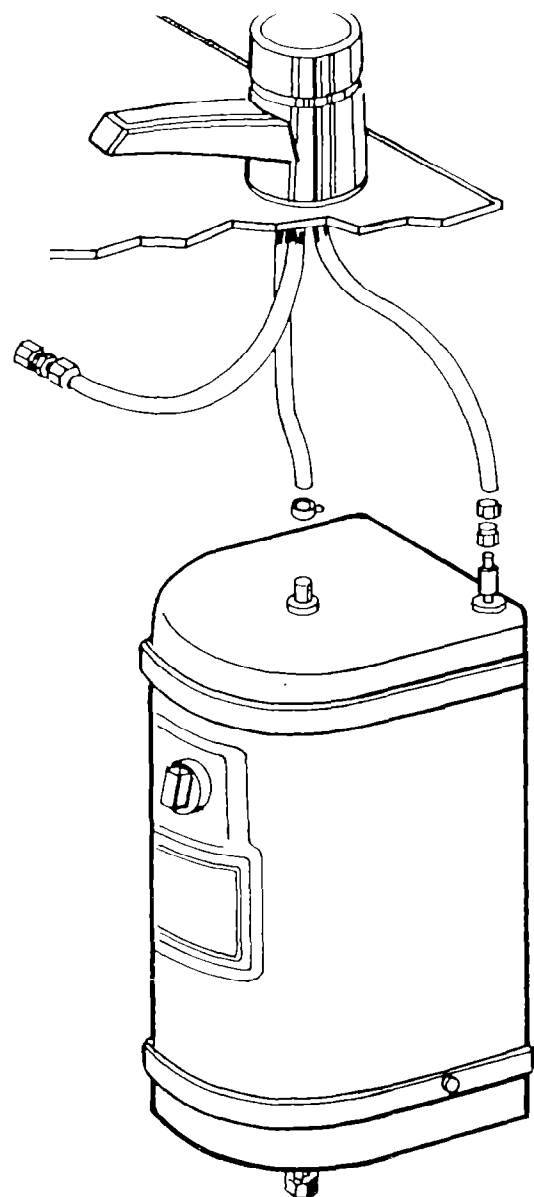
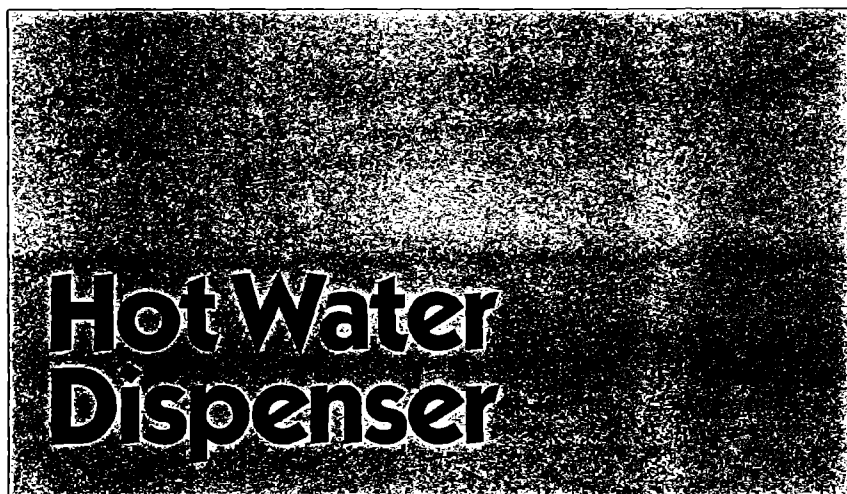


