

**INSTALLATION INSTRUCTIONS ST AUTOMATIC BOILER COMPOUND FEEDER
WITH PERISTALTIC PUMP**

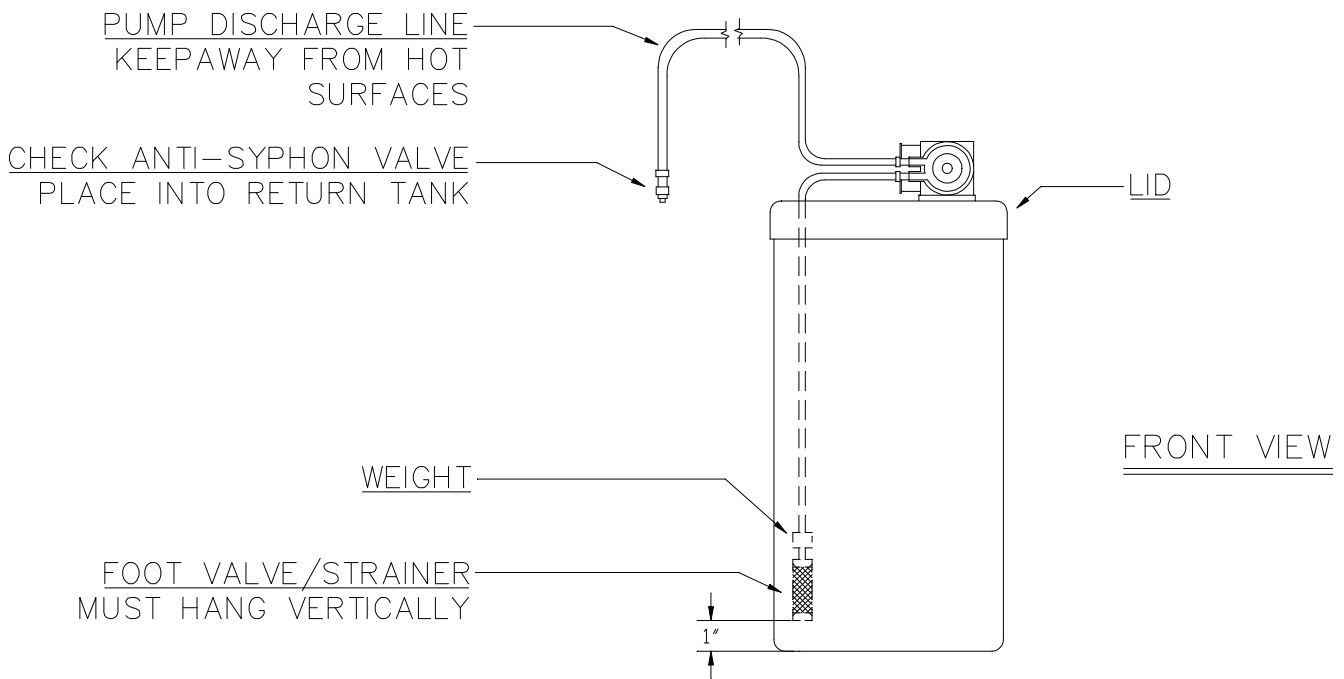
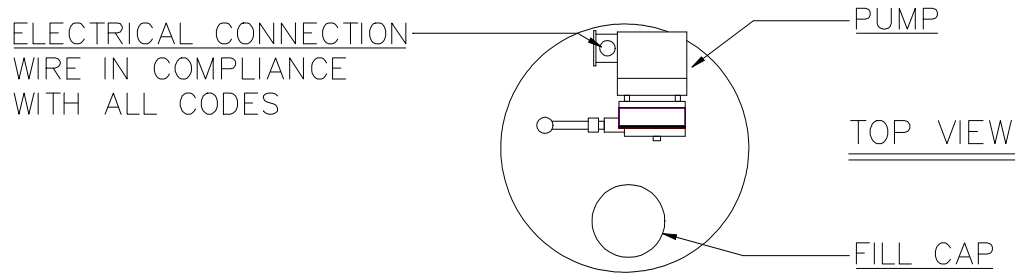
INSTALLATION INSTRUCTIONS: (See Instruction Drawing No. K-125-ST-P)

