



SuperSoft Pro

Installation Instructions and User Manual



Thank you for choosing a
Supersoft Pro by Kinetico
to improve the quality of
your water.

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Safety information



Qualified Installer

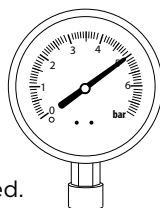
We recommended that a qualified installer performs the installation. Failure to install the system as instructed could invalidate the warranty.



Water Pressure

Do not install if the supply water pressure is below 1.8 bar.

Furthermore, if the supply water pressure exceeds 6 bar, a suitable pressure reducing valve must be installed.

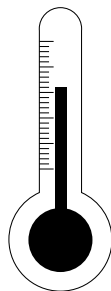


Installation Location

Must be installed according to local plumbing regulations.

Do not install the water softener in a location where the following conditions are or could become present:

- Direct sunlight
- Exposure to wet weather
- The water temperature could exceed 24°C
- The unit could freeze
- You are unable to access the water softener for servicing and salt filling





Maintenance

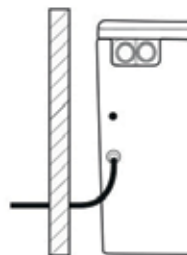
Annual service and inspection of the water softener is recommended to maintain optimum system performance.



Overflow

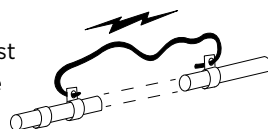
VERY IMPORTANT: Install a 1/2" I.D. hose to the barbed fitting on the cabinet and run downhill to a suitable outlet that is visible and capable of taking the overflow (i.e. through the outside wall).

The overflow must not be kinked or restricted or be allowed to discharge where damage could occur.



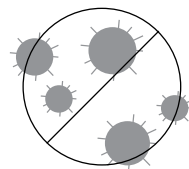
Copper/Plastic Pipework

Where copper/plastic pipework is used, you must adhere to the regulatory requirements to ensure adequate earth bonding is provided.