# Installation Instructions

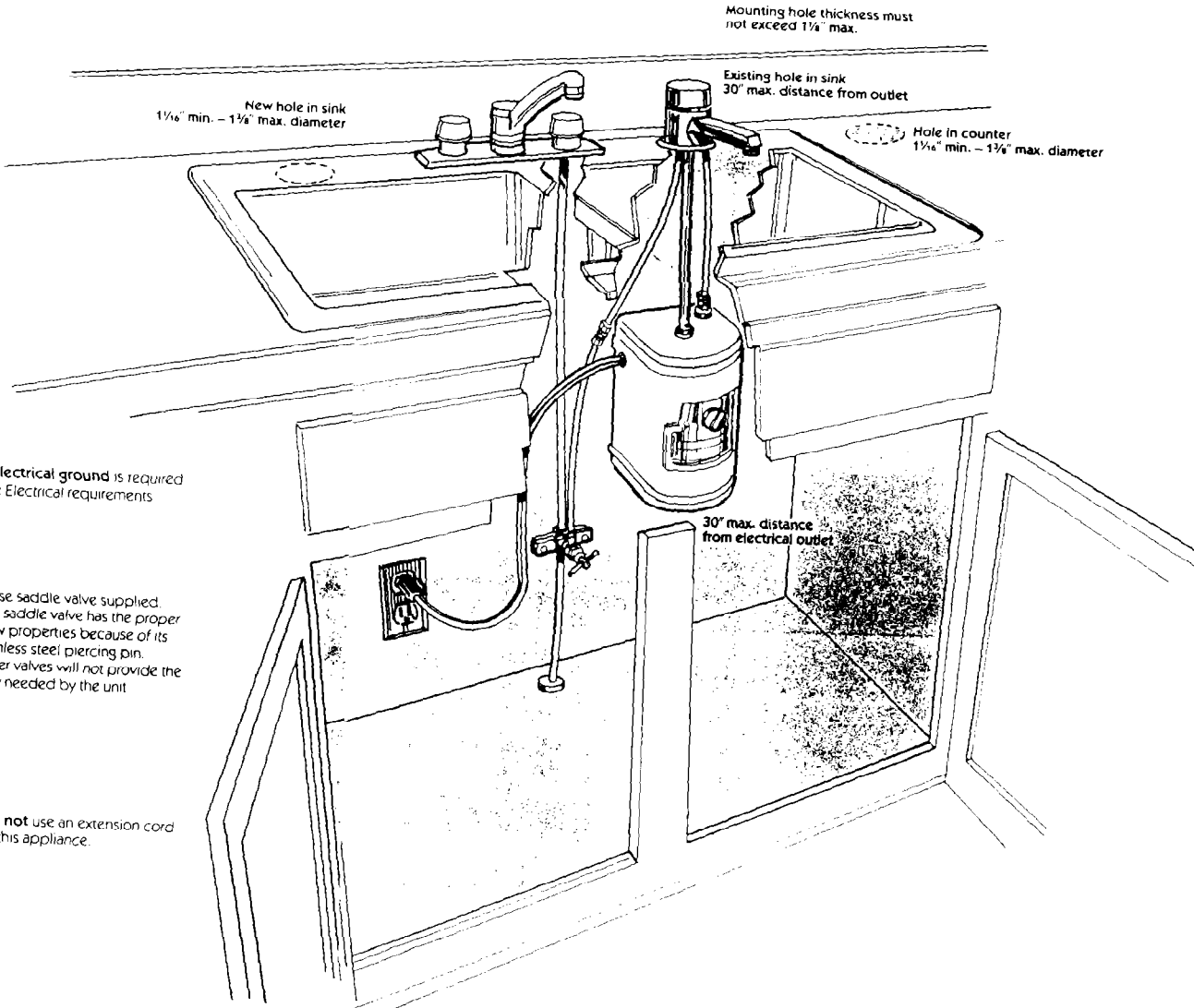


**P**roper installation is your responsibility. Make sure you have everything necessary for correct installation.

**W**ater connections use compression fittings which do not require sealing compounds to keep them from leaking.

**D**etermine where you will install your hot water dispenser. The spout can be mounted in either an existing sink hole (such as the spray hose opening) or a  $1\frac{1}{8}$ " to  $1\frac{3}{4}$ " diameter hole cut at a convenient location in the sink or counter. The thickness of the sink or countertop hole must not exceed  $1\frac{1}{8}$ " maximum. Location of hole should provide for easy access for connections to tank. The wall receptacle should be no further than 30" from the dispenser.

**T**his hot water dispenser is not a water purifier. Some installations may require a filter (such as charcoal) for increased satisfaction.



**E**lectrical ground is required. See Electrical requirements.

**U**se saddle valve supplied. The saddle valve has the proper flow properties because of its stainless steel piercing pin. Other valves will not provide the flow needed by the unit.

**D**o not use an extension cord with this appliance.

**C**old water supply should be used. Note: Connection to a hot water line is not recommended. Energy will be wasted by heating the water twice and the magnesium rod used in household heating may produce a "rotten egg" taste. If this unit is replacing a dispenser connected to a hot water supply, the existing connection may be used.

### Caution:

Plumbing connections must comply with all sanitary, safety and plumbing codes.

