



**“HW” SERIES WATER SOFTENER
GUARANTEE, INSTALLATION &
COMMISSIONING
INSTRUCTION**



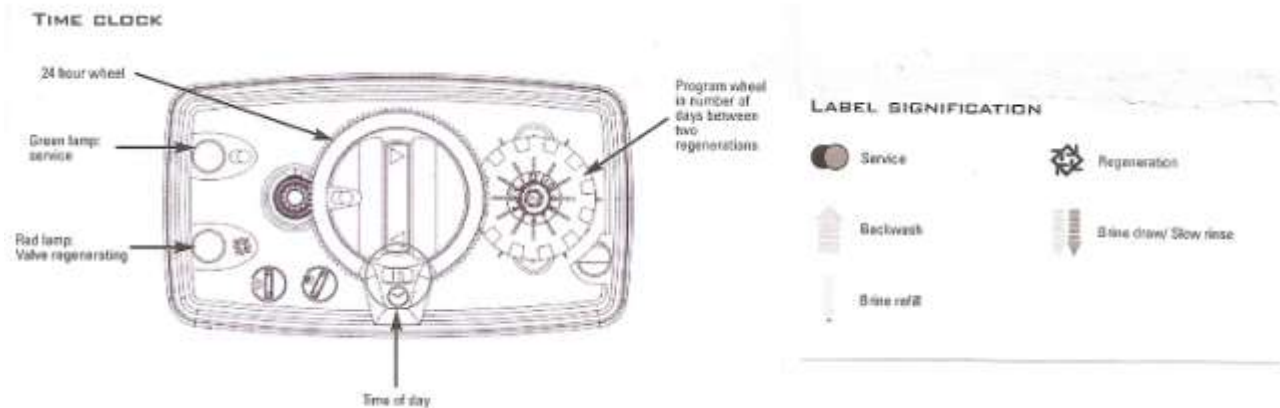
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WATER SOFTENER INSTALLATION INSTRUCTIONS

- 1) Softeners should always be installed on firm level ground.
- 2) It is important that this unit is fed by a suitable pressure in order for it to operate correctly. – ***Min- 1.7 Bar, Max 6.0 bar.***
- 3) The supplies to the softener should be capable of being isolated as close as possible to the softener and a piped by-pass should be included if the softener does not already have one.
- 4) The connections should be made with flexible hoses with regard to the flow direction arrows on the connection manifold and the push fit hose connection for the drain should be run to an open faucet to prevent syphonage. If the unit is supplied with a separate salt tank, you will need to connect the brine line from the air check elbow to the tank, ensuring the brass inserts are fitted within the pipe.
- 5) The incoming supply to the softener should include a non-return valve.
- 6) The provision of an overflow in case of overfilling of the brine tank should also be provided to the “push fit” elbow on the side of the tank.
- 7) Electrical connections should be made to a suitable socket outlet or D.P. isolation switch, fused at 3 amps.
- 8) Once installation is completed, GMAutoflow can be contacted to carry out commissioning of the unit.

HW SERIES COMMISSIONING INSTRUCTIONS



The water softener should be installed with the inlet, outlet and drain connections made in accordance with our printed instructions and to meet applicable plumbing codes.

1. Manually index the softener control into the service position and let water flow into the resin tank. When the water flow stops, open a softened water tap until all air is released from the lines, then close the tap. **Note:** the various regeneration positions may be dialled manually by turning the knob on the front of the control until the indicator shows that the softener is in the desired position.
2. Manually index the control to the back-wash position and allow water to flow at the drain for 3 or 4 minutes.
3. Remove back cover plate.
4. The salt dosage level would have been set prior to despatch. Should you wish to alter the amount, please call us for advice. Manually index the control to the brine fill position and allow the brine tank to fill to the top of the air check.
5. Manually index the control to the brine draw position and allow the control to draw water from the brine tank until it stops.
6. Plug in the electrical cord and look in the site hole in the back of the motor to see that it is running. Set the days that regeneration is to occur by sliding tabs on skipper wheel outward to expose trip fingers. This is normally set prior to despatch. Each tab is one day. Finger at red pointer is tonight. Moving clockwise from red pointer, extend or retract fingers to obtain the desired regeneration schedule.
7. Manually advance the control to the beginning of the brine fill position; and allow the control to return to the service position automatically.
8. Fill the brine tank half full with salt.
9. Replace back cover on the control.
10. Ensure that any by-pass valving is left in the normal service position.



GUARANTEES AND SERVICE

The owner of a **GMAutoflow** water softener is protected by the following guarantees, which include the right to exchange or repair in the case of a manufacturer's defect for up to:

1 year on valve
5 years on brine tank or cabinet
5 years on resin vessel

The guarantees are under condition that the softener is installed according to local regulations and to the manufacturer's instructions as specified below:

- 1) It is very important that the water temperature of 50 centigrade for CW Series (cold water) and 65 degrees for HW Series (hot water) is never exceeded.
- 2) There must always be suitable salt in the brine tank.
- 3) The electrical supply must never be switched off.
- 4) After a power outage the electro timer must be re-adjusted (timer models only)
- 5) The inlet and outlet valves must always be open. The by-pass valve must always be closed.

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