

# HomeWater

## Softener Range



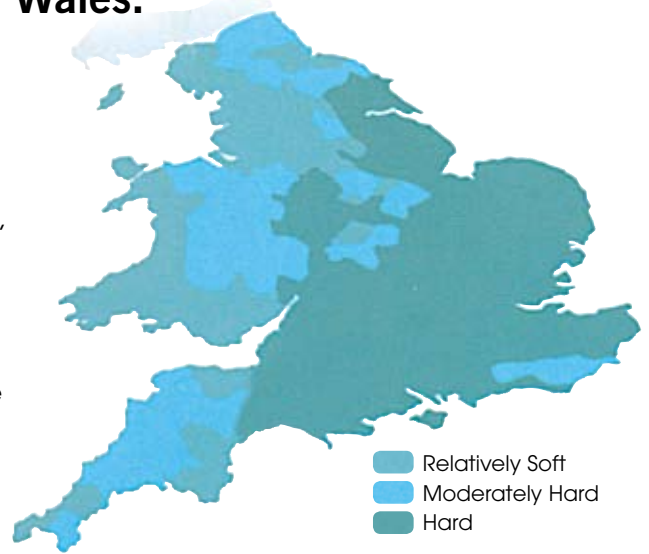
*"For that little bit of luxury"*

# Hard water – Costs you hard cash

## The hard facts of living in England and Wales.

As you can see from the map, many more people live in hard water areas than soft. If you want to know how hard your local water is, simply ask your local dealer to test your water.

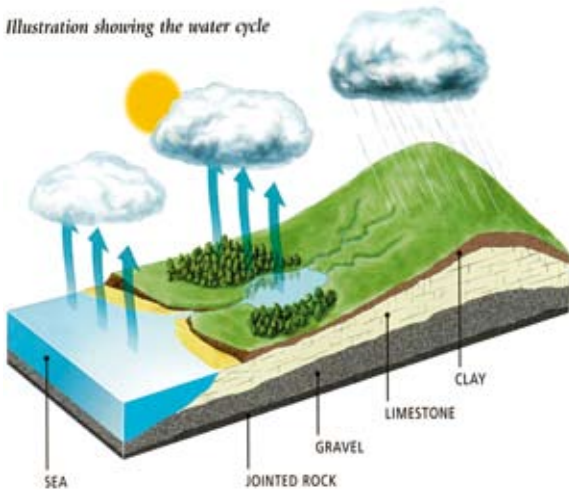
Sixty percent of Britain has hard water. Although water is treated before it reaches our taps the hard minerals remain, causing scale and scum.



## How does water become hard?

Rain water is naturally soft. It only becomes hard if it percolates through chalk and limestone and dissolves some of the minerals. Water which falls on hard rock stays soft. So the kind of water you have depends on the surrounding geology and the source of your water supply – whether it's river or ground water.

Illustration showing the water cycle

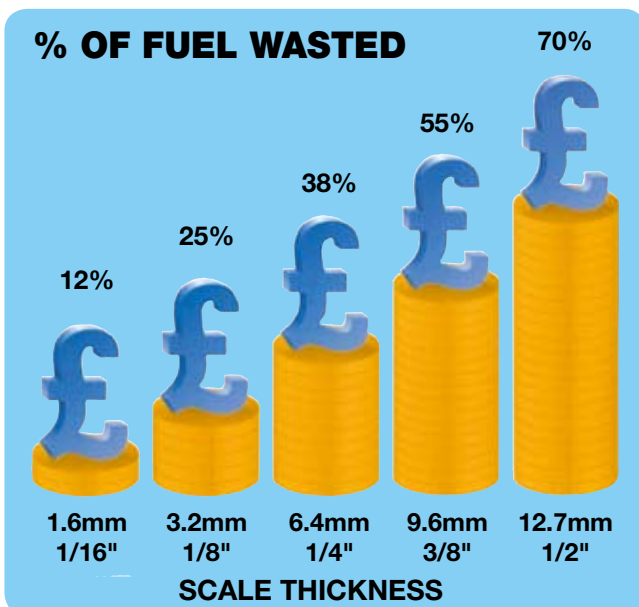


## Are you living in one of these hard water areas?

Well over half of the homes in the British Isles are supplied with water from a hard water source. A glance at the map will show you the areas involved if you live in one of these areas a [HomeWater](#) softener would make all the difference.

## The Hard Facts of Scale

If you live in a hard water area, you'll soon know – just look in the kettle – furred up appliances are just one of the problems.



Scale also collects in your water heating system with symptoms such as sludge, noisy radiators, reduced flow and efficiency. It also blocks shower heads, again reducing flow and efficiency. Eventually your entire hot water system becomes so inefficient it will require replacement – and the same goes for appliances such as kettles and washing machines. Hard water is actually costing you hard-earned money.



Scale forms faster when water is heated. Government statistics show that scale accumulates at approximately 1.6mm (1/16") every year and within 5 years you could be losing 70% of your water heating efficiency.

# Soft water – The solution

## A HomeWater water softener for every home and family

Our range of water softeners meet the needs of every size and type of household. Where space is really tight, the powerful HomeWater 100, 300 and 500 ranges will provide softened water for up to 20 people and only measuring up to 535mm high – they can be installed in virtually any location – kitchen cupboards, under the stairs, utility rooms, garage or even outside.



