

Operation & Maintenance

Well Water Treatment System

Discount Water Supply Inc.

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This is only a general guide for PREVENTIVE maintenance for systems that use the chlorination/dechlorination and ion-exchange softening method of water treatment. Consult your manufacturers' instructions for details.

Notice to consumer. Operational, maintenance and replacement requirements are essential for water treatment devices to perform as sold.

Caution – Using a home water system for irrigation, swimming pools, agriculture or other non-domestic will result in operational difficulties and poor water quality.

Weekly

- Measure chlorine residual at filter inlet. Adjust for 1.0 to 4.0 mg/L.
- Check that clocks are on correct time of day.
- Check salt level. Add salt when water is visible. Break up any solidified salt as needed.
- Check chlorine level. Maintain a mixture of 1 or more gallons of chlorine to 1 barrel (35 gallons) of water. Extreme conditions may require a stronger solution.
- Check that drains are unobstructed.
- Check all associated equipment for normal operation.

Monthly

- Service the chlorine injection valve. Disassemble, inspect, clean or replace. Consult the equipment manufacturer for details.
- Purge drain on retention tank until water runs clear.
- Drain and flush tank if heavy deposits are observed. Be sure to allow air into the tank while draining and release the air while the tank is filling.
- Manually operate filter and softener controllers through their cycles. Service the controller if any difficulties are observed.
- Inspect system for leaks.
- Measure chlorine residual at spigot near system outlet. Any residual detected means chlorine has passed through filter. Replace the filter media.

- Check well pump for leaks and unusual sounds. Repair promptly.
- Analyze treated water to monitor system efficiency.

Annually

- Empty and clean salt and chlorine tanks.
- Inspect chlorine pump and system. Clean as required. Replace worn parts as needed.
- Disassemble and clean softener brine screen, brine valve and injector. See manual for details.
- Disassemble and clean valve assemblies in the filter and the softener. Replace filter seal kit as a preventive measure. Replace worn parts as needed. See manual for details.
- Drain and check air pressure in the pressure tank. Adjust to 2 p.s.i. below pump cut-on pressure, or as recommended by manufacturer.
- Analyze source water and note changes in quality.

SEE DIAGRAM ON BACK

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