



BWT Prismertec Eco  
Silky Smooth Pearlwater



For You and Planet Blue

 **BWT**  
BEST WATER TECHNOLOGY



## Affordable luxury silky water

You will be amazed at the difference that softened water can make to your lifestyle and your household budget.

Luxuriously silky water will bring a new dimension to washing, bathing and showering. Not only will you enjoy the soft caress of richer lather and softer suds you'll also find that used shampoo washes away more easily, leaving your hair clean, shiny and smooth. Your clothes will take on a new found softness too. As the soap suds rinse away quickly, it leaves fibres clean and fresh.

You'll be helping the environment too. A BWT water softener uses less water and salt than many of its competitors, and because you'll need less detergents and shampoos, running costs will be lower and fewer chemicals will be washed down the drain.

Tough on scale and scum, your BWT water softener will help keep your bathroom suite, shower and kitchen sparkling clean. Unsightly stains and marks will disappear, while cleaning will become less of a chore with no need for the harsh chemicals and expensive limescale removers previously required.

Your BWT water softener delivers not only the promise of softened water, but brings you peace of mind as well. You can feel secure in the knowledge that your water softener has been developed and manufactured by BWT. With more than 20 years of experience, BWT is recognised as one of the world's leaders in water treatment and water softener manufacturing. Each model has been tried, tested and developed to provide the very best in quality and performance.



## The hidden cost of hard water

Hard water deposits scale throughout your domestic water system, with the result that:

- Water takes longer to heat and burns more fuel.
- Your washing machine may be using around 50% more soap.
- Your hot water tank could be running at just two thirds of its capacity as scale clogs up the rest.
- Government statistics show just 6mm of scale can be enough to reduce the efficiency of your heating system by up to 38 per cent.
- Premature replacement of an average family boiler could cost you over £1,000.

Your BWT water softener is tough on existing scale too. Over time, softened water will help dissolve and wash away limescale which has accumulated over the years, helping to restore the efficiency of your hot water system and the flow of water through your pipes, taps and showers.



### The everyday cost of hard water

Limescale removers, fabric softeners and detergents can add some £200 per year to your household budget.





Model	BWT Prismertec 10 Litre Tablet salt water softener
Valve Control System	Electronic Meter
Valve Type	Piston
Proportional Brining	Yes
Salt used per Regeneration* Min/ Max (kg)	0.9
Flow Rate* Min / Cont. / Max (litres/min)	10/30/50
Nominal Flow Rate*** (litres/min)	30
Water used Per Regeneration (litres)	20
Salt Storage Capacity (kg)	12
Exchange Resin Capacity (litres)	10
Maximum Softened Water Capacity (litres)	1580
Maximum Working Pressure (bar)	5
Minimum Working Pressure (bar)	1.5
Electrical supply /Transformer	230 AC
Inlet /outlet Straight Connectors	3/4" BSP
Drain Connection	8mm
Height (mm)	535
Depth (mm) excl. fittings	520
Width (mm)	270
Part Number	BWTAQPRIS

## Advanced features at a glance

- Advanced electronic control system
- 2 way indexing head
- One touch access to data logging provides information such as water flow rate and water usage between regenerations
- High capacity monosphere resin with regular bead size for the maximum amount of softened water between regenerations
- Proportional brining for greater efficiency
- Compact size
- Precision brining for optimum efficiency

**10 years warranty\***

\*Subject to service plan and terms and conditions

### Notes:

\* Flow rates are from 10 and up to a peak of 50 litres a minute. At flow rates under 10 litres per minute the hardness may not be effectively removed from the water. If peak flow rates are sustained for longer than ten minutes, the softener capacity may be reduced, resulting in hard water break through.

\*\* The proportional brining control system calculates the exact amount of water and salt required to regenerate the water softener. The amounts used will vary depending on the remaining capacity of the resin bed

# BWT Prismertec Eco

The BWT Prismertec brings German engineering to a time proven water softener design, built and tested in the UK for UK plumbing systems. The new Prismertec will fit comfortably into most kitchen environments and offers the householder a host of sophisticated and efficient features. State of the art electronics and a precision controlled water softening process make for an almost unrivalled performance, making the BWT Prismertec one of Europe's most efficient domestic water softener.

Designed to blend form and functionality, the BWT Prismertec has been developed to meet the demands of today's busy lifestyles by delivering copious amounts of softened water at flow rates to meet the requirements of modern combination boilers, power showers and direct mains fed water systems.

## Proportional Brining

The integrated electronic control system monitors your softened water usage, making only enough brine (salt solution) to regenerate that part of the resin bed that has been exhausted. In this way, the amount of salt used relates directly to the amount of softened water used; making it more efficient and cost effective.

