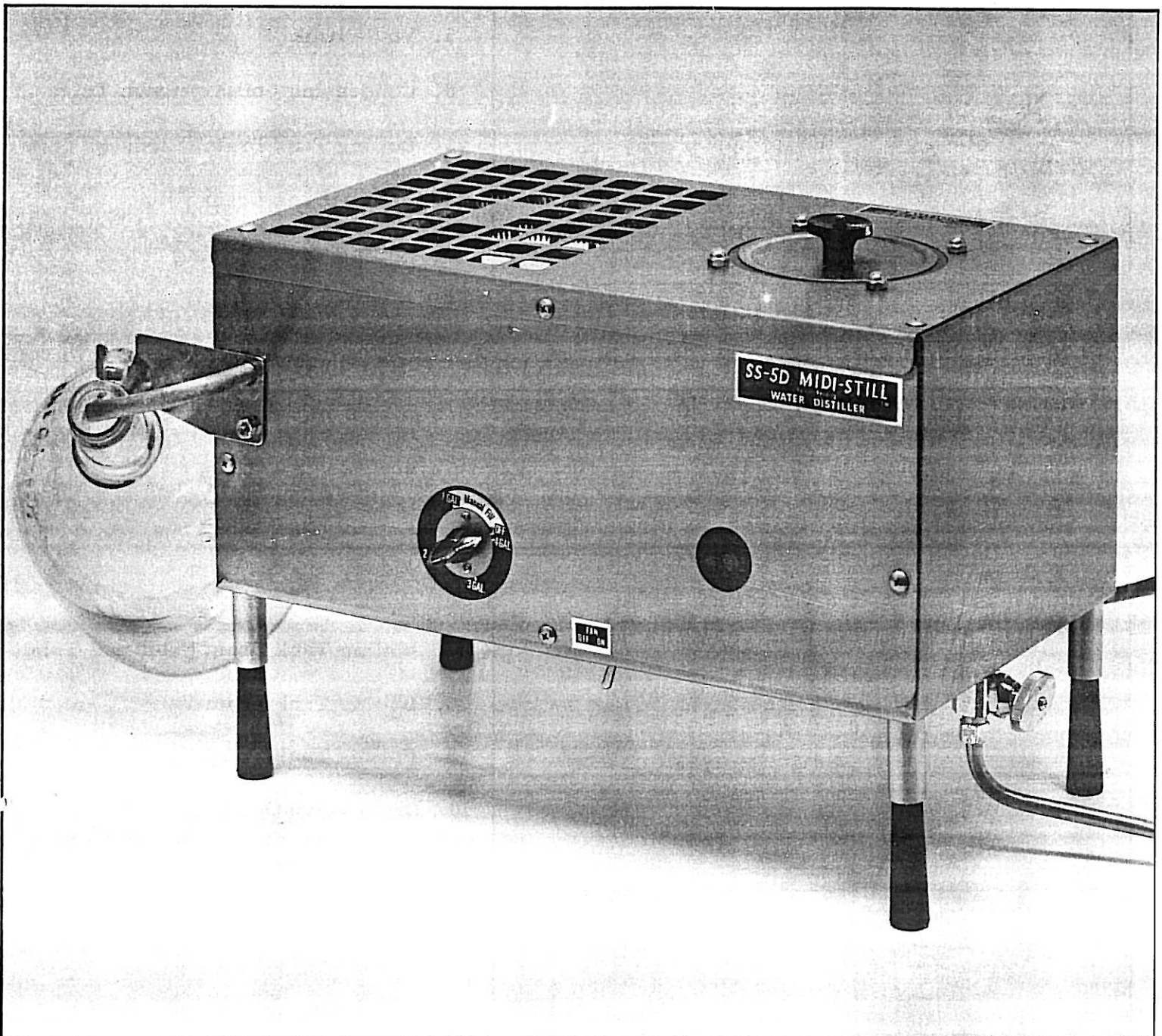


# SS-5D MIDI STILL

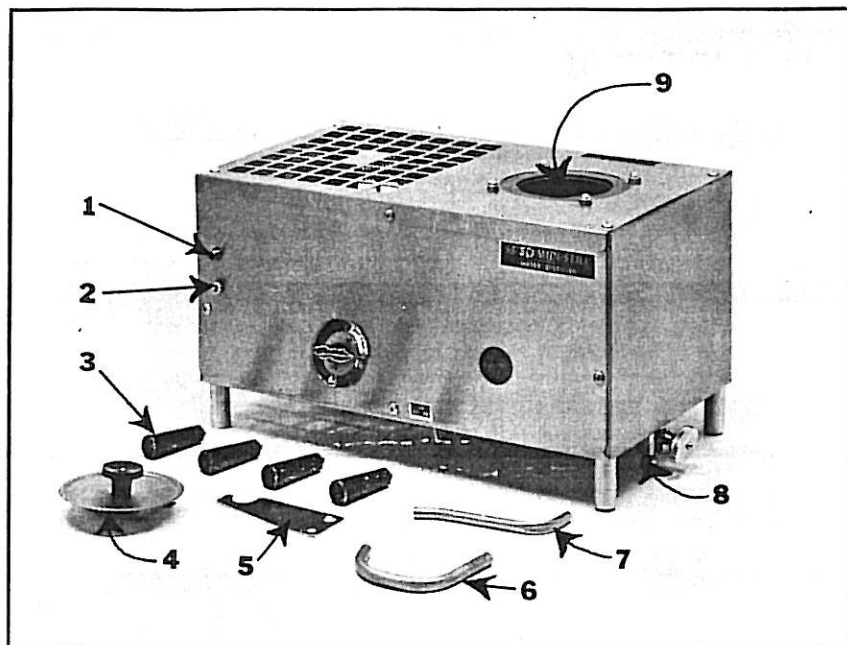
## INSTRUCTIONS FOR ASSEMBLY AND OPERATION



IT WOULD BE HELPFUL IF THE USER WOULD STUDY THE FOLLOWING ILLUSTRATIONS PRIOR TO AND DURING ASSEMBLY AND OPERATING THIS UNIT.

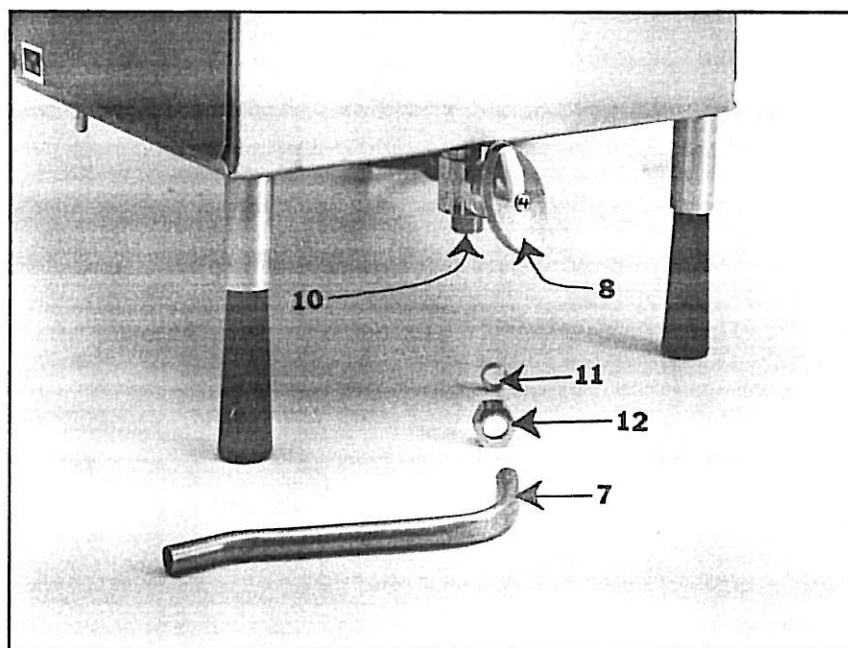
FIG-1 SS-5D MIDI-STILL AND PARTS

SS-5D MIDI-STILL UNASSEMBLED



1. Condensing Coil outlet tube
2. Stud and nut for holding Bottle Hook
3. Legs
4. Boiling Tank Lid
5. Bottle Hook
6. Condensing Coil Extension Tube
7. Boiling Tank Drain Extension Tube
8. Boiling Tank Drain Valve
9. Boiling Tank Opening

FIG-2 INSTALLATION OF BOILING TANK DRAIN EXTENSION TUBE



7. Boiling Tank Drain Extension Tube
8. Boiling Tank Drain Valve
9. Boiling Tank Opening
10. Drain Valve Opening
11. Brass Compression Ring
12. Compression Nut