1. Open carton and remove tank. Remove box containing pump from inside tank.
2. Mount the Chem-Feed Pump in an upright position on the lid of the tank in the holes provided. Use the nuts, bolts and washers provided. Push pump to left to lock in keyhole slots.
3. Locate tank with pump in a convenient location to Condensate Return Tank and with easy access to Fill Cap in Lid of Tank. Keep ventilation openings in rear of pump clear.
4. Wire Chem-Feed Pump Motor as shown on Drawing No. ELECTRICAL K-125-P or as shown on the boiler wiring diagram, and in compliance with all local Codes.
 - A. The electrical on the compound pump motor must correspond to the service electrical used. Note the motor is only 50 watts and is furnished standard for 115 volt, 60 Hz, 1 Phase only.
 - B. Electrical should be properly grounded and in compliance with the local electrical code.
 - C. A manual off/on switch is desirable so the pump can be shut off individually.
 - D. The Chem-Feed Pump is designed to run continuously when powered and should turn on and off with boiler feed pump.
5. Each Pump is furnished with (2) Pump tube Assemblies. One of these must be installed in the pump by turning off the electrical power to the Chem-Feed motor and following the instructions on the tube threading Instruction Sheet.
6. To connect suction line: (use clear vinyl tubing provided) - See schematic on piping.
 - A. Slip cylindrical weight over one end of tubing. Slip nut from Foot Valve (Strainer) over same end of clear tubing. Insert foot valve and tighten nut, hand tight only.
 - B. Lower Foot Valve to within one inch above the bottom of tank and feed tubing through hole in lid. With lid on tank and Foot Valve one inch from bottom, measure length to bottom pump fitting. Foot Valve must hang vertically.
 - C. Cut the tubing squarely and slip pump section fitting nut over the end of the tubing.
 - D. Slip the plastic tubing over the lower fitting of pump all the way on. Tighten nut, hand tight only. **DO NOT USE WRENCH OR PLIERS ON TUBE NUTS OR ADAPTERS AS THIS MAY CAUSE DAMAGE AND VOID WARRANTY.**
7. To connect pump discharge: (use remaining clear vinyl tubing) - See schematic on piping.
 - A. Slip nut from Check Anti-Siphon Valve over one end of tubing. Insert Check Anti-Siphon Valve and tighten nut hand tight only.
 - B. Slip pump discharge fitting nut over other end of tubing and slip tubing over upper fitting of pump all the way on. Tighten nut, hand tight only.
8. Place the pump discharge tubing and check anti-siphon valve into the return tank through the cap into the well. Keep the compound tank and tubing away from direct contact with the boiler as high temperature may damage same.
9. When starting the pump for the first time, priming is not normally necessary.
10. Check all fittings for tightness to be sure there are no leaks and the unit is pumping properly before putting in the boiler compound.

INSTALLATION INSTRUCTION DRAWING K-125-ST-P
AUTOMATIC BOILER COMPOUND FEEDER WITH PERISTALTIC PUMP

ADDING COMPOUND:

1. ADD THE REQUIRED AMOUNT OF COMPOUND AND OXYGEN SCAVENGER SOLUTION TO TANK.
2. FILL TO NEAR TOP OF TANK WITH SOFT WATER.
3. STIR SOLUTION THOROUGHLY AT START OF EACH SHIFT.
4. KEEP LID AND FILL COVER ON AT ALL TIMES.
5. REFER TO OPERATING INSTRUCTIONS K-125-P FOR ADDITIONAL INFORMATION.



K125STP.DWG

USED ON STEAM BOILERS		PART NAME ST-MODEL COMPOUND FEEDER	
FOR AUTOMATIC BOILER COMPOUND FEEDER WITH PERISTALTIC PUMP			
DR.	DATE 7B	PARKER BOILER CO. 5930 BANDINI BLVD. LOS ANGELES, CA 90040	SCALE NONE
CH.			SUPERCEDES NO.
APPROVED			DWG. NO. K-125-ST-P