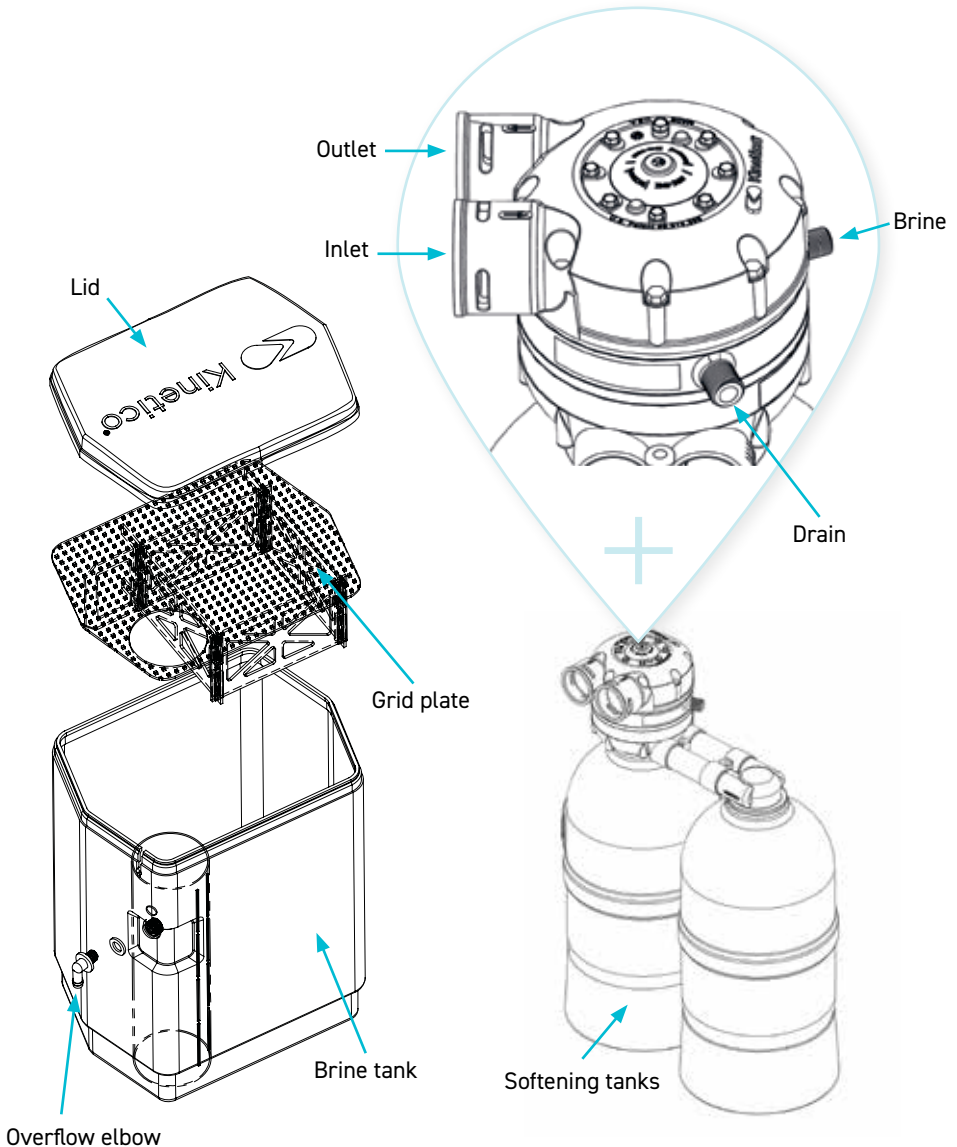


Intended Use

Not intended to be used for treating micro-biologically unsafe water or water that has an unknown quality, without adequate disinfection before or after the system.



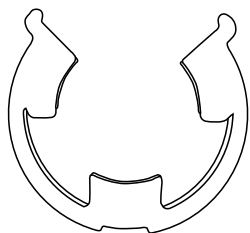
Getting to know the softener



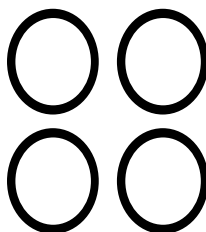
Specifications

DIMENSIONS	
Depth x Width x Height	203 x 432 x 584 mm
Weight	41 kg
Brine Tank Dimensions (d x w x h)	300 x 410 x 510 mm
PERFORMANCE	
Maximum Hardness	804 mg/L
Minimum/Maximum Flow	1.1 - 45 L/min
REGENERATION	
Water Used per Regeneration	26.5 litres
Regeneration Time	11 minutes
SYSTEM	
Salt Storage Capacity	25 kg (tablet)
Inlet/Outlet Connections	1" male BSP
Water Temperature	2°C - 50°C
Minimum Water Pressure	1.8 bar
Maximum Water Pressure	6 bar

