

Delta

Non-Electric Water Softener



- No electricity required
- Valve bypass incorporated to prevent that soft water slimy feel
- Saves on cleaning products, soap & detergents
- Lengthens the life of your appliances
- Compact design
- Sparkling clean shower heads, baths & sinks

The new Delta Softener provides quick an easy solutions to your hard water problems. No electricity is required & you may not need a plumber to install the softener due to its' unique design. The valve can be orientated through 270° , easing installation, a bypass valve & non-return valve is already installed inside the head, normally installed separately by your plumber, and the softeners' compact size means that it can be installed under most sinks.



Spectrum

Environmental Solutions Limited



Connection	3/4 inch
Working Pressure	1 - 6 bar
Flow Rate	1500 l/hr
Pressure Drop	1 bar
Capacity	750 litres
Water Usage/regeneration	16 - 20 litres
Salt Usage/regeneration	0.3 - 0.4 Kg
Maximum Temperature	50°C
Filter	0.08 mm

UNIQUE DESIGN SAVES YOU MONEY

- The Delta Softeners' unique design can save you up to 50% of the cost of your new softener by saving on expensive installation charges.
- The Delta Softeners works by using the mains water pressure to drive the valve so there is no need for a separate electricity supply under your sink.
- No electrician is required saving you money.
- Most of the plumbing fittings required are incorporated into the softener so you may not need the services of a plumber, again saving you money.
- Push fit connections available to enable non-plumbers to easily fit in most locations.
- Built-in bypass valve to prevent that slimy feel often felt when trying to wash soap off your skin.
- Uses block salt so no mess when replenishing the salt tank.



Easy hardness regulator



Easy installation

COMPACT DESIGN EASES INSTALLATION

- Will fit under most sinks
- Connections rotatable through 270° easing pipework orientation

BENEFITS OF SOFT WATER

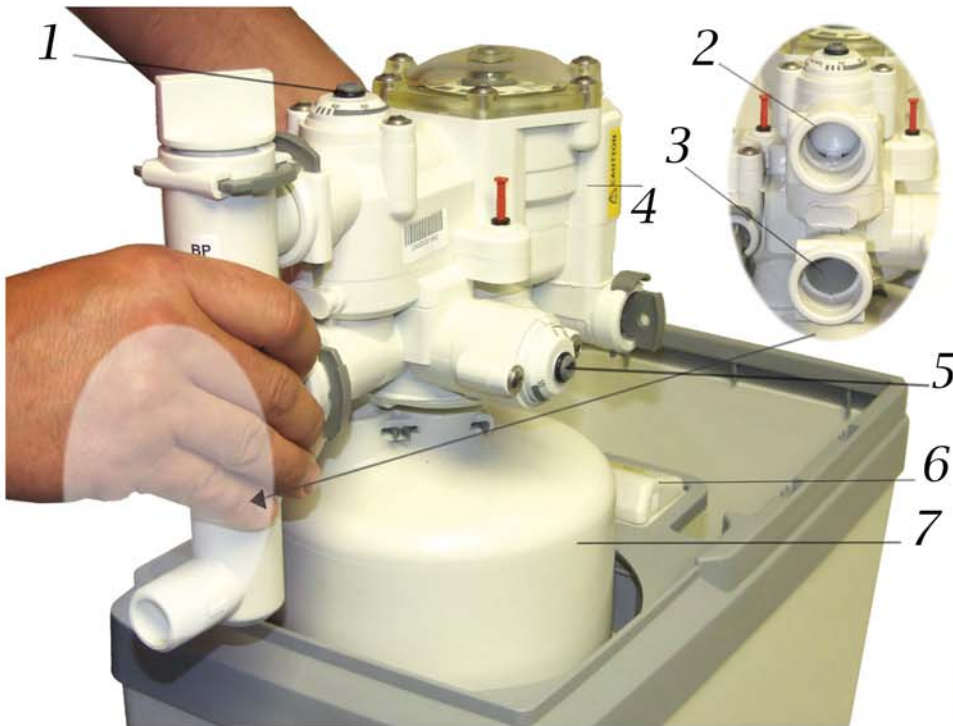
- Eliminates scaled shower heads & bath scum
- Can help with dry skin conditions such as eczema or psoriasis
- Less detergents, soap & cleaning products used saving money & the environment



