



# TON CONTAINER ADAPTER INSTRUCTIONS

**\*Note:** Ton Container Adapters handle pressurized chlorine gas. Please follow all instructions carefully and operate with extreme care.

*Refer to the labeled photo on page 2.*

## Installation & Startup:

- 1) Plug in the drip leg heater (provided) and attach to the bottom of the drip leg. Allow the heater to warm the drip leg for 10+ minutes prior to installation.
- 2) Using new lead gaskets, carefully align the ton container adapter inlet to the ton container valve and tighten the yoke screw, crushing the lead gasket.
- 3) Using a new lead gasket, carefully align the vacuum regulator inlet to the ton adapter valve and tighten the yoke screw, crushing the lead gasket.
- 4) Open the ton adapter valve ½ turn. This is fully open (no need to open further).

**NOTE:** When commissioning a new ton container, opening the container valve for the first time will release a slug of liquid chlorine, which will be trapped in the heated drip leg where it will thereafter be slowly evaporated as gas is drawn into the system. Do not allow excess vacuum to exist in the feed system when first opening a ton container valve, as this could allow liquid chlorine to enter the vacuum regulator.

- 5) Open the ton container valve ¼ turn then close immediately. This will pressurize the adapter. Check for leaks using ammonia fumes. If no leaks are found, open the ton container valve ½ turn. The vacuum feed system can now be operated normally.

## Evacuation & Removal:

- 1) Firmly close the ton container valve while the vacuum feed system is in operation.

**NOTE:** The ton adapter valve and also any rate control valve(s) on the vacuum regulator or in the vacuum feed system *must be open* at this time.

- 2) Allow the feed system to operate and observe the vacuum regulator indicator pin. When the indicator pin retracts into the body of the vacuum regulator (roughly 1/8"), the ton container adapter is evacuated of pressure and can be removed.

**WARNING:** While the vacuum regulator indicator pin remains flush with the face of the vacuum regulator, pressure remains inside the ton container adapter.