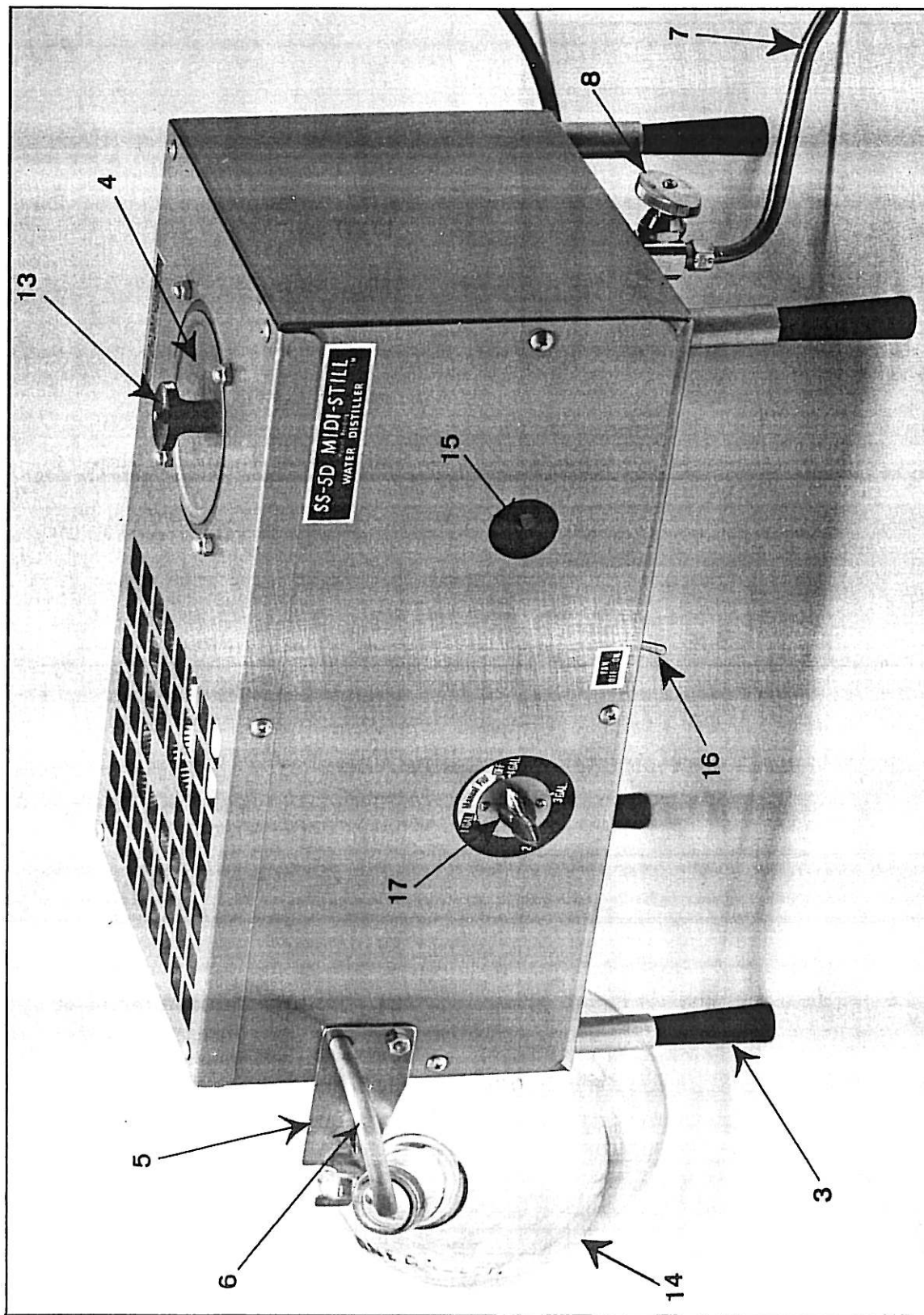
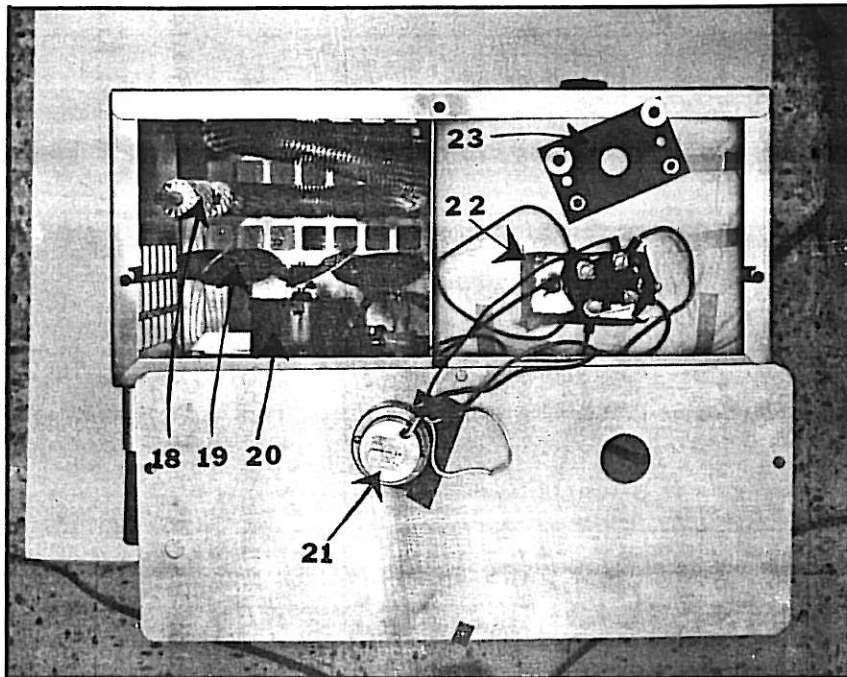


