**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 purposes 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 gallon 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.
* Inspect system for leaks.
* Measure chlorine residual at spigot near system outlet. It should be zero. .
* 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

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