### Caution:

Dispenser must be filled with water and the thermostat turned to the "OFF" position before electrical power is connected, or permanent damage to the unit will result. Damage to unit caused by "dry start" is not covered by the Warranty.

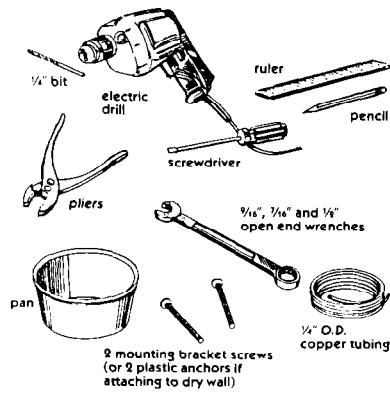
### Warning:

To avoid the risk of electrical shock, the electric drill must be properly grounded.

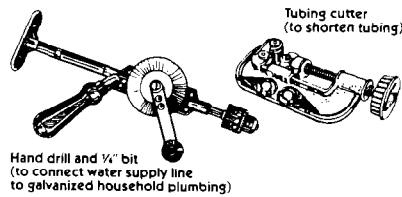
### Caution:

Do not use pipe sealing compounds. They may get inside the dispenser and cause an unpleasant taste and smell.

## Tools and parts needed for installation:

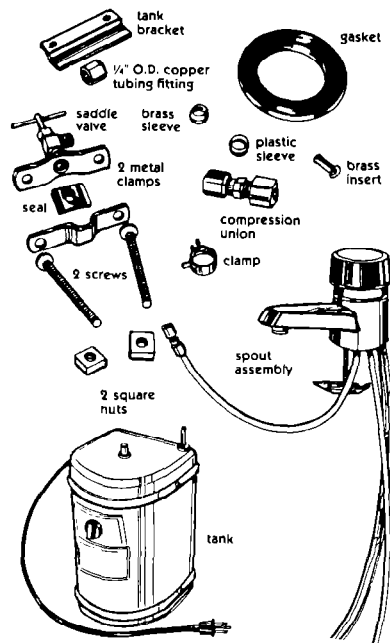


## Optional tools (needed for some installations).



## Parts

Make sure you have all the parts necessary for installation



## Electrical requirements

**DO NOT, UNDER ANY CIRCUMSTANCES, REMOVE THE POWER SUPPLY CORD GROUNDING PRONG.**

For your personal safety, this appliance must be grounded. This appliance is equipped with a power supply cord having a 3-prong grounding plug. To minimize possible shock hazard, the cord must be plugged into a mating 3-prong grounding type wall receptacle. A 15 or 20 Amp circuit is acceptable if a mating wall receptacle is not available, it is the personal responsibility and obligation of the customer to have a properly grounded 3-prong wall receptacle installed by a qualified electrician.

**WARNING: AN EXTENSION CORD SHOULD NOT BE USED WITH THIS APPLIANCE. SUCH USE MAY RESULT IN A FIRE, ELECTRICAL SHOCK, OR OTHER PERSONAL INJURY.**

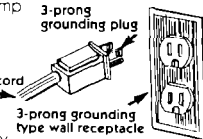
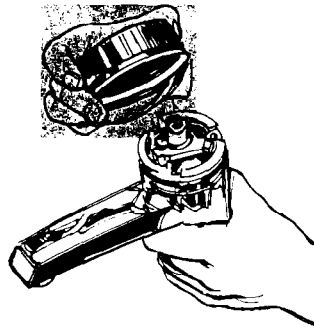


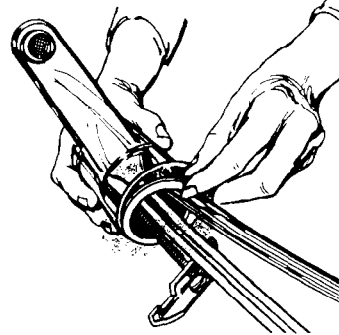
Figure 1

## Now start...

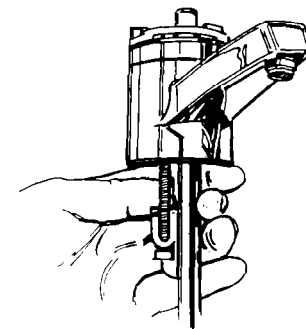
**1** Determine where you will install your hot water dispenser. Cut a hole in sink or counter, or knock out plug in hole in sink.



