

# Operation & Maintenance

## Well Water Treatment System

### Discount Water Supply Inc.

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This is only a general guide for most 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 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

### NOTES

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