## Counter regeneration

This means brine solution first passes through unused resin at the bottom of the resin bed, ensuring that the whole bed is treated without any wastage. This reduces the amount of water used in the regeneration cycle.



## Kind to the environment and your pocket

BWT Prismertec is simple to set up and operate and uses over 43% less water and over 30% less salt than other similar sized water softeners.\* Thanks to its advanced and precision controlled water softening process, the BWT Prismertec is considerably greener and kinder to the planet, you and your home than other similar water softeners.

## Monitoring your lifestyle for greater efficiency

At the heart of the BWT Prismertec is an advanced electronic control system that brings a totally new level of control to the water softening process. Monitoring, controlling and adjusting each regeneration cycle accurately to deliver outstanding performance, it dramatically reduces water and salt usage for lower operating costs. Investing in a Prismertec now will reduce your future running costs and the payback period on your investment.

Day by day, hour-by-hour, the BWT Prismertec captures data on the amount of water you and your family use and stores the information in its memory. The regeneration cycle is meter controlled and is usually programmed for the early hours of the morning when the family is sleeping. This simple process is fully automatic and to ensure the Prismertec only regenerates when necessary, all you need to do is occasionally top up the unit with salt.



\* Comparisons calculated on published data of similar sized water softeners



# BWT The Company

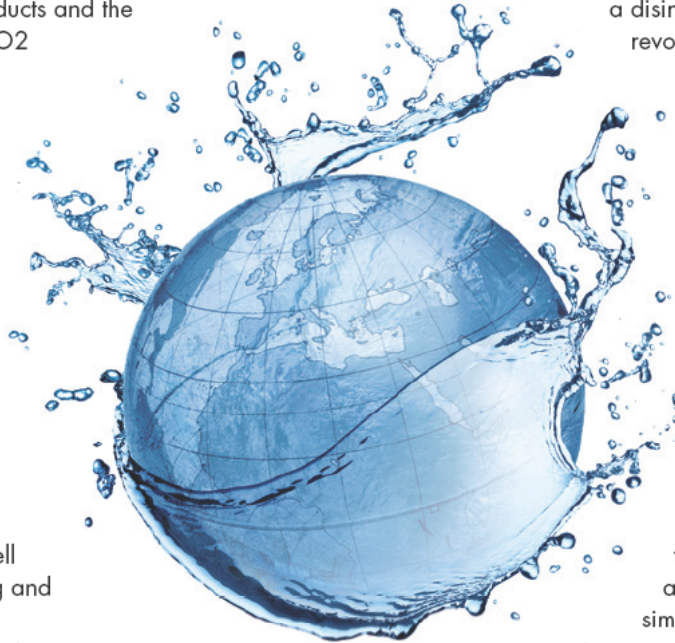
The Best Water Technology Group was formed in 1990 and is today Europe's leading water technology company. More than 2,800 employees in over 70 subsidiaries and associates together with thousands of service employees, plumbers, planners, architects and hygiene experts constitute the BWT water partner network. Employees in Research & Development work on new processes and materials using state-of-the-art methods to target the development of ecological and at the same time economical products. Thereby the reduction of energy consumption of products and the consequent minimisation of CO<sub>2</sub> emissions is a key issue.

When it comes to water, almost everywhere, whether at the entrance of the water pipe into a building – the Point of Entry - or at the tapping point – the Point of Use, the trend-setting products by BWT are in use and have proved their quality millions of times. For the treatment of drinking water, mineral water and ultrapure water for the pharmaceutical industry as well as in swimming pools, heating and process water, boiler and cooling water as well as for water for air-conditioning.

Extensive innovations guarantee our customers maximum security, hygiene and health in the daily use of water, the precious elixir of life. These innovations, among others, include SEPTRON®, the worldwide first electrode deionisation module (EDI) with spiral wrap, the MDA (manganese oxide activation) – method for effective manganese removal, the bipolar technology AQA total for chemical-free lime protection, SANISAL – the worldwide first regeneration salt for softening systems, which at the same time works as a disinfectant as well as the new, revolutionary Mg<sup>2+</sup>-technology for better taste of filtered water, coffee and tea.

With unique high efficiency membranes for fuel cells and batteries, BWT is bringing about a cleaner and sustainable energy supply in the 21st century.

BWT – For You and Planet Blue is our mission to take ecological, economical and social responsibility, to provide our customers and partners with the best products, systems, technologies and services in all areas of water treatment and simultaneously contribute valuably to preserve the global resources of our blue planet.



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