Softer skin and hair

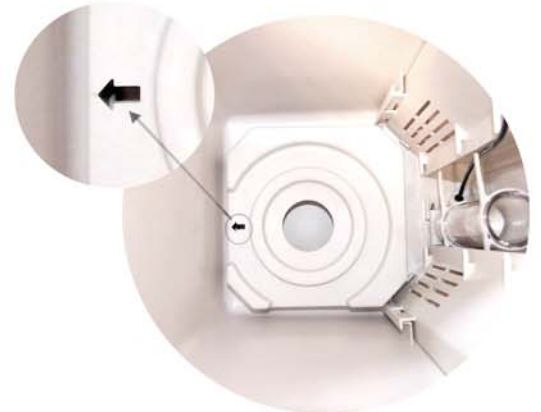
For further information or reading, or to purchase your softener online, please refer to our website at www.spectrum-softners.co.uk and select the General Information & FAQ tab.

DELTA: Non-Electric Water Softener



No.	Easy Installation Key
1	Hardness Regulator
2	Water outlet
3	Water inlet
4	Valve housing
5	Blending regulator
6	Brine valve chamber
7	Container

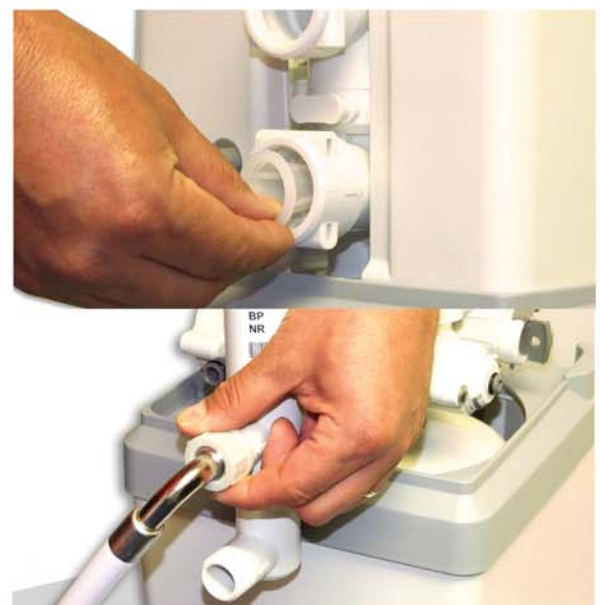
Reposition the container to suite your pipework making sure it sits on the base (below) with the arrow pointing in the appropriate direction.



Connection	¾ inch
Working Pressure	1 - 6 bar
Flow Rate	1500 l/hr
Pressure Drop	1 bar
Capacity	750 litres
Water Usage/regeneration	16 - 20 litres
Salt Usage/regeneration	0.3 - 0.4 Kg
Maximum Temperature	50°C
Filter	0.08 mm

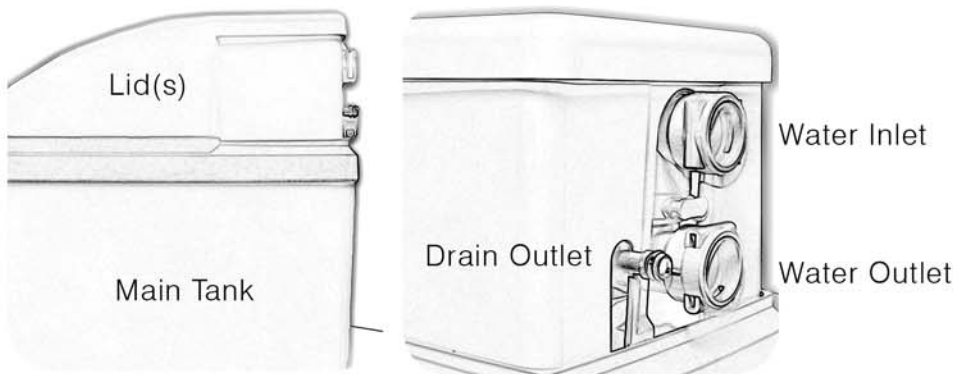
Above is a model specification.

All the parts come either fully assembled or have a "click in" or twist function and because the model is non-electric, there are no hazardous wires to adjust.



