1750	2300

