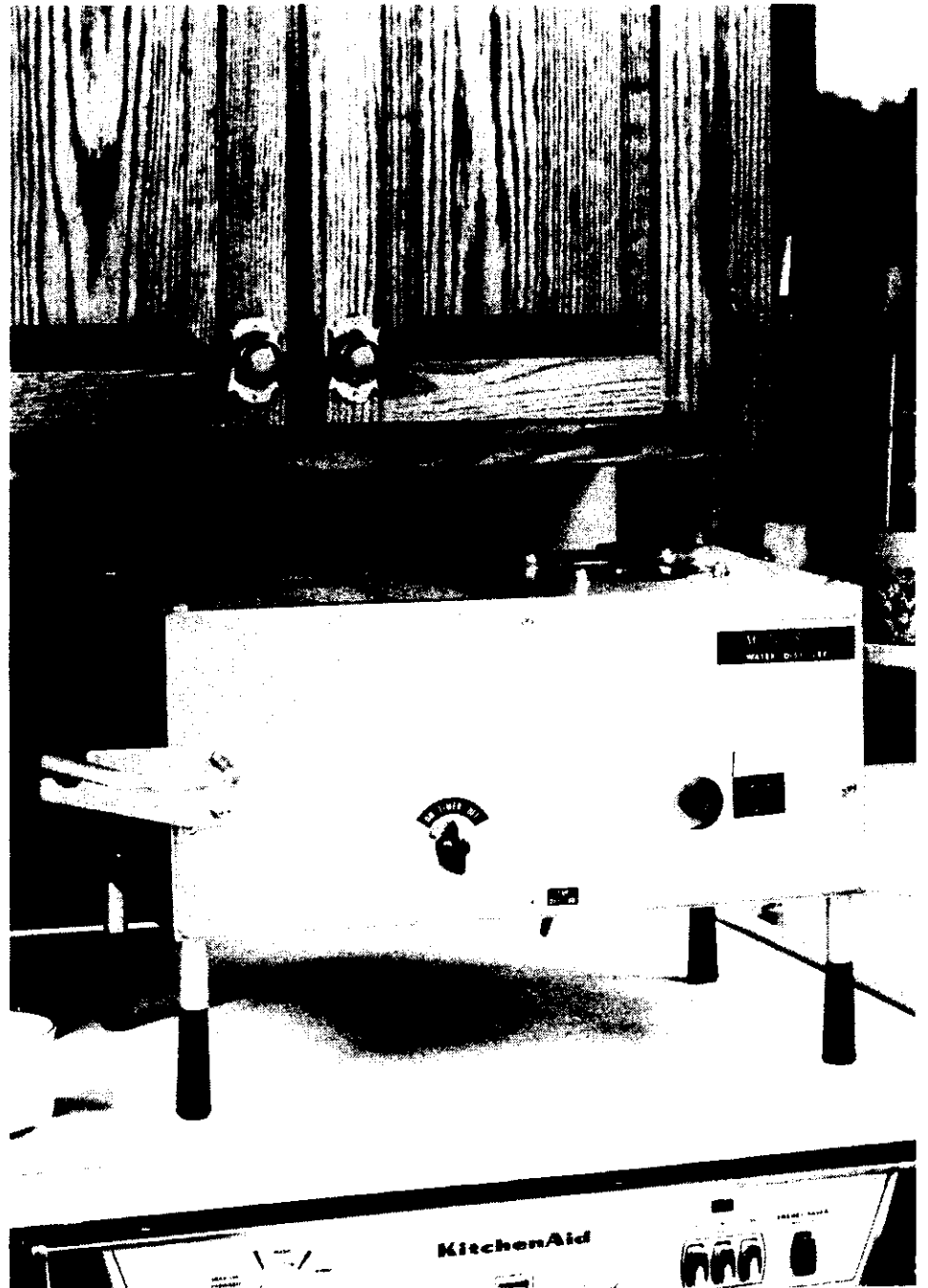


Midi Still — Midi Still D™

INSTRUCTIONS FOR ASSEMBLY AND OPERATION



Pure Water Inc.

