

the
ultimate[™]
water softener



MONARCH WATER



PRODUCT GUIDE
*Please take
one*

MW0119HE



- ✓ Choice of models to suit all requirements
- ✓ Monarch 7 & 2 guarantee
- ✓ Opti-Brining[®] as standard
- ✓ Removes existing scale
- ✓ Prevents new scale forming
- ✓ Protects your appliances
- ✓ Kinder to your skin
- ✓ Saves you money
- ✓ Includes Rapid-Fit bypass for quick and easy installation
- ✓ Suitable for 15, 22 & 28mm water supplies



MONARCH - SUPPLIERS TO H. M. THE QUEEN'S ESTATE AT SANDRINGHAM

imagine...

a water softener that features all of this:

- ✓ **The highest flow rates of any softener available**
- up to 83 litres per minute
- ✓ **Easy view control panel with back lit display**
- ✓ **Easy push button set up - only takes a few seconds**
- ✓ **Unique Self Protect Programme that:**
 - a: Detects leaks in your plumbing system*
 - b: Delays regeneration until 2am*
 - c: Stores data in the event of a power cut*
 - d: Initiates an additional regeneration if ever required*
 - e: Learns and remembers your water usage patterns to make substantial savings on salt and water use*
- ✓ **Safe low voltage electronics via plug-in transformer - supplied**
- ✓ **Meter Control with Opti-Brining® as standard – only regenerates the resin (food grade) that has been used**
- ✓ **Opti-Brining® with HE resin. A winning combination giving up to:**
 - 46% greater capacity*
 - 24% less water use*
 - 56% salt saving over conventional softeners*
- ✓ **CE Approvals**
- ✓ **The UK's only softener range suitable for 15, 22 and 28mm supplies**
- ✓ **Automatically adjusts to BST and GMT time changes**

then

imagine

*a water softener
from Monarch*



Monarch has been successfully making water softeners for over 50 years. Part of this success is attributed to the reliability of our control valves.

Proven performance, reliability and efficiency supported by our 7 year guarantee, ensures that the Monarch water softener you choose is...*

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Whilst reliability is important, we believe space is also an important consideration and have endeavoured to produce a water softener which is as compact as possible. From an easily viewed control panel, with back lit display, to the high capacity resin vessels, every Monarch softener has been built without compromise.

All our models are meter controlled, with the added features of a clock and our unique Self Protect Programme (SPP). They measure the water used and regenerate to individual household requirements. The intelligent 'SPP' chip and the clock ensures there is enough soft water available to delay the regeneration until 2am[#], a time when little, if any, water is being used.

[#]Time can be changed to suit individual requirements.



Soft water - for the perfect shave!



The high performance water economy, efficiency and reliability

Peace of Mind

European regulations state that a minimum 2 year guarantee should be provided.

At Monarch we go much further

With the proven reliability of our water softeners, we give an additional 5 years guarantee totally free of charge - giving you 7 years* of total peace of mind.

*7 year parts with 2 year labour. Additional warranty packages are available- please ask for further details.



*er softener offering
iability through experience*



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A Monarch water softener will descale your shower and return it to full power plus you will get a better lather and use less soap and shampoo.

✓ ***Removes existing scale...***

Your Monarch water softener will begin to descale your system from the moment it is installed.

✓ ***Prevents any new scale...***

Once your existing scale has been removed, new scale will not form. Baths, basins, taps, shower screens, crockery, cutlery and glasses will stay clean.

✓ ***Protects your appliances...***

With no scale in your system, your washing machine, dishwasher and shower will work as never before.

✓ ***Kinder to your skin...***

Soft water feels silkier. Many sufferers of dry skin notice a marked improvement with soft water. With lower amounts of soaps, washing powders etc, being required, gone are the major causes of irritation.

✓ ***Saves you money...***

The cost of washing powders, soaps, shampoos, cleaning agents and detergents will be reduced by up to 50% and with no scale to heat first, it truly proves that soft water saves you money.

✓ ***Bath time bliss...***

Continuous lather, no scum, no 'tide' lines, sounds good doesn't it? p.s. Less cleaning time too!

TECHNICAL SPECIFICATION

Your Monarch water softener is suitable for all types of 15, 22 and 28mm plumbing systems. All models are supplied with the unique Rapid-Fit bypass (reducing components needed to install the softener by 85%) and flexible hoses to suit traditional plumbing systems i.e. storage tanks in roof. However, for Combination boilers and Pressurised systems, we recommend the use of Maxflow hoses, both of which are available from your Monarch water softener supplier. In addition to the Rapid-Fit bypass and flexible hoses, every Monarch softener includes a complimentary water hardness test kit.

CHOOSING YOUR MODEL

To identify the right model for you, simply apply your family size to the chart below and cross-reference to either hard or very hard water. If you do not know the water hardness of your area, or indeed require any other assistance, please call us on 01986 784759.

INSTALLATION REQUIREMENTS

(all models)

Water pressure: 1.5-5 bar

Operating temperature: 2-49°C

Electrical supply: 3-pin socket

Waste: Drain/overflow facility

HELPING YOU

If our regular water softeners are not to your requirements, i.e., size or if you have an unusual water system (two cylinders, large water main etc) please call us. We manufacture many different models in addition to this range and are confident that we can help you.

MODEL SELECTION GUIDE

Family Size	Hard Water Models*	Very Hard Water Models**
1 - 3	MiniAqua HE or Midi HE	Midi HE
1 - 5	Midi HE	Midi HE
1 - 7	Midi HE	Master HE

*Hard Water: 200- 340ppm. **Very Hard Water: 350- 450ppm

Family Size is based on allowing 142 litres per person per day. Source: Energy Savings Trust

Model	Litres of solvent-free resin	Salt use per regeneration (Kg)	Max flow rates lpm*	Dimensions mm H x W x D
MiniAqua HE	10	0.9 - 1.4	83	480 x 270 x 485
Midi HE	14	1.0 - 1.7	78	555 x 270 x 485
Master HE	18	1.6 - 2.7	78	710 x 270 x 485

*Pressure drops: 25-lpm/0.3bar, 35-lpm/0.4bar, 50-lpm/0.9 bar. Depth shown in chart above includes allowance for standard Monarch hoses.

If using Maxflow hoses please allow an extra 18mm to depth.

If using Ultraflow hoses for 28mm applications, please allow an extra 25mm to depth.

Supplied by:

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