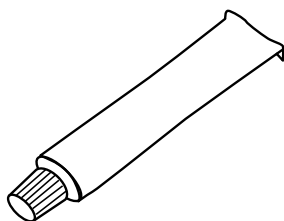
Contents of box



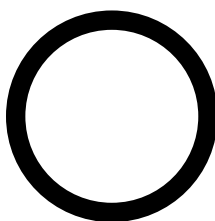
1 x eclip



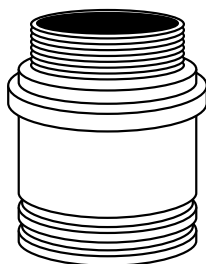
4 x o-ring



1 x 2cc silicone tube



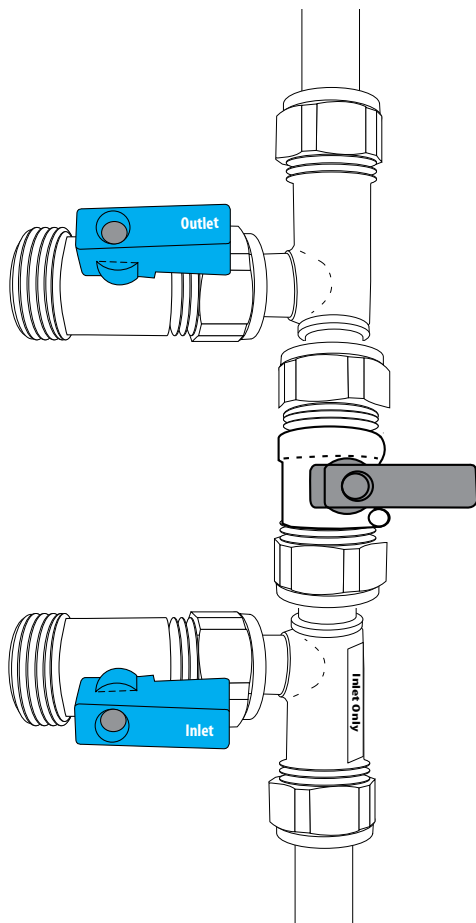
4 x 3/4" fibre washers



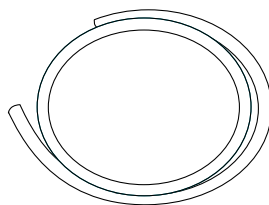
2 x 1" male BSP in/out adaptor

Other items included

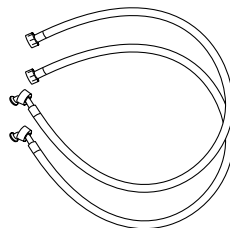
Make sure your installation complies with UK water regulations.