All other information is available on our website
www.spectrum-env.co.uk or
www.spectrum-softeners.co.uk

DELTA: Non-Electric Water Softener



The basics -

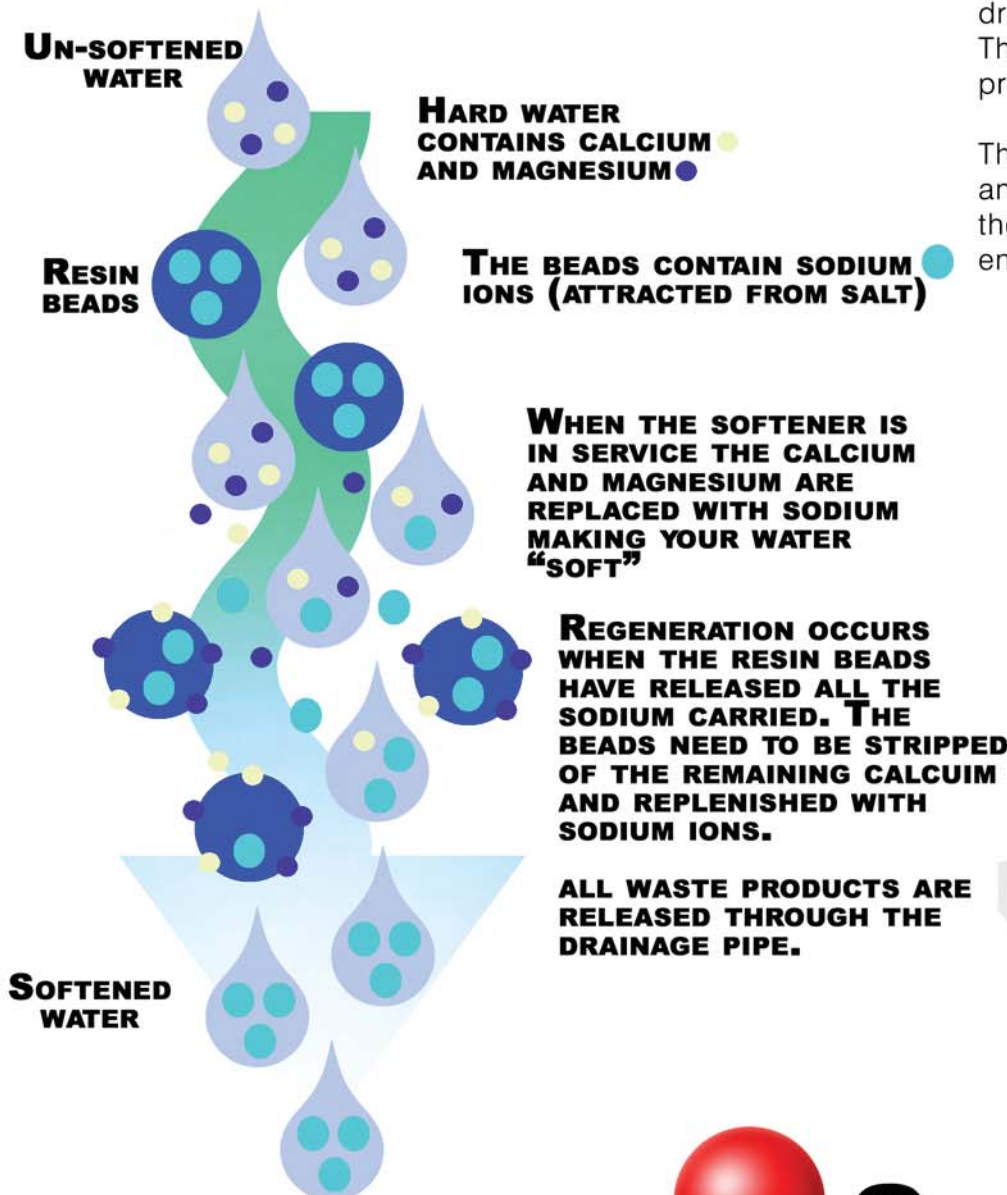
a brief all you need to know to understand the Delta model.

The "Water Inlet" tube is how it sounds; you water will travel through this part to the be softened, then will leave through the "Water Outlet" tube.

The "drain Outlet" has a tube (provided in the Delta Installation kit) and can be connected to a local drain.

The pipe provided is reinforced to prevent any pipe kinking

The lid has two parts - one to cover and protect the valve housing and the second to shield the main tank to ensure no solids enter your softener.



WHEN THE SOFTENER IS IN SERVICE THE CALCIUM AND MAGNESIUM ARE REPLACED WITH SODIUM MAKING YOUR WATER "SOFT"

REGENERATION OCCURS WHEN THE RESIN BEADS HAVE RELEASED ALL THE SODIUM CARRIED. THE BEADS NEED TO BE STRIPPED OF THE REMAINING CALCIUM AND REPLENISHED WITH SODIUM IONS.

ALL WASTE PRODUCTS ARE RELEASED THROUGH THE DRAINAGE PIPE.

