

Made right here
for Australian
conditions.




 **watermatic**
water softeners



WATERWAYS

To us it's more than just water.



What's your water made of?

Almost all of our water contains minerals - sodium, potassium, calcium and magnesium etc. Most treated water also contains numerous chemical compounds some of which smell and detract from taste. 'Hard Water' is water that contains excessive amounts of minerals such as calcium and magnesium. The effect of hard water is that it is difficult to lather and rinse and will commonly cause scale formations that are likely to result in damage to plumbing fixtures and fittings.

Hard water is not necessarily dirty water but it will often contain other contaminants such as iron, copper and manganese - all of which cause unsightly staining of bathroom and laundry fixtures and fittings.

Hard water produces scale and bathroom scum.

If there are stains or a build up on sinks and bathtubs; if you're having to use large amounts of soaps and detergents to clean your dishes or wash your hair; if your washing feels hard and unpleasant or your skin is dry and flaky; if there's a build up of unsightly water scum on your shower screens and tiles, then it's likely that you have a hard water problem.

Every Watermatic unit is assembled and tested in Australia.



**Feel and see the
difference throughout
your home.**

**All Watermatic cabinets
are uniquely 100%
recyclable.**

Hard water scale eventually clogs and therefore shortens the life of dishwashers, hot water services, kettles, coffee machines and other expensive appliances. As they scale, these appliances become far less efficient and along the way they use considerably more energy and require much more maintenance. All in all hard water costs money! Water-using appliances will last longer and run better. Why? Because hot water heaters, washing machines and dishwashers used with hard water can wear out faster and transfer heat less efficiently.

They “soften” the water by removing the calcium and magnesium found there, extending the useful life of water heaters, washing machines, dishwashers, coffee makers, humidifiers and household plumbing systems. With a water softener you’ll use considerably less soaps and detergents throughout the home.

In the Bathroom


Your soap and shampoo will lather better. Your hair and skin will feel noticeably cleaner, softer, and not as dry. And there will be no soap scum or mineral deposits to clean off sinks, showers, tubs and toilets.

In the Laundry

Clothes will be softer, cleaner, whiter and brighter. Plus they will last longer. Using soft water and pure soap products increases the life of clothing, towels and linens. Without hard water service issues, washing machines last longer, too.

In the Kitchen

Dishes will clean up more easily, and be spot free, without the grey film glasses get when etched by mineral-laden water. Plus hands will feel softer and look better.

A low-angle photograph of a woman and a young girl hanging laundry on a clothesline. The woman is in the foreground, smiling and looking up at the clothesline. The girl is behind her, also looking up. They are hanging a white towel and a pink and white striped shirt. The background shows green foliage and a bright sky.

Automatic or Semi-automatic, the choice is yours.

Waterways "Watermatic" domestic water softeners are fully encased in a moulded fibreglass cabinet with lid. They are sandstone in colour and are designed to protect the workings of the softener from the harsh Australian sun. Watermatic water softeners are manufactured to a very high standard and are renowned for quality and reliability.

There are two basic models - automatic and semi automatic. Each is available in two sizes - depending on flow rate required and water hardness in the area of installation. As the names imply, automatic models regenerate automatically - you don't need to do anything other than to top up salt from time to time. Semi-automatic models do require some input - the simple turning of a mechanical timer for regeneration to initiate. From thereon all functions operate automatically.

Semi-automatic models require manual input to initiate regeneration. This is achieved by turning a mechanical timer device (similar to a tap timer) to the required setting. Regeneration will then commence and will be completed automatically as the timer counts down through the cycles of regeneration. Semi-automatic models do not need an external power supply.

Automatic models are microprocessor controlled. A 'turbine' counts down the volume of water that has been treated. The microprocessor calculates a reserve volume to ensure that sufficient supplies of soft water are always available and automatically regenerates the softener when required. Automatic models require a 240 volts power supply to operate the 24 volts safety transformer that supplies power to the microprocessor.

We've been producing
water softeners in
Australia since 1987.

Automatic: SEV8 & SEV17



Model	SEV8
Capacity	10,000lt*
Height	1100mm
Width	470mm
Depth	340mm
Connections	3/4" BSP 20mm

Model	SEV17
Capacity	17,000lt*
Height	1100mm
Width	470mm
Depth	340mm
Connections	3/4" BSP 20mm



Semi-automatic: STT8 & STT17

Model	STT8
Capacity	10,000lt*
Height	1100mm
Width	470mm
Depth	340mm
Connections	1/2" BSP 15mm

Model	STT17
Capacity	17,000lt*
Height	1100mm
Width	470mm
Depth	340mm
Connections	1/2" BSP 15mm

*At 100ppm hardness

All Watermatics include:

- 5 years cabinet warranty
- 2 years valve warranty
- Nationwide service.



Water Softeners explained

As the name implies, water softeners 'soften' water. Some models are designed to both soften water and to remove iron and other stain causing metals. Soft water lathers and rinses more freely. Laundry will be soft and fluffy and there is reduced potential for soap scum to build up on shower screens, bathroom tiles and fittings. Skin and hair feel cleaner - soft water is just one of life's luxuries.

Softeners have the ability to treat a set volume of water after which they need to be regenerated. The volume capability of a water softener is determined by the type (model) of water softener, the amount of water to be treated, the flow rate and the hardness of that water. For instance Waterways' SEV17 model softener will treat 17,000 litres of water at 100ppm hardness, before it needs to be regenerated at flow rates up to 35 litres per minute. If you double the hardness, you halve the capacity, so at 200ppm hardness that same softener will only treat 8,500 litres between regenerations. If you need a higher flow rate you'll need a bigger water softener.

'Regeneration' means passing a brine solution through the softener to release accumulated hardness salts (that the softener has removed) so that the softener can continue to treat water for another preset volume.

Regeneration can be automatic or semi-automatic (manually activated). Automatic models count down the volume of water that is being treated by the softener. When capacity is nearing exhaustion, the softener switches to a stand-by mode to automatically regenerate at the next pre-set time. This normally occurs when water use is minimal.

With semi-automatic models you activate the regeneration by turning a mechanical timer to a marked setting.

The timer turns itself off automatically when regeneration is complete (hence semi-automatic) and returns the softener to service.

With a semi-automatic softener, the operator has to 'guesstimate' when the softener needs to be regenerated. This means (unlike automatic models) there may be times when there is hard water passing through to the home (if the softener is not regenerated it will eventually run out of capacity).

It's important to note that the softening process does not add salt to the water. Brine is used only as a regenerant and washed from the softener before it returns to service. This happens in both models, automatically as part of the regeneration process.

[Waterways has water softener models to suit all requirements, domestic and commercial. We can advise on which model best suit your needs.](#)

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