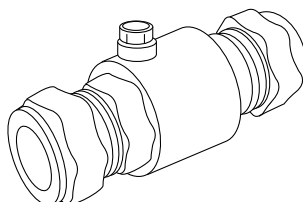
1 x by-pass kit



1 x drain/overflow hose

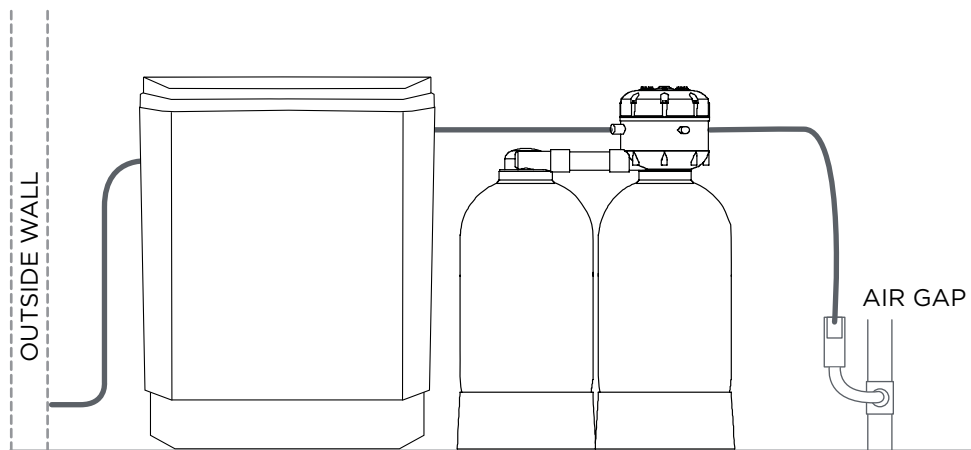


2 x hoses for inlet/outlet

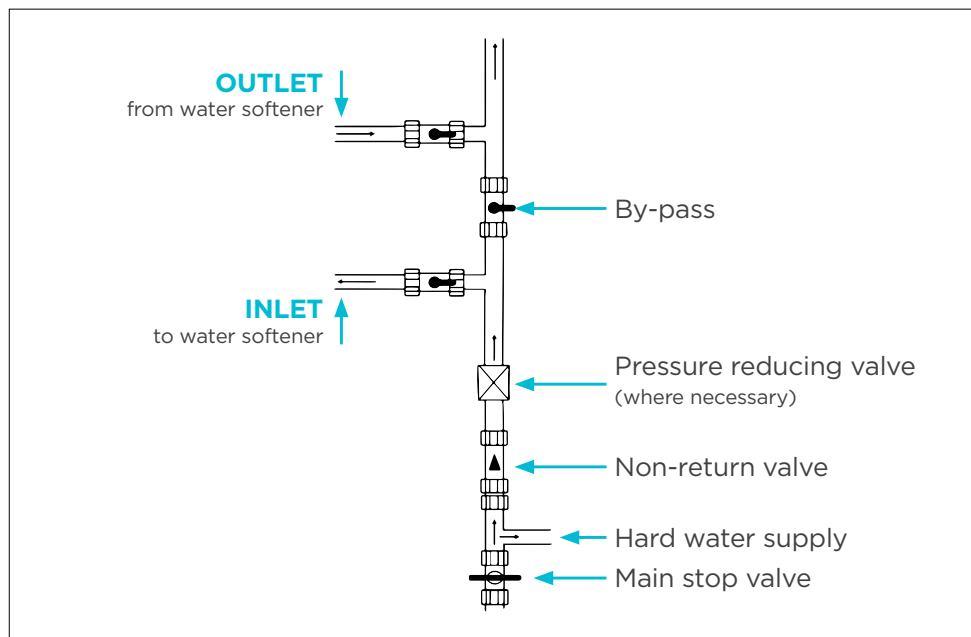


1 x non-return valve

Typical installation



Diagrams for illustrative purposes only.



Important checklist



Have you checked the incoming water pressure?

It's very important to check the incoming water pressure to the water softener. If it is below 1.8 bar a suitable water pump will need to be fitted. Furthermore, if the incoming pressure exceeds 6 bar, a water pressure reducing valve will need to be fitted on the supply to the softener.



Is there sufficient space to fit a non-return valve?

A non-return valve must be fitted on the mains water supply to the water softener.



Is there access to a drain?

A drain line should be fitted from the water softener to a waste pipe through an appropriate air gap. The drain must comply with local plumbing regulations.



Is there a suitable outlet for the overflow?

An overflow should be run to a suitable outlet that is visible.

Installation instructions

Caution: Do not solder any fitting while connected to the unit adaptors.

Care should be taken during the installation process to ensure solder and flux do not come in contact with any of the components.

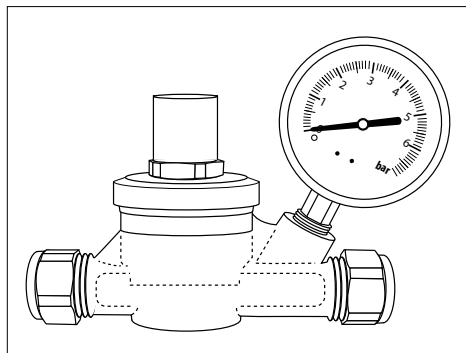
1 Select a suitable location:

Ensure the unit can be positioned on a flat surface.

If sand, silt or turbidity are present in the water supply, a pre-filter should be installed before the water softener.

2 Test the water pressure:

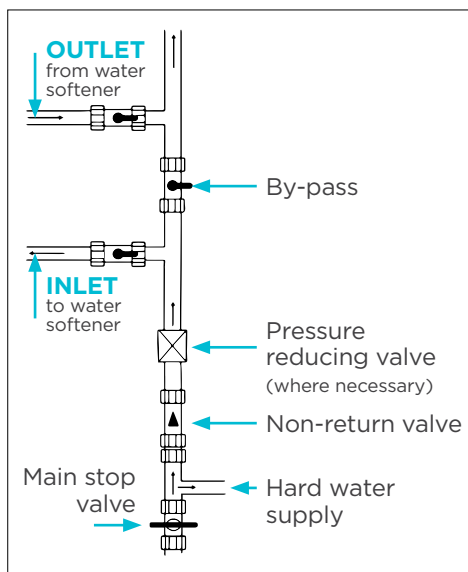
Test the incoming pressure to the unit. A suitable water pump will be required if the pressure is below 1.8 bar. Or, a pressure regulating valve will be required if the pressure is above 6 bar.



3 Install a by-pass (and non-return valve):

Plumb pipework as necessary to accommodate a by-pass assembly (and non-return valve).

