




Clean the Point of Injection – BDF


Entire document: 4 pages


THIS DOCUMENT CONTAINS GENERAL INSTRUCTION FOR SERVICING STENNER PRODUCTS. PLEASE BE SURE TO READ ALL SAFETY INFORMATION.


 **NOTICE:** Indicates special instructions or general mandatory action.

 **NOTICE:** Read all safety hazards before installing or servicing the pump. The pump is designed for installation and service by properly trained personnel.

 **NOTICE:** Use all required personal protective equipment when working on or near a chemical metering pump.


 **NOTICE:** Install the pump so that it is in compliance with all national and local plumbing and electrical codes.


 **NOTICE:** Use the proper product to treat potable water systems, use only chemicals listed or approved for use.


 **NOTICE:** Install the pump to work in conjunction with pool, spa, well pump, or system controls.





Safety Information – BDF

 **WARNING** Warns about hazards that CAN cause death, serious personal injury, or property damage if ignored.


 **ELECTRIC SHOCK HAZARD**


 **WARNING** **ELECTRIC SHOCK HAZARD:**
Pump supplied with grounding power cord and attached plug. To reduce risk of electrical shock, connect only to a properly grounded, grounding type receptacle. Install only on a circuit protected by a ground-fault circuit interrupter (GFCI).


 **AVERTISSEMENT** **RISQUE DE CHOC ELECTRIQUE:**
Cette pompe est équipée d'une fiche de mise à terre. Pour réduire le risque de choc électrique, s'assurer que la fiche est bien raccordée à une prise de courant avec une connexion de mise à terre. Installer seulement sur un circuit protéger par un interrupteur protéger par une mise à la terre.


 **DO NOT** alter the power cord or plug end.


 **DO NOT** use receptacle adapters.


 **DO NOT** use pump with a damaged or altered power cord or plug. Contact the factory or an authorized service facility for repair.


 **WARNING** **RISK OF CHEMICAL EXPOSURE:**
Potential for chemical burns, fire, explosion, personal injury, or property damage. To reduce risk of exposure, the use of proper personal protective equipment is mandatory.


 **WARNING** **RISK OF FIRE HAZARD:**
DO NOT install or operate on any flammable surface.


 **WARNING** **HAZARDOUS VOLTAGE:**
DISCONNECT power cord before removing motor cover for service. **Electrical service by trained personnel only.**


 **WARNING** **EXPLOSION HAZARD:**
This pump is not explosion proof. **DO NOT** install or operate in an explosive environment.


 Pump is equipped with a safety interlock switch. This switch ensures that all supply voltage is disconnected from the timer board in the event the cover is removed prior to unplugging the power cord. **DO NOT** tamper with or alter this switch in any way. Failure to follow this warning will void the warranty and can lead to personal injury or property damage.


 **Electrical service by trained personnel only.** Pump **IS NOT** user serviceable in regards to electrical components. Contact the factory or an authorized service facility for repair.


 **NOTICE:** Indicates special instructions or general mandatory action.

 **NOTICE:** This metering pump is portable and designed to be removable from the plumbing system without damage to the connections.

 **NOTICE:** This metering pump and its components have been tested for use with the following chemicals: Sodium Hypochlorite (10-15%), Muriatic Acid (20-22% Baume, 31.5% Hcl), and Soda Ash.

 **NOTE:** Cette a pompe de dosage et ses composants ont été testés pour utilisation avec les produits chimiques suivants; Hypochlorite de Sodium (solution de 10-15%); Acide Muriatique (20-22% Baume, 31.5% Hcl); Cendre de Soude.

 This is the safety alert symbol. When displayed in this manual or on the equipment, look for one of the following signal words alerting you to the potential for personal injury or property damage.

 Electrical installation should adhere to all national and local codes. Consult a licensed professional for assistance with proper electrical installation.

