



**Read all information before proceeding with installation.**

**WARNING:** This feeder is designed to use only Trichlor-s-triazinetrione OR Bromine tablets- slow dissolving type. UNDER NO CIRCUMSTANCES MIX Trichlor or Bromine with Calcium Hydrochlorite, with other forms of Concentrated chlorine or with other chemicals. FIRE AND/OR EXPLOSION MAY RESULT.

**WARNING:** NEVER use oils or grease to lubricate o-ring. Oil in contact with Trichlor OR Bromine may result in FIRE. Lubricate o-ring with approved silicone o-ring lubricant only. If you are not the original owner of this feeder, or not sure which chemical was used, be SAFE and flush thoroughly with fresh water. CAUTION SHOULD BE USED.

**CAUTION:** WHEN REMOVING CAP DO NOT INHALE FUMES. If your pool or spa has copper plumbing do not install. This will damage the feeder.

**NOTE:** If heaters are used, a Fireman's Switch or equivalent must be installed to prevent possible damage and improper operation of Check Valve and other equipment subject to heat damage. DO NOT INSTALL BELOW WATER LEVEL. This product is designed to be installed above the water line.

**NOTE:** Installation of the optional check valve (shown to the right) will prevent the back-flow of corrosive liquids and gases that can damage equipment containing metallic parts.

**SAFETY CAUTION:** Most pool plumbing is not airtight. The mixture of air and chlorine is highly corrosive to metals. This is not a concern when the circulating system is running, however it is important to protect these items from corrosion when the system is turned off. Even without a chemical feeder metal corrosion or erosion can still occur. This could be due to excessively high water velocity, water pH less than 7.2, or a total water alkalinity less than 100 PPM.

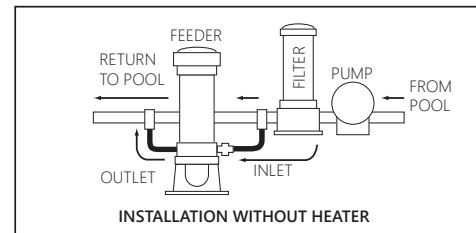
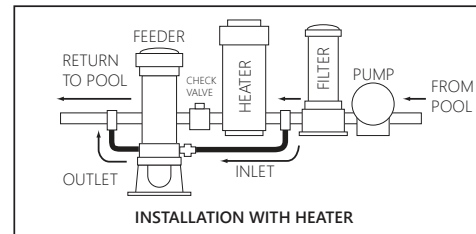
If your pool or spa has any of the following special equipment, special procedures must be followed for safe operation with the feeder:

- Brass or bronze gate, rotary, or backwash valves
- Plastic gate, rotary, or backwash valves with metallic shafts
- Filters, heaters, heat exchanges or other items with metallic parts

If your pool has a permanent built-in cleaning system, damage could occur to that system if materials are not compatible with low pH Tri-Chlor feeders. Check with the cleaner manufacturer for compatibility.

**INSTALLATION LOCATION**

- The outlet line must always be installed after the heater, pool cleaner, valves, etc.
- Heaters and other equipment may be damaged by highly chlorinated water. If the pool has a heater, install the line to the feeder between the filter and heater. If there is no heater then install the feeder after the filter and all other equipment
- Install the feeder in an upright position.
- Install feeder as far from metal components as possible as fumes can cause corrosion.



**PLUMBING INSTALLATION**

1. Turn off the pump and timer switches.
2. Position the feeder close to the filter and cut tubing to desired lengths being careful to cut the ends straight.
3. FLEX TUBE INSTALLATION: Attach the inlet line to the feeder by pushing the black compression nut over tubing and then push tubing onto the tapered end of the inlet. Tighten the nut firmly by hand.
4. HARD PIPE INSTALLATION: Use the white nut and 1/2" schedule 40 PVC pipe.
5. Refer to the drawing on the next page to attach the outlet line to the feeder. DO NOT over-tighten - this may cause damage to the threads.
6. Push the compression nut over the end of the tubing then push tubing onto tapered end of the outlet. Tighten the nut firmly by hand.
7. Install the inlet line in the plumbing (line going TO feeder). Drill 3/4" hole in plumbing and remove any burrs. Install the clamp assembly (refer to drawing on next page).
8. Attach the inlet line to the clamp assembly by pushing the compression nut over tube end then push tube onto the tapered end of the tube fitting. Tighten nut by hand.
9. Install the outlet line in the plumbing (line FROM feeder) following steps 7-8. Note: Be sure this hole is after the heater, filter, valves, etc.

