

How Do You Know If You Have Hard Water?

The most common minerals found in water are calcium and magnesium, though some areas have high levels of iron as well. The higher the concentration of calcium and magnesium the harder your water will be. No matter how hard or soft your water is, left untreated calcium, magnesium and iron minerals will deposit as scale on your pipes, fittings, appliances throughout the house.

There are a number of ways you can check if your water is hard without having to get a water analysis done.

- 1 Look for mineral scale deposits on sinks, glass shower screens, shower heads, faucets and dishes are a simple way to see if you have hard water. The harder the water the greater the mineral scale build up will be.
- 2 When you wash your car there will be white spots left on the paint work as the water droplets evaporate.
- 3 When you take a shower can you do you have to use a lot of body washer or shampoo to for a lather or foam? Hard water prevents soap from foaming.
- 4 When you get out of the shower does your skin itchy and dry? Hard water tends to inflame skin irritations.
- 5 Do you have to use a lot of washing powder or liquid detergents when doing the washing? Laundry powders and detergents do not mix well with hard water leaving your laundry feeling stiff and rough and maybe looking a little dirty. Laundry washed in softer water feels softer, smells better and looks clean.
- 6 When washing the glassware by hand or in the dishwasher hard water will leave stains or spots on the glasses and cutlery which is easily seen but not easily removed.

Dishwashing powder and rinse aids work better in soft water leaving your glasses sparkling and your cutlery clean.

- 7 Lift up the lid of your kettle. When water is heated hard water problems intensify so if your water is hard you will see signs of scale or corrosion in your kettle.
- 8 As scale builds up in pipes and fittings, they become blocked and water pressure drops.
- 9 Are you constantly replacing hot water heating elements on a regular basis? Scale builds up on heating elements developing hot spots which cause the element to burn out.

These are some simple tests to determine if you have hard water at home.

Residential Applications

On hot water systems, swimming pools & spas, showers and on whole house water mains.

Commercial Applications

Farms, dairies, irrigation systems, nurseries, lagoons, ponds & wells (bores), underground mining equipment, hot water ring mains, evaporative air conditioners, cooling towers, steam cleaners and ice machines.

There is a SofterWater Conditioner to suit your requirements! Although we have a standard size range of water conditioners, if none of them meets your specifications we will custom manufacture a unit to do so!

For more information and products to solve hard water problems please call +61 417 745 066 or view the product range at softerwater.com.au.