



Certified to
NSF/ANSI Standard 46



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Chlorination Station

**Liquid Chlorine
Injection System for
Wastewater Disinfection**

Owner's Manual



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Limited Warranty

Manufacturer warrants the parts in each Chlorine Injector/Disinfection Device to be free from defects in materials and workmanship for a period of two years from date of installation to end user. Some states do not allow time limitations on implied warranties, so the above limitations may not apply. Sole obligation under this warranty is as follows: Manufacturer shall replace components F.O.B. factory if components are deemed faulty by the manufacturer, provided said components have been paid for and are returned through an authorized dealer, freight prepaid. Warrantee shall include Serial #, Installation Date and specify nature of the defect in writing to the manufacturer.

This warranty does not cover components, which have become contaminated due to improper installation procedures or obvious alterations or abuse.

This warranty applies only to the Chlorine Injector/Disinfection Device. No warranty is implied to cover any other components (ie. plumbing, treatment unit, wiring, irrigation disposal system etc.). Manufacturer is not responsible for any delays or damages caused by faulty components or materials, or for loss incurred because of interruption of service, or for any special or consequential damages or incidental expenses arising from the manufacturing, assembly, sale, or use of this device.

Manufacturer reserves the right to, revise, change, or modify the construction and design of the device or any component thereof without incurring any obligation to make such changes or modifications to previously sold devices. Manufacturer reserves the right, in making replacement component parts under this warranty, to furnish a component part, which in its judgment, is equivalent to the part to be replaced.

RETURN THIS PAGE TO MANUFACTURER FOR WARRANTY REGISTRATION

Chlorination Station
1514 Dodge Lane
Wallis, Texas 77485

MANUFACTURER COPY:

Installer Name: _____

Installer Phone No. _____

Date Installed: ____/____/____

Owner Name: _____

Address: _____

City: _____ State: _____ Zip : _____

Serial No.: _____

****NEVER USE GEL TYPE BLEACHES ****

For weekend or vacation homes or after extended periods of “non-use”, the Homeowner should pour approximately ¼ gallon of bleach into the “Storage/Pump Tank”. This will help to disinfect any residual bacteria, which may have accumulated during the period of “non-use”.

EPA Guidelines state a minimum of 15 minutes contact time is required at 0.5 ppm chlorine residual to achieve satisfactory reduction in bacteria levels. Longer contact time, approximately 30 minutes between secondary treated wastewater and stored “Chlorinated” water in pump tank is recommended to further ensure disinfection before discharging the effluent.

A minimum pump tank size of 300 gallons should be utilized for proper operation.

Warranty Registration

OWNER COPY:

Installer Name: _____

Installer Phone No. _____

Date Installed: ____/____/____

Owner Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Serial No.: _____

**Chlorination Station
Owners Manual
Model 200-1500 GPD**

Thank you for purchasing a Chlorination Station liquid chlorine injector. It is “*Simply The Best*” Liquid Chlorine Injector/Disinfecting Device for secondary treated wastewater available on the market.

This is the **ONLY** chlorination device available on the market, which has been tested for wastewater “Disinfection” and has been proven to exceed all requirements of NSF Standard 46 for Chlorine “Disinfection” devices.

****ALWAYS USE CAUTION WHEN
SERVICING OR FILLING****

How this Unit functions:

When the spray pump is activated a portion of the effluent being discharged to the disposal area is diverted through a venturi type assembly and returned to the pump tank. The siphon action created by the venturi pulls liquid chlorine thru the vinyl tubing, which terminates in the chlorine storage reservoir (typically a PVC pipe) where an orifice is located on the end of the tubing. The orifice controls the amount of chlorine flowing into the venturi and the discharged stream of effluent being returned back into the pump tank. The orifice has been sized to allow adequate amounts of chlorine to be injected into the secondary treated effluent, which has been discharged from any treatment device or unit that meets **NSF Standard 40** requirements. The consumption of chlorine is determined by the length of time the spray/discharge pump runs.

Chlorinator Components



Operating Instructions

When installed and Maintained as designed, this Device should exceed all **NSF Standard 46** requirements for Chlorine Disinfection of secondary treated wastewater effluent. The Chlorine Injector/Disinfection device will typically use between One (1) and Three (3) gallons of liquid bleach per month for a typical residence (actual usage varies with daily water usage from establishment).

At a minimum, **twice monthly**, the Homeowner should check the liquid chlorine level in the storage reservoir. If the chlorine level has not changed from the previous inspection, please refer to data/service plate on the reservoir top and notify your service provider of a possible malfunction.

It is the Maintenance Providers responsibility to ensure the device is operating properly during the routine maintenance visit (approximately every 4-6 months depending on maintenance schedules required by Regulatory Agencies) as well as to check for chlorine residual at time of visit.

If a failure occurs, the Maintenance provider should refer to the "Diagnostic and Repair" page on our web site www.liquidchlorination.com or in the Installation Manual.

Homeowner should replenish contents in reservoir as needed, using 6.00 – 8.00% Sodium Hypochlorite (Household Bleach). Full or Maximum operating level in the reservoir should be at or slightly below where the 1/4" vinyl tubing and check valve attaches to the top barb fitting on the venturi.

****NEVER USE GEL TYPE BLEACHES****