

TAPWORKS®
WATER SOFTENERS

Softened water

Great for you, your home and your pocket



Performance and reliability you can trust

www.tapworks.co.uk



Performance and reliability you can trust

Protect your family and your home
from the **damaging effects**
of **hard water**.



Enjoy the **softer side of life...**
feel and see the difference.



Discover the **amazing**
benefits of softened water.



For a happy home.

Hard water

Water is an essential part of our everyday life: in our homes and for us as individuals. We drink it, wash our bodies and hair with it, clean our clothes with it, even heat our homes with it and yet we seldom pay attention to its effects. That is until you look in your kettle and see it caked in limescale or see the plumber removing a boiler, which has finally succumbed to just too much limescale.

Approximately 60% of England and Wales are designated hard water areas. With this much hard water affecting so many homes, it is estimated that the water used by an average family of 4 annually contains a staggering 70kg of limescale.

- It causes mineral deposits to remain on the skin, hair and clothes.
- It clogs pipes, water tanks and boilers, reducing efficiency and increasing energy bills.
- It discolours sinks, baths, shower cubicles, toilets and taps.
- Its deposits form limescale, which reduces the effectiveness of household appliances, such as washing machines.



Soft water

- Your baths, shower enclosures and sinks are no longer stained by unwanted mineral deposits.
- Your usage and spend on detergents, washing powders and shampoos is reduced by up to 50%.
- Your appliances last longer with soft water and maintenance costs reduced.
- Your energy bills can be reduced by at least 10%.
- Your skin condition can improve noticeably.
- Your hair feels softer.
- Your clothes are softer and brighter as soft water is kinder to clothing.
- Your time is saved cleaning and you no longer need to use harsh chemicals to remove limescale deposits.



Your water softener can pay
for itself **within 2-4 years.***

*Dependent on use.

How does a Tapworks water softener work?

A Tapworks water softener extracts the hard minerals from the water in your home, which means you experience truly softened water.

It's a simple scientific process... inside the water softener is a vessel of resin beads; as water flows through the beads, they extract the hard minerals and replace them with harmless sodium ions. Once the resin beads are covered with hard minerals the softener automatically flushes the deposits away to drain, using a concentrated brine solution. The resin beads are left refreshed and ready to make more soft water.

This simple process and Tapworks' clever technology means you always have soft water on demand.

Tapworks NSC PRO range is conveniently sized to fit in a kitchen cupboard and suitable for all sizes of home – for maximum efficiency and constant flow rates.



Tapworks NSC4218 is designed for the larger home with high demand and high flow rates.

Why buy a Tapworks water softener?

Designed for efficiency

All our water softeners are metered. Our technology eliminates waste and inefficiency and our proportional regeneration process means our water softeners are up to 32% cheaper to run than alternative water softeners.

Proven reliability

Designed for reliability, our single resin tank design uses a minimum number of moving parts and because our softeners are sized to a home's water usage they work efficiently and minimise wear and tear.

Designed for modern plumbing systems

Our high flow water softeners are designed to produce the water flow required by today's modern plumbing and heating systems.

Easy to install

Fitted on the mains water supply they are easy to install and suitable for both 15mm and 22mm plumbing.

Easy to maintain

Tapworks water softeners are automatic, all you need to do is occasionally top them up with tablet salt. Tablet salt is far cheaper and more readily available than the alternative block salt.

Peace of mind

All our softeners come with comprehensive warranties and with the peace of mind of the back-up of our own technicians and exceptional after sales service.

Incredibly, an average family could be spending
**at least £60 a year more to run
a block salt softener!**



Your questions answered

Q: Does my water softener have to go in the kitchen?

Where possible the water softener should be sited close to the rising main, allowing for any required hard water draw off points, i.e. drinking tap and outside tap. In addition, the distance from the softener to the drain should be kept as short as possible. It is possible to site the water softener in the garage or even outside.

Q: Can you drink softened water?

Softening water slightly increases the amount of sodium in the water. Typically a glass of softened water will contain about 50mg of sodium. A slice of brown bread contains around 200mg.

Q: Must there be a hard water drinking tap?

Water Authority bylaws currently state that a hard water drinking tap is always recommended. However, where the water hardness is below 400ppm calcium carbonate there is NO mandatory requirement for a separate hard water drinking tap, because softened water complies with the drinking water regulations.

Q: Can I fit a water softener if I have a combination boiler or megaflow heating system?

Yes. Tapworks water softeners can easily meet the water flow required by unvented or direct feed systems.



Q: Will existing scale be removed from the pipework?

Yes, by fitting a water softener, over time scale will be removed from your existing pipework.

Q: How much salt will the softener use?

It depends on how much soft water you are using, but as a guide, an average family will probably use about 6 bags of tablet salt a year.

Q: I suffer from dry skin, will softened water help?

Anecdotal evidence shows that people with dry skin conditions show an improvement when using softened water.

Q: Will I save money with softened water?

Softened water will save you money in several ways. Less scale in your pipework, heating system and appliances means they work a lot more efficiently. It is common to save up to 15% on your heating and hot water bills. You will use less cleaning products, and bathing and laundry products can be reduced by up to 50%.



Buying a new kitchen or bathroom?

A Tapworks water softener will
keep it looking brand new.

Finding the perfect fit

The best cost-efficient solution for choosing a water softener is to pick one with a softening capacity suitable for the home's water usage.

Use our easy sizing guide below:



SPECIFICATION	NSC9 PRO	NSC11 PRO	NSC14 PRO	NSC4218
Total height (mm)	527	654	822	1220
Total depth (mm)	480	480	480	535
Width (mm)	302	302	302	432
Max/min daytime working pressure (bar)	8.5/1.3	8.5/1.3	8.5/1.3	8.5/1.3
Electrical supply via transformer	24V 50Hz	24V 50Hz	24V 50Hz	24V 50Hz
Maximum softened water capacity at 300ppm (litres)	1635	2068	3436	9094
Model recommendation based on household size* (based on usage per person of 140 litres per day at 300ppm)	1-5 people	1-7 people	1-9 people	9+ people

*Water hardness and flow rates can affect which model is right for you. If in doubt please call 01494 480 621 for advice.

Buying a Tapworks water softener

Tapworks is sold in builders and plumbers merchants.

To find your nearest stockist visit our website www.tapworks.co.uk

Installing a Tapworks water softener

Tapworks recommends using a plumber to undertake the installation of a water softener.

Team Tapworks members are regular installers of Tapworks softeners.

Visit our website to find an installer near you www.tapworks.co.uk

TEAM
TAPWORKS®



Don't buy a poor imitation when you can have the **genuine article!**



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