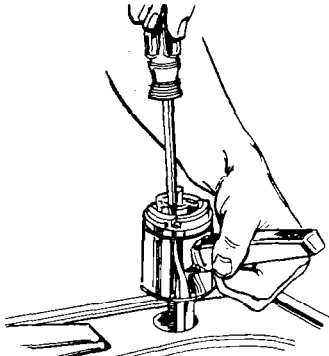
**2** Remove masking tape and tag from water spout assembly. **Do Not remove green tape from tank tube.** Carefully pull cap off the spout assembly and set cap to one side.



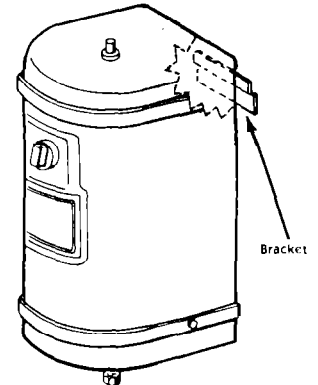
**3** Lay spout assembly on flat surface with the coiled tubing facing up. With one hand holding the tubes just below the spout, carefully straighten the tubes with other hand. Slide gasket over tubes so that lip side of gasket is seated into base of spout.



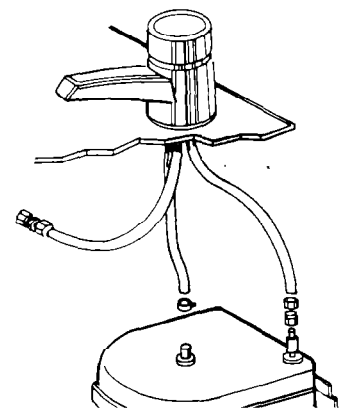
**4** Loosen the square nut until it is flush with the end of the mounting screw. Tip the spout bracket against the mounting screw. (Bracket will form a "Y" when in the correct position.) Hold the nut, bracket, gasket and tubing in position and insert into hole in sink or counter.



**5** Pull up on the spout body to keep tension on the spout mounting bracket and nut. Tighten the screw until the spout is securely in position. **Do not overtighten.** Snap on spout cap.



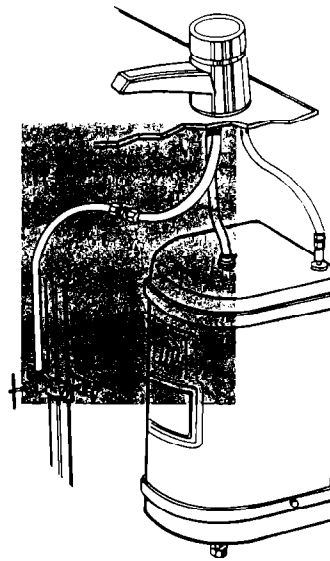
**6** Position tank vertically beneath spout so that the clear tube from the spout reaches the center copper tube on the tank and tank touches wall. With a pencil, mark the wall at the top of tank. Set tank to one side. Mark a second line 2 1/4" below the other line. Install bracket with bottom of bracket even with the second line. Hang tank on bracket.



**Do not lengthen, twist or tightly bend the tubes.**

**Do not remove green tape.**

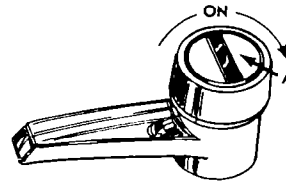
**7** Connect the longer, 1/4" copper tube from the spout to the back tube on the top of the tank (both tubes are marked with green tape), using the compression union. Spout tube may be shortened if necessary.



**13**

Connect the supply line from the saddle valve to the shorter spout tube.

**Do not remove the internal steel filter screen from compression fitting, except to clean screen. Screen must be put back on after cleaning for proper performance.**



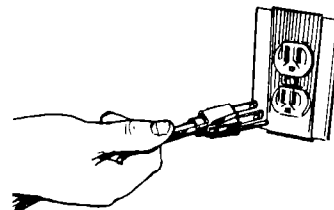
**14**

Open saddle valve. Turn spout valve clockwise to "OPEN" position. Hold spout valve open to fill tank (about one minute). When tank is full, water will flow from spout. Turn spout to "CLOSED" position. Check for leaks.

**15**

Turn thermostat knob counter-clockwise to "OFF" position. Thermostat knob controls the tank heater, not the water delivery.