## START-UP INSTRUCTIONS

1. Fill the feeder with water and bleed out any entrapped air in the lines. Before start-up the pool water should be balanced to required standards and the chlorine residual should be 1 to 3 ppm.
2. Remove cap of feeder and fill with proper size tablets. (For pools: 1" or 3" diameter tablets. For spas: 1" tablets)
3. Replace cap making sure o-ring is clean, lubricated, and in place.
4. Turn on pump and timer switches for a minimum of 6 to 8 hours.
5. Adjust the control valve according to the size of the pool/spa. Use a test kit to determine the chemical residual. Check the chemical residual daily for the first five days and adjust as needed to maintain a proper residual. Note: Hot weather, high water and increased use will create a higher chemical demand. Increase the feed rate a few days in advance when possible.
6. If the feeder does not provide enough chemical residual when using 3" tablets, switch to 1" tablets. Smaller tablets erode faster producing more residual.
7. Use of a secondary DEL Advanced Sanitizer (Ozone, AOP, UV-C) will reduce feed rate required to maintain a 1 to 3 ppm chlorine residual.

## OPERATION INSTRUCTIONS

1. Turn control valve to the closed position. SHUT OFF PUMP.
2. Wait one minute allowing the water and fumes to drain from the feeder.
3. Leave the control valve closed and turn on the pump. (The check valve will prevent water from entering the feeder)
4. Remove cap and fill with tablets.
5. Replace cap making sure o-ring is clean, lubricated, and in place. (Hand tighten only).
6. Open control valve to original setting. Inspect the inlet line below the control valve each time the feeder is refilled. Replace the lines yearly if needed.

## WATER BALANCE

In accordance with APSP standards, we recommend these water balance conditions be maintained to protect the pool and ensure a pleasing appearance of the water. CMP Sanitizer Systems are guaranteed and warranted to operate properly only if these conditions are met.

MEASUREMENT	RECOMMENDED LEVEL
FREE CHLORINE	1.0 - 3.0 PPM
pH	7.2 - 7.6
TOTAL ALKALINITY (TA)	80 - 100 PPM
CYA / STABILIZER	30 - 50 PPM
CALCIUM HARDNESS	200 - 400 PPM
PHOSPHATES	ZERO

## REPLACEMENT PARTS

REF	CMP P/N	DESCRIPTION
1	25280-100-005	GRATE
2	25280-000-920	CHECK VALVE ASSY
3	25280-300-970	BASE ASSY
4	25280-300-980	OFF-LINE HOSE CLAMP ASSY
5	25280-100-001	COVER NUT
5-6	25280-109-200	CLEAR GLASS COVER ASSY
5-6	25280-100-200	WHITE COVER ASSY
5-6	25280-109-002	CLEAR PLASTIC COVER ASSY
7	26101-060-530	O-RING, COVER
8	25280-100-955	FLOW INDICATOR ASSY
9	25280-100-019	NUT
10	26100-100-330	O-RING, DIAL
11	25280-100-916	DIAL
12	27233-101-328	HOSE
13	25280-300-960	UNION ASSEMBLY
—	21023-030-000	UNION GASKET
14	25376-900-500	DRAIN PLUG W/ O-RING
—	25280-150-900	1.5" OFF-LINE CLAMP KIT
—	25280-200-900	2" OFF-LINE CLAMP KIT
—	25280-250-900	2.5" OFF-LINE CLAMP KIT
—	25280-300-900	3" OFF-LINE CLAMP KIT
—	25280-300-909	HOSE TAP FOR CLAMP
—	25280-901-406	GASKET FOR CLAMP

