

pozzani®

Water Treatment Products



**CS6H
WATER SOFTENER
SYSTEMS**

CS6H WATER SOFTENER SYSTEMS

Suitable for domestic use



OVERVIEW

New this year, the CS6H range of water softeners offers three different model sizes to suit an array of domestic applications.

The range offers affordable, reliable and effective treatment of mains water in modern, compactly designed housing.

Maintenance is straightforward, and the practical slide cover lids make for easy salt refilling

Please note that whilst soft water has many benefits for the home, it is advisable to keep a hard water tap installed for drinking water purposes.

BNT-85 CONTROL VALVE

All CS6H water softeners come fitted with an NSF certified BNT-85 control valve which fits discreetly within the slide cover of the system housing in order to save on valuable installation space. The LCD screen displays information such as last regeneration date, current flow rate and peak flow rate, and the automatic vacation mode prevents the media from cementing. The valve is pre-programmed for you in our factory in Louth so that it is ready for use upon the system being successfully fitted.

CHOICE OF MODELS

Model Number	CS6H 1017	CS6H 1026	CS6H 1035
Suitable for	Routine domestic use	Mid to high domestic use	High domestic use
Pressure tank size	1017	1026	1035
Brine well size (inches)	17	26	35
Resin volume (litres)	12.5	18	25
Height (mm)	575	810	1034
Width (mm)	333	333	333
Depth (mm)	505	505	505

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REASONS FOR NEEDING A WATER SOFTENER

Much of the mains water that is supplied to domestic properties within the British Isles is hard water; that is water which is a solution of rainwater and dissolved mineral salts like calcium and magnesium. Hard water is created when rainwater passes through local mineral-rich rock, and these minerals are drawn into and retained in the water.

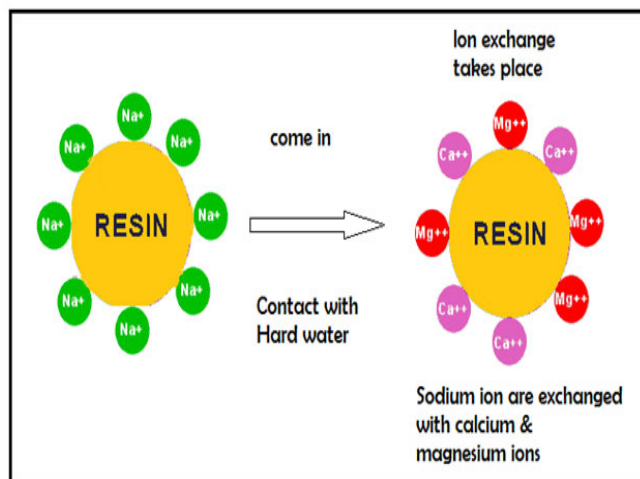
When heated, hard water evaporates and leaves behind a thick layer of mineral despoits called scale. This scale can affect the home in a number of ways. It can build up on heating elements in appliances such as kettles, washing machines and dishwashers, making them less efficient and shortening their lifespan. Pipes, valves and showerheads can become blocked, and fixtures and fittings such as taps, shower screens and tiles can become mottled with unsightly residue.

Water softeners removes the scale-causing minerals from mains water and eradicate such problems.

BENEFITS OF USING A WATER SOFTENER

- Longer lasting appliances
- Fixtures and fittings have more shine
- Less shampoo, soaps and cleaning agents used
- Kinder to hair and skin
- Kitchen & bathroom surfaces are easier to clean
- Increased appliance energy efficiency
- Reduction in utility bills
- Streak and spot free kitchenware
- Softer laundry
- Removes existing limescale buildup

HOW OUR WATER SOFTENERS WORK



Pozzani water softeners work by passing hard water at pressure through a resin column that contains small negatively charged plastic beads.

These beads clean the hard water through an ion exchange process. Calcium and magnesium in hard water both carry a positive charge. As the water passes through the resin, the minerals cling to the beads and are replaced in the water by sodium ions.

After the resin becomes exhausted (saturated with calcium and magnesium), a common salt solution is drawn through the column and the hard minerals from the resin are then released and flushed down the drain with all the excess brine. This part of the water softening process is called regeneration and is repeated as often as is necessary.

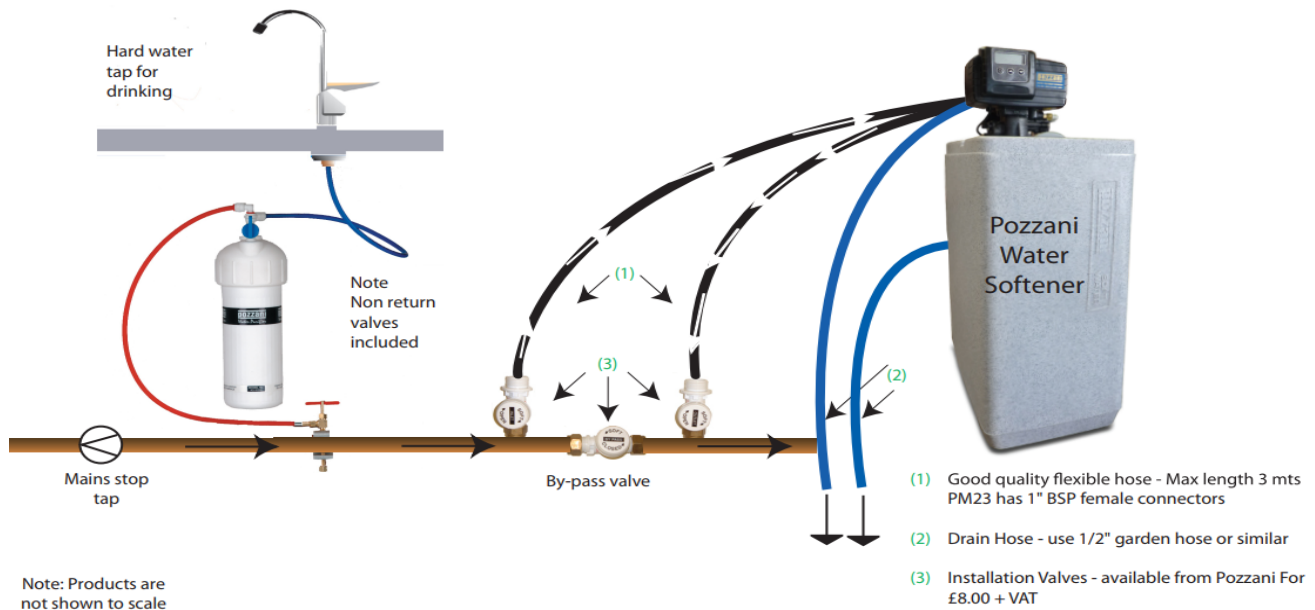
WHY CHOOSE A POZZANI WATER SOFTENER?

We have over 30 years experience in water treatment and all of our water softener systems are assembled, pre-programmed and checked in our factory in Louth, Lincolnshire before being sent out.

We pride ourselves on the reliability and cost-effectiveness of all our products but should your water softener acquire a fault after installation, we can collect it, repair it and return it to you.

What's more, we offer ongoing after sales care. You can contact us on our technical helpline, even long after your system is up and running, and we will be happy to offer advice or answer any questions that you may have.

TYPICAL INSTALLATION OF A POZZANI DOMESTIC WATER SOFTENER



All of our water softeners should be installed by a competent plumber or technician. Safety consideration and water bylaws should be complied with; an approved double non-return valve should be fitted in cases where the system is installed on a mains water supply.