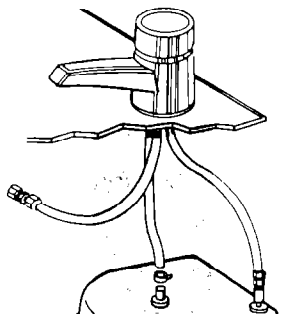
**CAUTION:** Fill tank with water and turn thermostat to "OFF" position before plugging hot water dispenser into power supply. If tank is empty and thermostat is in an "ON" position when the power cord is connected, the heater will overheat causing an unpleasant taste, black specks in the water, and permanent damage to the heater seals.



**16**

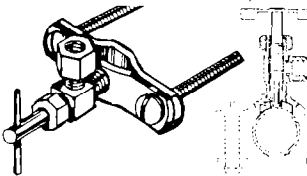
Plug power supply cord into a properly grounded wall outlet. Turn thermostat knob clockwise to the highest position. Maximum temperature will be reached in about 15 minutes and dispenser will be ready for use. Lower the temperature setting if you notice vapor or a boiling noise. To raise or lower the water temperature, rotate the thermostat knob.

**Keep installation instructions for future reference. The instructions will make it simple to reinstall your hot water dispenser.**



**8**

Connect the clear tube from the spout to the middle tank tube using the clamp. Clear tube may be shortened if necessary.



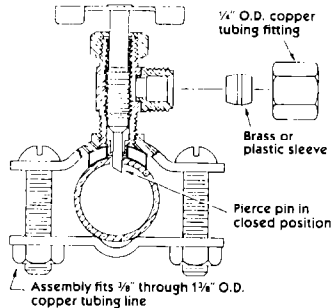
**9**

Screw saddle valve into top of clamp. Valve outlet should face to side and piercing pin should be fully retracted. Put seal on the saddle valve and position assembly on copper, cold water supply line. The saddle valve can be used with 3/4" to 1 1/4" O.D. copper tubing line.

If water supply line is not copper, shut off water supply and drain line. Using a hand drill, drill a 7/8" hole for the piercing pin to center on.

**NOTE:** If an electric drill must be used, BE SURE THE DRILL IS GROUNDED. Fasten a separate grounding wire to a ground that complies with local electrical codes. (If in doubt, consult a licensed electrician.) **IMPROPER GROUNDING MAY RESULT IN SEVERE OR LETHAL SHOCK.**

Align bottom clamp holes with holes in top of clamp. Insert clamp screws. Attach one square nut to the end of each clamp screw. Tighten nuts.



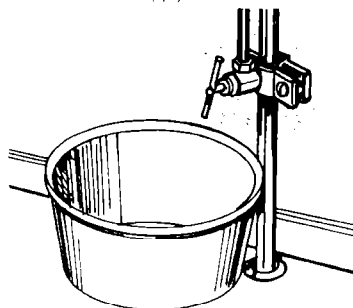
**10**

Slide brass sleeve into copper tubing fitting (use plastic sleeve if water supply line is not copper) and attach fitting to saddle valve outlet. Connect 3/4" O.D. copper tubing (not supplied) to tubing fitting.