### What sort of salt can be used?

Tablet salt that has been specially formulated for softeners should always be used. It is easy enough to buy and is available in 10kg and 25kg bags.

*All our units are quiet and efficient in operation, removing the minerals that cause hard water – they are easy to install, set up and operate with minimum maintenance.*

### Simple operation

All models are fully automatic. Utilising a system known as 'ion exchange' they remove hardness by water passing through a special resin. Cleaning of the resin is initiated by either meter or time clock control. During this process known as 'regeneration', the resin is flushed with salt water which disperses the chalk the resin has collected and is automatically rinsed to drain. All you have to do is to top up the unit with tablet salt from time to time. With our clear lid, it is easy to see when to add more salt.

### Save money on

- Washing powder
- Fabric conditioner
- Hand cream
- Bath salts and oils
- Hair shampoo
- Hair conditioner
- Soap
- Washing up products
- Dishwashing products
- Cleaning materials



*With softened water you can follow the quantities the manufacturer recommend's for naturally soft water areas. With the increased efficiency you'll save on the service and maintenance of your household appliances too.*

### When you use softened water

You will use less soap, shampoo, washing powder and cleaning materials to get perfect results – sometimes as much as 50% less and the lather won't just suddenly disappear.

Your cutlery and glassware will dry wonderfully and if you have a dishwasher you may never have to put salt in it again. Softened water saves time too – bathroom and kitchen cleaning becomes little more than a quick rinse. Work out how much you are spending on time and cleaning materials – you'll soon see how significant the savings can be.

### It's never too late

Your water pipes and hot water cylinder could already be suffering from scale build-up, but it's never too late to solve the problem. Softened water gradually removes scale from water pipes, hot water cylinders and shower heads so that they eventually return to peak efficiency – and stay that way!

### Environmentally friendly!

Using softened water means you use less soap and detergent and therefore there are less chemicals to rinse away. 'Green' detergents which perhaps didn't satisfy you in the past will lather and clean better with softened water.



*You'll enjoy your shower at its full power once again, with water at the proper pressure through a free flowing shower head.*



*Softened water means bath time is something special. Many people find that certain skin conditions such as eczema are helped by softened water.*

# Which is the right choice for you?

The model to suit you will depend on your average daily water usage as well as water pressure, flow rate and hardness. Your supplier can advise you on the correct **HomeWater** water softener for your home, and the best place to install it (possibly in a cupboard).



## Installation – it's easily done

Your **HomeWater** water softener is as easily plumbed into your home as a washing machine. Installation can be carried out by a plumber or a competent DIY person.



## Free In Home Commissioning

Once your softener is installed, contact **HomeWater** and we will send a fully trained engineer to check everything and commission your new water softener, completely free of charge. Telephone 0800 013 3636.

		100	300	500
<b>Connections</b>				
Inlet:		1.9cm (3/4") bsp male parallel	1.9cm (3/4") bsp male parallel	2.5cm (1") bsp male parallel
Outlet:		1.9cm (3/4") bsp male parallel	1.9cm (3/4") bsp male parallel	2.5cm (1") bsp male parallel
Overflow:		1.3cm (1/2") hose connector	1.3cm (1/2") hose connector	1.3cm (1/2") hose connector
Drain:		1.3cm (1/2") hose connector	1.0cm (3/8") outside diameter tubing	1.3cm (1/2") outside diameter tubing
Power Supply:		13 amp socket, 240v, 3 amp electrical supply	None	None
<b>Operating Conditions</b>				
Maximum operating water pressure:			8 bar	
Minimum operating water pressure:			1 bar (with water flowing)	
Maximum operating water temperature:			20°C	
Minimum operating water temperature:			protect from freezing	
<b>Overall Dimensions:</b>				
Height:		485mm		Softener: 500mm Salt Cabinet: 390mm
Depth:		440mm		440mm 440mm
Width:		250mm		250mm 250mm
<b>Operating Data</b>				
Salt Used per regeneration:		500g	350g	Adjustable from 600g, 900g & 1300g
Maximum flow:		50 l/min	50 l/min	80 l/min
Minimum flow:		<3 l/hour	<3 l/hour	<10 l/hour
Regeneration water volume:		30 litres	26 litres	35 litres
Approx. flow rate to drain:		2 l/min	1.5 l/min	3.5 l/min
Regeneration time:		30 minutes approximate	17 minutes approximate	12 minutes approximate
Salt Storage:		approximately 20 kg of tablet salt	approximately 15 kg of tablet salt	25kg bag of tablet salt
Operation:		automatic timer	Meter	Meter
<b>Capacity:</b>				
Hardness in mg/l	Number of people in house		Capacity: For households of up to 10 people	Capacity: For households of up to 20 people
up to 215	up to 10			
215 to 285	up to 7			
285 to 360	up to 5			
360 to 430	up to 4			
430 to 500	up to 3			
<p>Both the <b>HomeWater 300 and 500</b> Non-Electric water softeners are supplied direct from the factory wet tested and pre-set to your local conditions. Each machine is custom built to meet your areas specific requirements including water hardness and pressure. Should you encounter any problems please contact head office for our Free commissioning service on 0800 013 3636</p>				

YOUR LOCAL SUPPLIER IS:

Your **HomeWater** Water softener will give you many years of reliable service.

For peace of mind however, this softener is covered by a full 1 year parts and labour guarantee against faulty materials and workmanship. Your installation should be guaranteed by your installer. Your statutory rights are not affected by this guarantee.