FIG-3 SS-5D MIDI-STILL ASSEMBLED

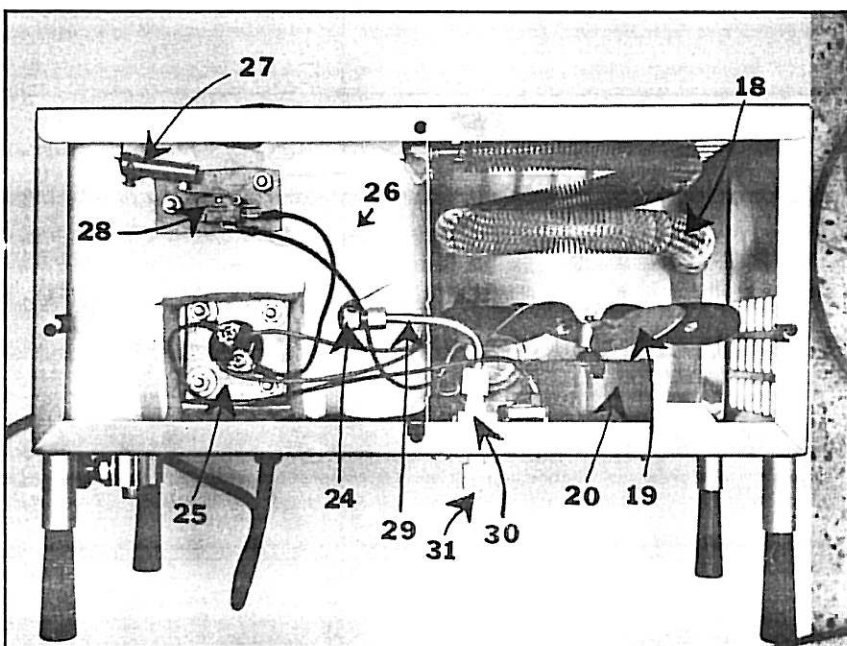
- |                                   |                                      |                |
|-----------------------------------|--------------------------------------|----------------|
| 3. Legs                           | 7. Boiling Tank Drain Extension Tube | 15. Reset      |
| 4. Boiling Tank Lid               | 8. Boiling Tank Drain Valve          | 16. Fan Switch |
| 5. Bottle Hook                    | 13. Lid Knob                         | 17. Timer Knob |
| 6. Condensing Coil Extension Tube | 14. One Gallon Glass Jug             |                |

FIG-4 - VIEW OF UNIT FRONT COVER REMOVED



- 18. Condensing Coil
- 19. Fan
- 20. Motor
- 21. Timer
- 22. Reset
- 23. Reset Retaining Plate

FIG-5 - REAR VIEW OF UNIT COVER REMOVED



- 18. Condensing Coil
- 19. Fan
- 20. Motor
- 24. Boiling Tank Water Inlet
- 25. Heat Element
- 26. Boiling Tank
- 27. Float Arm
- 28. Micro Switch
- 29. Solenoid Inlet Tube
- 30. Solenoid
- 31. White Compression Nut