**Do not seal the pipe with sealing compounds.**

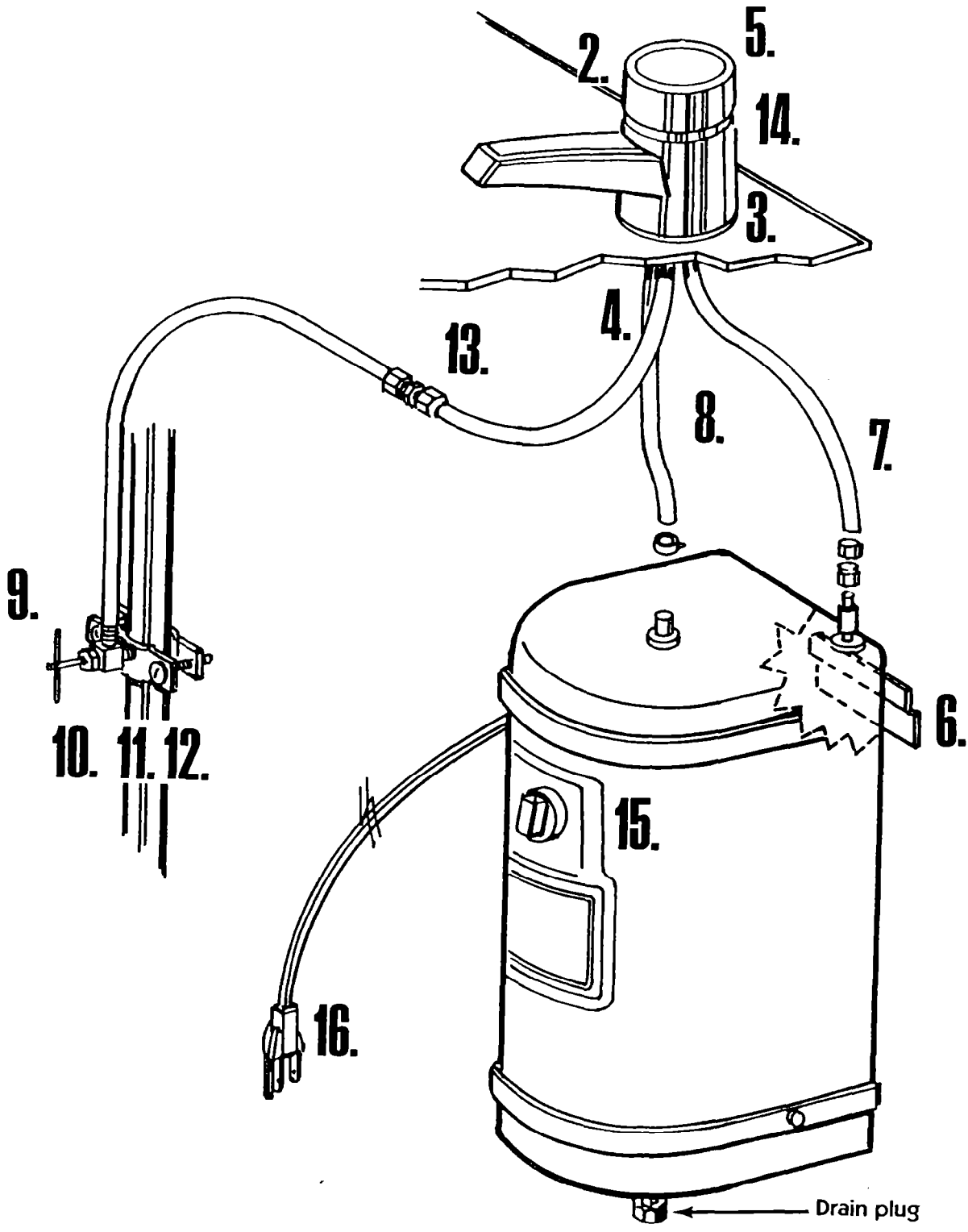
**11**

Turn saddle valve handle clockwise to pierce the water supply line and close the valve. Turn water supply back on.



**12**

Place a container under the open end of the water supply line. Open the saddle valve and flush line. This will remove any foreign material trapped in the supply line during the saddle valve installation. Close saddle valve.



Numbers correspond to steps.

## Seasonal shut-down

To prevent damage to the storage tank when dispenser is exposed to freezing temperatures, tank water must be drained.

1. Unplug unit.
2. Turn thermostat knob to "OFF" position.
3. Turn spout cap to "OPEN" position and run water until water is cold. Release spout cap.
4. Place a 3-quart capacity bucket or dish under the drain plug on the bottom of the storage tank. Unscrew the drain plug with a  $\frac{3}{16}$ " wrench and let water drain. Replace plug. Do not overtighten.

**Do not plug appliance into power supply if tank is empty.**

## Troubleshooting

Should your dispenser not work correctly, check the following list before calling for service. The following things are not covered by the Warranty.

1. Water isn't hot:
  - a. Check if dispenser is plugged in.
  - b. Turn temperature control knob clockwise as far as possible. Test the temperature again after 15 minutes.
  - c. Check if fuse is blown or circuit breaker is open. See Use and Care Guide for instructions.
2. Hot water drips or sputters from spout:
  - a. Turn the control knob counter-clockwise to lower temperature.
  - b. Check that the flexible tube connecting the faucet to the storage tank is not clogged or tightly bent against itself.
  - c. Check for a clogged screen.
  - d. Check for proper installation of copper tubing from faucet to storage tank and faucet to water line. If connected backwards, valve may be damaged. See Installation Instructions.
3. Water does not flow:
  - a. Make sure saddle valve on water supply is open.
  - b. Check if flexible tube is twisted or tightly bent against itself.
  - c. Check if filter screen or spout screen is clogged.
4. Water boils or vapor appears:
  - a. Lower temperature setting.

Note: If lowering the thermostat setting does not stop the boiling, unplug the power supply cord and contact an authorized service office.

## If you need service...

Refer to your Use and Care Guide.