

WATER SOFTENER COMPARISON

TwinTec S4 | Kinetico Premier Compact | Infinity Water Softener



Specification	S4		Benefit	HE	HF
Water efficiency**	3.4%	✓	Less water used	3.95%	4.34%
Salt efficiency	50%	✓	Less salt used	38%	35%
Soft water capacity	500 ltrs	✓	Regen less frequent	430 ltrs	392 ltrs
Bathrooms	1 - 3			1 - 3	1 - 3
Peak flow rate	56 l/m	✓	Better water flow	41 l/m	51 l/m
Regeneration time	10 mins	✓	Faster regeneration	11 mins	11 mins
Regeneration volume	17	✓	Less water used	20.5	20.5
Salt used per regen	300g	✓	Less salt used	340g	340g
Duplex parallel flow	Yes	✓	Fresh water on demand	No	No
Min meter performance	0.05 l/m	✓	Accurate water usage	0.25 l/m	1 l/m
Min operating pressure	1 bar	✓	Works at low pressure	1.8 bar	1.8 bar
Max hardness	635 ppm	✓	Softens more water	507 ppm	474 ppm
Adjustable brine valve	Yes	✓	Better salt accuracy	No	No
Max operating pressure	10 bar	✓	More robust	6 bar	6 bar

Dimensions	HV4	HE	HF
Height	490mm	498mm	498mm
Depth	440mm	468mm	468mm
Width	205mm	219mm	219mm

 = Better product performance

(Efficiency specification data is calculated at a hardness of 300ppm)



Water Efficiency Comparison

Using a Harvey Water Softener instead of another brand will save you thousands of litres of water per year. Saving you money and looking out for the environment.



Years	Water saved (ltrs)	Cups of tea	Showers	Baths
1	2835	11340	46	35
2	5670	22680	91	71
3	8505	34020	137	106
4	11340	45360	183	142
5	14175	56700	229	177
6	17010	68040	274	213
7	19845	79379	320	248
8	22680	90719	366	283
9	25515	102059	412	319
10	28350	113399	457	354

Salt Efficiency Comparison

Using a Harvey Water Softener instead of another brand will cost you less in salt blocks. Saving you money.

Years	Salt amount saved (Kg)	No. of salt blocks saved	Money saved
1	55	40	£95
2	111	79	£187.63
3	166	119	£282.63
4	222	158	£375.25
5	277	198	£470.25
6	333	237	£562.88
7	388	277	£657.88
8	443	316	£750.50
9	499	356	£845.50
10	554	395	£938.13



Salt money savings are based on a single pack containing two blocks of salt at £4.75 (£2.38 each) excluding delivery.

Calculations based on an average 4 people per household with a daily water usage of 142 litres per person per day.
Source: Energy Savings Trust

Further detailed calculations available on request.

premier COMPACT

The **Kinetico Premier Compact** with e-max technology combines maximum performance and eco-efficiency in a compact design for the ultimate in soft water convenience.

Dimensions		
Size (w x d x h)	219 x 468 x 498 mm	
Performance		
Minimum Flow	HE	HF
Maximum Peak Flow	0.25 l/min	1 l/min
	41 l/min	51 l/min
Regeneration		
Time	11 minutes	11 minutes
Volume	20.5 litres	20.5 litres
System		
Max Operating Pressure	6 bar	6 bar

Information taken Premier Compact product brochure. May 2020

** Ion exchange water softeners use water in order to clean the resin that is used to absorb the mineral content of the dwelling's water supply. This cleaning process is referred to as the regeneration cycle, which occurs on a frequency dependent on the type of water softener specified and the hardness of the water. The water efficiency calculator looks at the water consumed per regeneration cycle that is beyond a level of good practice. The good practice level has been determined at a level of water consumption as a percentage of the water softener's total capacity which is set at 4 per cent. (Referenced from The Building Regulations 2010 (Part G).

Kinetico specification/performance data taken from Kinetico manufacturers instructions as of 25th September 2019