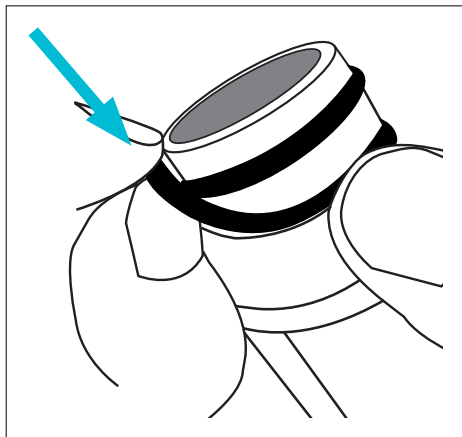
Please note: Verify installation complies with regional water regulations before continuing. Consult WRAS Guidance Note 09-07-01 for advice. Ensure the outside and drinking water taps are fed by mains water prior to the by-pass.



4 Flush:

After plumbing is complete, but before connecting to water softener, flush both inlet and outlet lines and allow water to rinse out any debris.

5 Fit inlet/outlet connection:

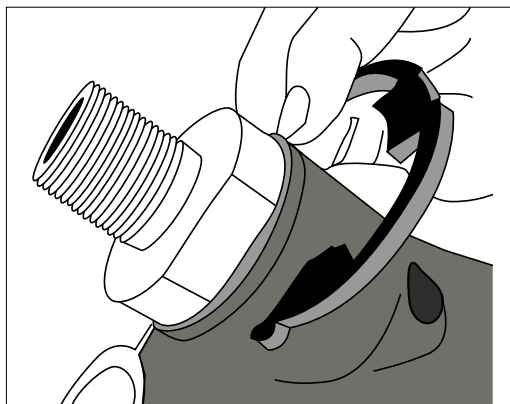


a: Fit 2 o-rings to each in/out adaptor then lubricate with the supplied silicone grease.

b: Connect inlet/outlet adapters to correct hoses, remember to use the washers.

c: Install adapters into control valve in/out ports, ensuring that they are fitted into the correct ports (see flow arrows on valve for reference).

d: Attach the eclips.

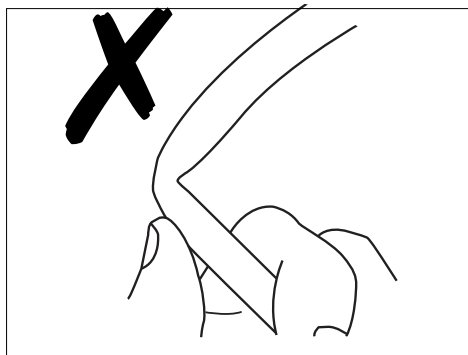


6 Run drain line:

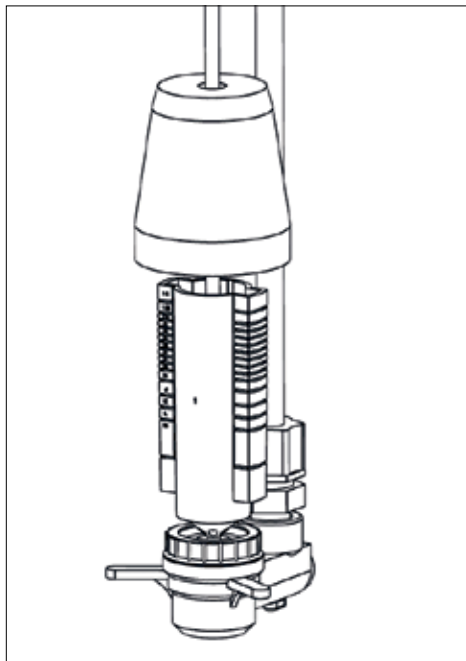
a: Run a drain line to a discharge point, checking for any obstructions or possible kinks. Follow local plumbing codes.

b: Push the drain line onto the compression elbow securely.

WARNING! Drain lines must not run more than 2.4m up or exceed a total of 9m. The drain line must not be restricted or kinked.