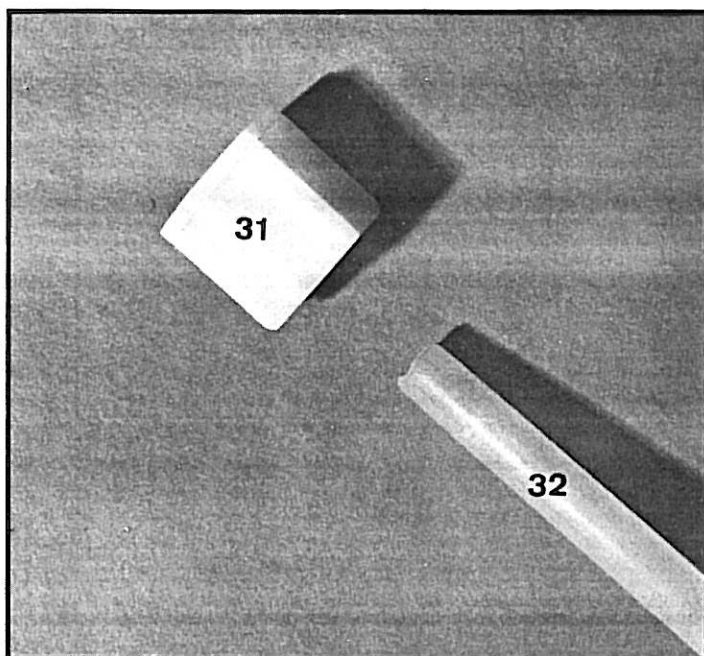


FIG-6

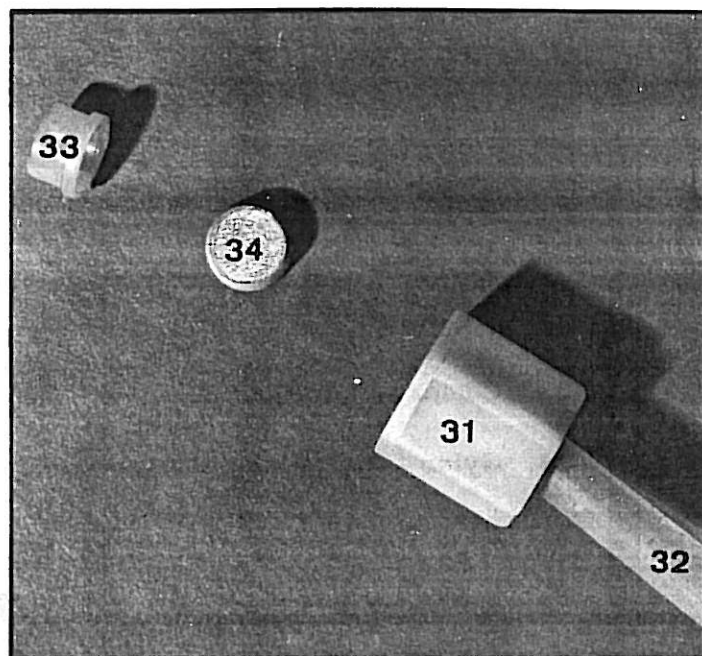


FIG-7

31. White Compression Nut