 **PUMP INTENDED FOR INDOOR USE.**

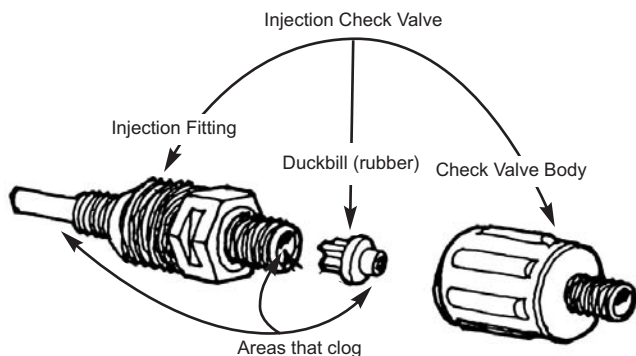
 Cette pompe est prévue pour utilisation à l'intérieur.



Safety Information – Clean the Point of Injection

NOTICE: Indicates special instructions or general mandatory action.

NOTICE: 0-25 psi models are installed using an injection fitting and 26-100 psi models use an injection check valve. Both allow the extension tip to be installed in the center of the pipe directly in the flow of water to help reduce deposit accumulation.



WARNING Warns about hazards that CAN cause death, serious personal injury, or property damage if ignored.

This is the safety alert symbol. When displayed in this manual or on the equipment, look for one of the following signal words alerting you to the potential for personal injury or property damage.

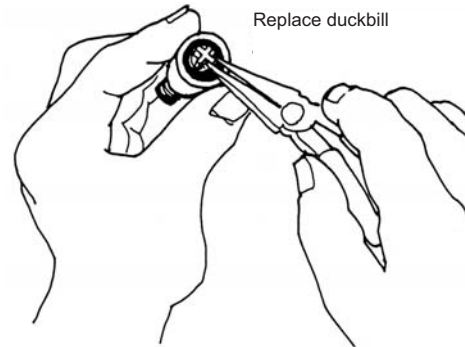
WARNING HAZARDOUS PRESSURE/CHEMICAL EXPOSURE:

- Use caution and bleed off all resident system pressure prior to attempting service or installation.
- Use caution when disconnecting discharge tubing from pump. Discharge may be under pressure. Tubing may contain chemical.
- To reduce risk of exposure, the use of proper personal protective equipment is mandatory when working on or near chemical metering pumps.



Clean the Point of Injection – BDF

1. Turn metering pump off and unplug cord. Disable water pump or auxiliary equipment electrical supply.
2. Depressurize system and bleed pressure from pump discharge tubing.
3. Loosen and remove connecting nut and ferrule from the injection check valve or injection fitting to disconnect discharge tubing.



26-100 psi models:

- Unscrew the top fitting (check valve body) to disassemble. The bottom fitting (injection fitting with arrow) should remain attached to the pipe.
- Remove duckbill from check valve body and replace if deteriorated or swollen (yearly replacement recommended). If clogged, clean or replace.
- Examine O-ring in the injection fitting and replace if deteriorated or damaged.

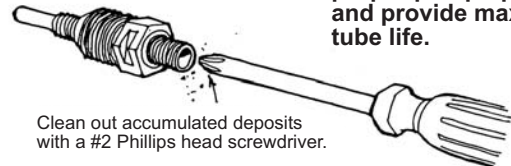


NOTE

Additional information:

Periodic inspection and cleaning of the point of injection will maintain proper pump operation and provide maximum tube life.

4. Insert a #2 Phillips head screwdriver through injection fitting into the pipe to locate or break up accumulated deposits. If screwdriver cannot be inserted, drill the deposit out of the injection fitting. (**DO NOT** drill through the opposite pipe wall.)
5. Replace discharge tubing if cracked or deteriorated. If the end is clogged, cut off the calcified or blocked section of tubing.



0-25 psi models:

Replace ferrule and reinstall the discharge tubing to the injection fitting approximately 3/4" - 1" until it stops.

26-100 psi models:

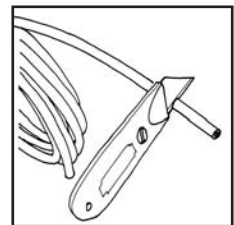
- Reassemble the injection check valve in reverse order.
- Replace ferrule and reinstall the discharge tubing to the injection check valve approximately 3/4" until it stops.



BEST PRACTICE

Factory recommended:

Cut off the calcified or blocked section.



6. Tighten the connection nut finger tight.
7. Enable the water pump electrical supply and pressurize the water system.
8. Put the metering pump back in service and inspect all connections for leaks.