7 Prepare the brine valve:

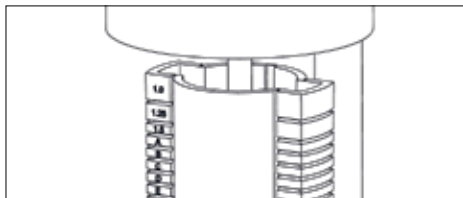


a: Place the brine valve assembly on a flat surface.

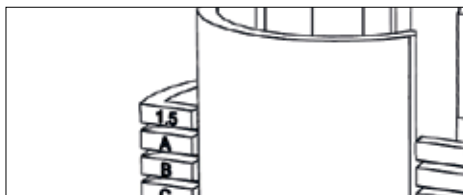
b: Remove the rubber band.

Note: The height is measured from the base of the brine valve assembly to the top of the float cup.

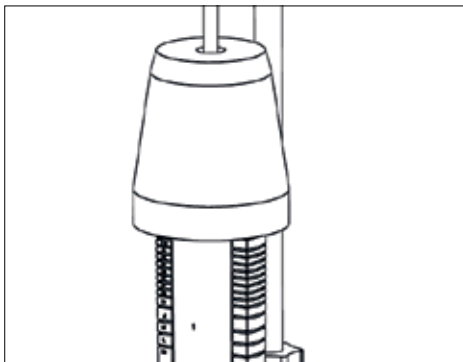
8 Set the brine valve:



Cut and remove the top two tabs on both sides of the tube.



The first remaining numbered tab should read 1.5.



9 Set the brine valve:

Carefully place the brine valve into the brine drum.

Installation review



Pressure:

If a pressure reducing valve has been fitted, ensure it has been correctly set to 6 bar.



Drain line:

Ensure the drain line is securely attached, has no restrictions or kinks, uses an air gap and is fully compliant.



Overflow:

Ensure the overflow has no kinks, is securely attached and that water is able to fall away with gravity.



Inlet/Outlet connections:

Ensure the hoses/plumbing are attached securely, using the washers provided, and are firmly held in place using the retaining clips



By-pass:

Ensure the inlet valve is open and that the outlet and by-pass valve is closed.

Commissioning instructions

1 Pressurise:

With the water to the unit restored, water may run to drain until fully pressurised.

2 Fill the brine tank with water:

Allow the brine tank to fill with water until the brine valve shuts off.

3 Initiate a backwash:

- a: Using a Phillips head screwdriver push down on the actuator, and slowly turn CLOCKWISE until the indicator dot reaches the letters BW on the clear cap.
- b: You will hear a rush of water and air going to the drain.
- c: When the cycle has finished (approx 4 mins), repeat the procedure, turn the indicator dot to the next backwash cycle and allow to finish (approx 4 mins).

4 Add salt and fit lid:

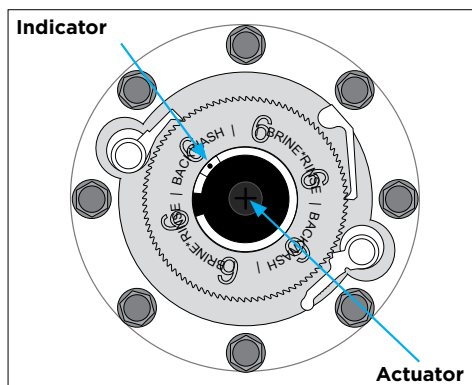
The brine tank has been designed to accommodate tablet salt. Block salt can be used. Simply add to the brine tank.

IMPORTANT: Only use salt made for use in water softeners. Do not use rock, solar or granular salt in your system. They contain impurities that can interfere with performance and could invalidate the warranty.

Once loaded fit the lid.

5 Put the softener into service:

Open the outlet valve and ensure the by-pass valve is closed. Open a tap in the house to release trapped air and rinse out any debris.



FAQs

1 How will I know when it is time to add salt?

You can add salt anytime there is enough room.

2 What if I forget to add salt?

If the water softener runs out of salt, refill the tank with salt and after 2 hours initiate manual regeneration.