32. Flexible Tubing

33. Compression Sleeve

34. Grey Plug

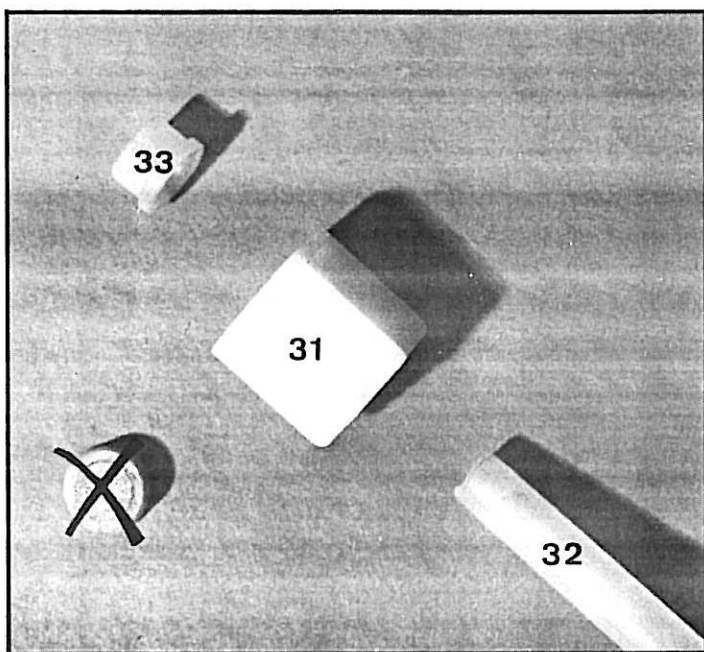


FIG-8

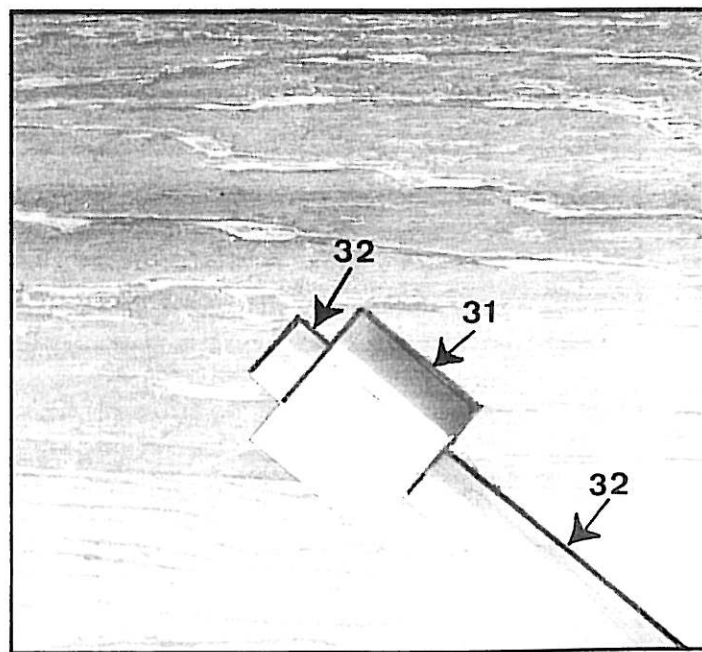


FIG-9

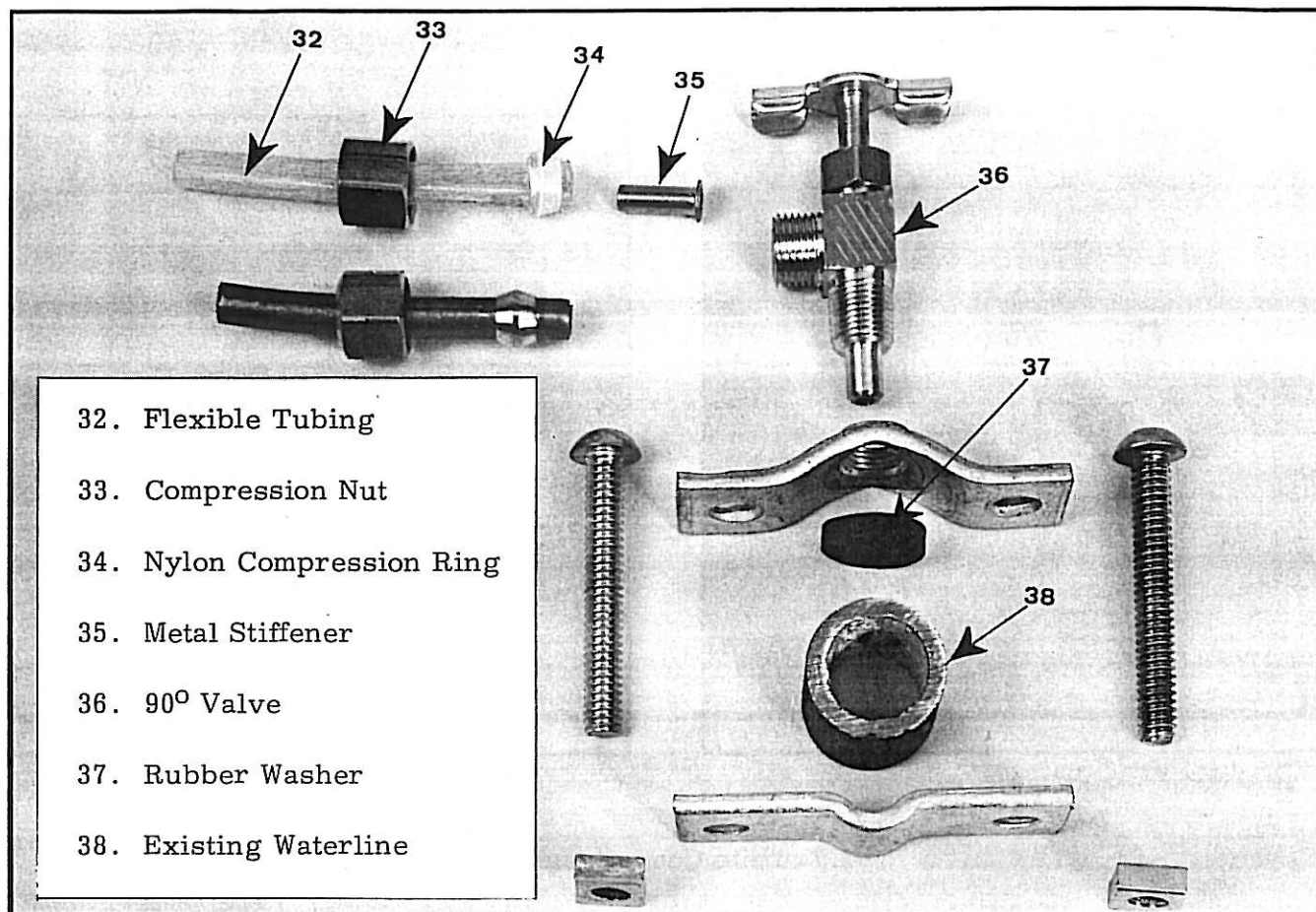
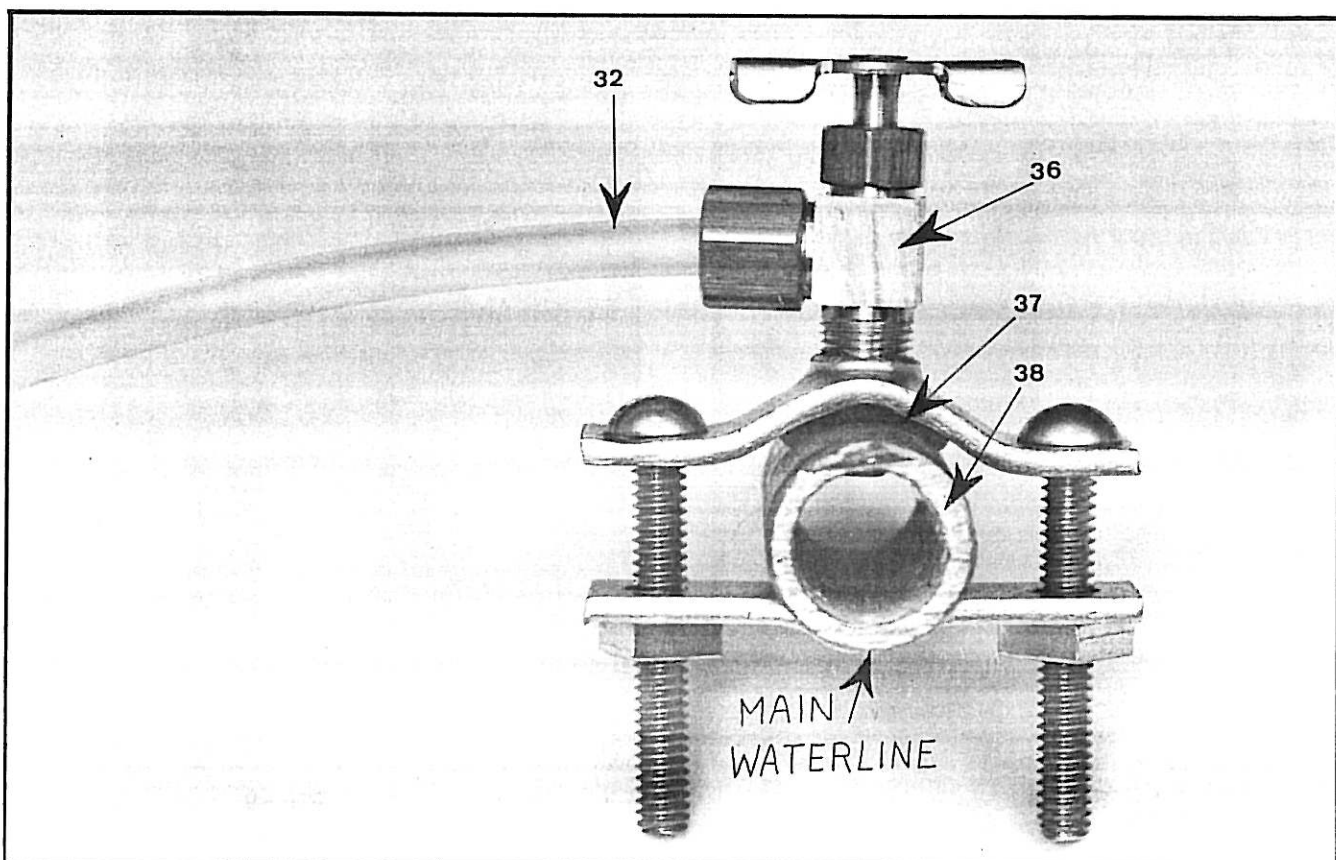