1. Using a Phillips (crosshead) screwdriver, push down firmly on the actuator and slowly turn clockwise, listening for four clicks to start the regeneration.
2. You should hear water begin to run through the system. If you do not hear water, the disc has not advanced far enough, so continue to turn.
3. After 12 minutes the regeneration will be complete and the softener will be ready to use.

3 Where can I buy more salt?

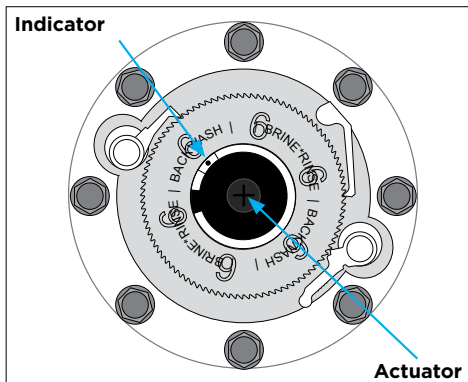
Your SuperSoft retailer can provide you with salt in easy to carry, convenient bags.

4 My water doesn't seem soft. How can I be sure that my system is working properly?

Ensure the water supply to the softener is not by-passed and there is salt in the brine tank. For further investigation please contact your SuperSoft retailer.

5 Should I see water in the salt tank?

Water in the brine tank should only be visible if the salt is at a low level.



How to by-pass your water softener

Follow these instructions when you need to shut off the water supply to your house or by-pass your water softener.

You may need to bypass your softener if;

- You are moving house or you need to service your softener
- You don't want soft water to go to your outside tap

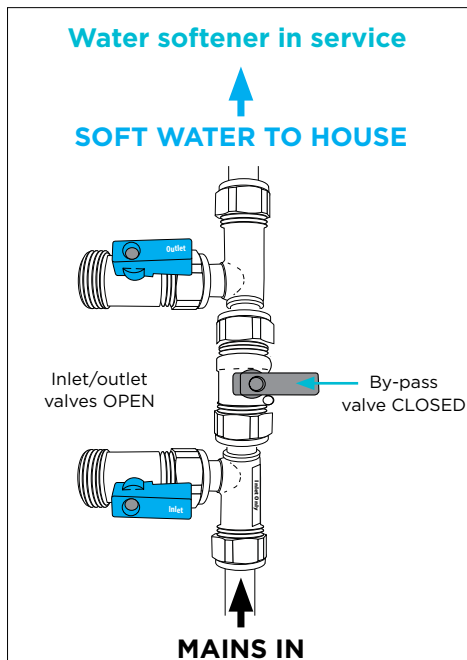
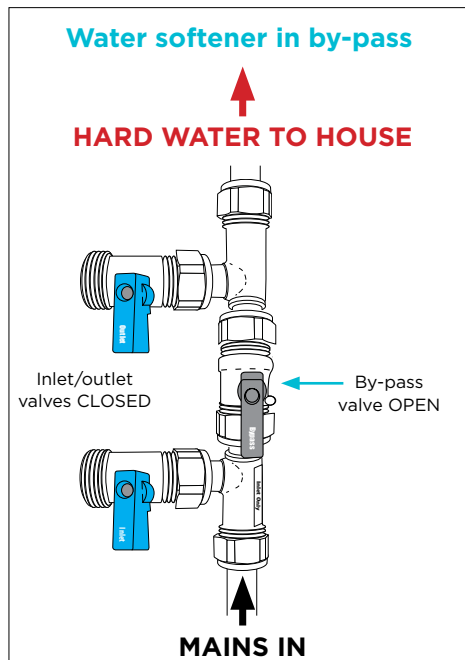
The water softener can be put into by-pass at any time.

To by-pass the softener:

Set the inlet/outlet (blue) valves to the "CLOSED" position and set the by-pass (grey) valve to the "OPEN" position.

To restart the flow of soft water:

Set the inlet/outlet (blue) valves to the "OPEN" position and set the by-pass (grey) valve to the "CLOSED" position.



Diagrams are for illustrative purposes only.

Service and maintenance record

[illegible]



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