FIG-10 SADDLE CLAMP ASSEMBLY

FIG-11 SADDLE CLAMP ASSEMBLED



- 1) PLEASE READ ALL INSTRUCTIONS THOROUGHLY BEFORE ASSEMBLING AND OPERATING YOUR NEW UNIT. KEEP THESE INSTRUCTIONS FOR FUTURE USE.
- 2) It is important to fill out and return the warranty card which is included with your instructions. This information is very helpful to us should you ever need parts or repairs for your machine.
- 3) Your distiller has been checked at the factory for leaks, proper working procedure, etc. Therefore, it may have a water ring.
- 4) The tank is heliarc welded and as you distill water, the mineral content may cling to the heliarc weld and will appear to be rust. This is T-304 Stainless steel and what may appear to be rust is the mineral content clinging to the seams.
- 5) DO NOT subject your unit to misuse or abuse. Proper cleaning is very important and instructions are included as part of this booklet.
- 6) When some people start drinking distilled water, they seem to think it has a taste. Usually, this is not taste but a lack of taste. The taste buds will become accustomed to this the same as they did to the water in your area.
- 7) PLEASE GIVE CLOSE ATTENTION TO THE FOLLOWING ELECTRICAL PRECAUTIONS:
  - a. Never immerse the unit in water or any other liquid.
  - b. Unplug the unit from the electrical source when not in use, before putting on or removing parts, and before cleaning.
  - c. Never operate an appliance with a damaged cord. Do not let the cord hang over a sharp edge, such as a counter top or table, or be exposed to hot surfaces.
  - d. Do not use an extension cord.
  - e. The unit should not be operated outdoors or be exposed to the natural elements (rain, snow, and so forth).
  - f. THIS ELECTRICAL APPLIANCE, LIKE ALL OTHERS, SHOULD BE GROUNDED!

LIKE ALL OTHER ELECTRICAL APPLIANCES, THIS UNIT SHOULD NOT BE OPERATED AND FILLED DIRECTLY FROM THE KITCHEN SINK WITH THE UNIT CONNECTED TO AN ELECTRICAL SOURCE AS AN EXTRA PRECAUTIONARY MEASURE.

- 8) Although we inspect these machines before leaving the factory, we are subject to human error. So, should there be any defects or missing parts to your machine, correspond directly with Pure Water Society, Inc., 3725 Touzalin, P. O. Box 83226, Lincoln, NE 68501.

THE INSTRUCTIONS WHICH ARE GIVEN BELOW AND ON THE FOLLOWING PAGES SHOULD BE FOLLOWED CLOSELY IN ASSEMBLING AND PREPARING THE UNIT FOR OPERATION. THE SS-5D MIDI-STILL IS DESIGNED TO BE USED ONE OF TWO WAYS:

1. As a Manual Fill Portable Unit    - OR -    2. As a Direct Waterline Hookup Unit

### A S S E M B L Y

When opening box, save everything until unit is in operation. When unpacking the unit, you will find the following parts packed in a bag. (See FIG-1)

- |                    |                                     |
|--------------------|-------------------------------------|
| 4 Black Legs       | 1 Boiling Tank Drain Extension Tube |
| 1 Bottle Hook      | 1 Condensing Coil Extension Tube    |
| 1 Boiling Tank Lid |                                     |

Found in a separate bag will be the "Direct Waterline Hookup Kit."

(The container to catch the distilled water must be furnished by the owner. The unit is designed to be used with a one gallon glass jug as shown in the illustrations.)

1. Install Legs (Fig 3-3). Turn unit upside down and screw legs into threaded holes provided.
2. Install Bottle Hook (Fig 3-5). Remove nut from stud located on front unit just below condensing coil outlet. Large hole in bottle hook fits over condensing coil outlet, and small hole over stud. Secure bottle hook in place by replacing nut on stud and tightening snugly.
3. Install Condensing Coil Extension Tube (Fig 3-6). The long end of tube should be slipped over the short tube of the condensing coil which comes out at the front of the unit. The other end then goes into the one gallon glass jug. Leave approximately a  $\frac{1}{4}$ " gap between the condensing coil extension tube and the "fins" of the condensing coil.
4. The Boiling Tank Lid (Fig 3-4) will not be used until the unit is filled with water. You may note that by loosening the black knob (Fig 3-13) on top and then tipping the lid, the bar at the bottom slips under the opening in the top of the unit. Center the lid over the opening and tighten the black knob. This lid will need to be removed each time the unit is filled with water.
5. Install Boiling Tank Drain Extension Tube (Fig 2-7). The boiling tank drain extension tube will allow the user to drain the boiling tank into the sink more conveniently. To assemble, remove the compression nut and brass sleeve from the boiling tank drain valve; take the end of the tube with the 90° bend and do the following:
  - a. Slip the compression nut (2-12) over the tube, small opening first; then, slip on the brass sleeve (Fig 2-11).
  - b. Push the tube into the opening of the drain valve (Fig 2-10).
  - c. Next, thread the nut onto the boiling tank drain valve.