3725 TOUZALIN / BOX 83226 / LINCOLN, NEBRASKA 68501 / 402-467-2577

TM

**Model and serial number may be found
at the left-hand side of the base.**

**You should record both model and
serial number below for future use.**

Model: _____

Serial Number: _____

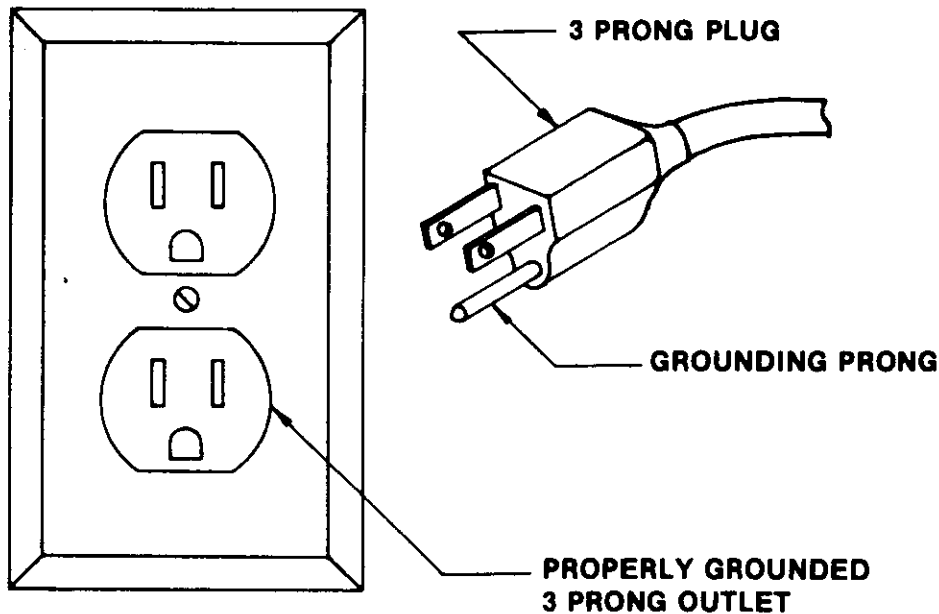
- 1) PLEASE READ ALL INSTRUCTIONS THOROUGHLY BEFORE ASSEMBLING AND OPERATING YOUR NEW UNIT. KEEP THESE INSTRUCTIONS FOR FUTURE USE.
- 2) It is important to fill out and return the warranty card which is included with your instructions. This information is very helpful to us should you ever need parts 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 a 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 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 or 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.

CONNECTING TO POWER SOURCE OUTLET

This unit must be grounded while in use to protect the operator from electrical shock. If power cord is worn, cut or damaged in any way, have it replaced immediately.

Your unit has a plug that looks like the one illustrated below.



Plug power cord into 120V properly grounded type outlet protected by a 20-amp. time delay or circuit-saver fuse, or circuit breaker.

IF YOU ARE NOT SURE THAT YOUR OUTLET IS PROPERLY GROUNDED, HAVE IT CHECKED BY A QUALIFIED ELECTRICIAN.

WARNING: DO NOT PERMIT FINGERS TO TOUCH THE TERMINALS OF PLUG WHEN INSTALLING OR REMOVING THE PLUG TO OR FROM THE OUTLET.

This unit is equipped with a 3-conductor cord and grounding type plug which has a grounding prong, approved by Underwriter's Laboratories and the Canadian Standards Association. The ground conductor has a green plug and is attached to the base at one end and to the ground prong in the attachment plug at the other end.

This plug requires a mating 3-conductor grounded type outlet as shown.

You will notice that the condensing coil, located inside the unit at the left (as you face the front of the unit), will have two small holes drilled in its top. These holes are not defects, rather they are provided to release certain volatile gases. Should some steam escape from these holes, this should be of no alarm to you.

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, Inc., 3725 Touzalin, P.O. Box 83226, Lincoln, NE 68501.

FIGURE 1 MIDI AND MIDI-D STILL AND PARTS UNASSEMBLED

Key

No. Part Name

- 1 Boiling tank drain extension tube
- 2 Condensing coil extension tube
- 3 Bottle hook
- 4 Boiling tank lid assembly
- 5 Midi legs
- 6 Strainer (Midi-D only)
- 7 $\frac{1}{4}$ " Plastic nut (Midi-D only)
- 8 Saddle tapping valve (Midi-D only)
- 9 $\frac{1}{4}$ " O.D. water line tubing (Midi-D only)

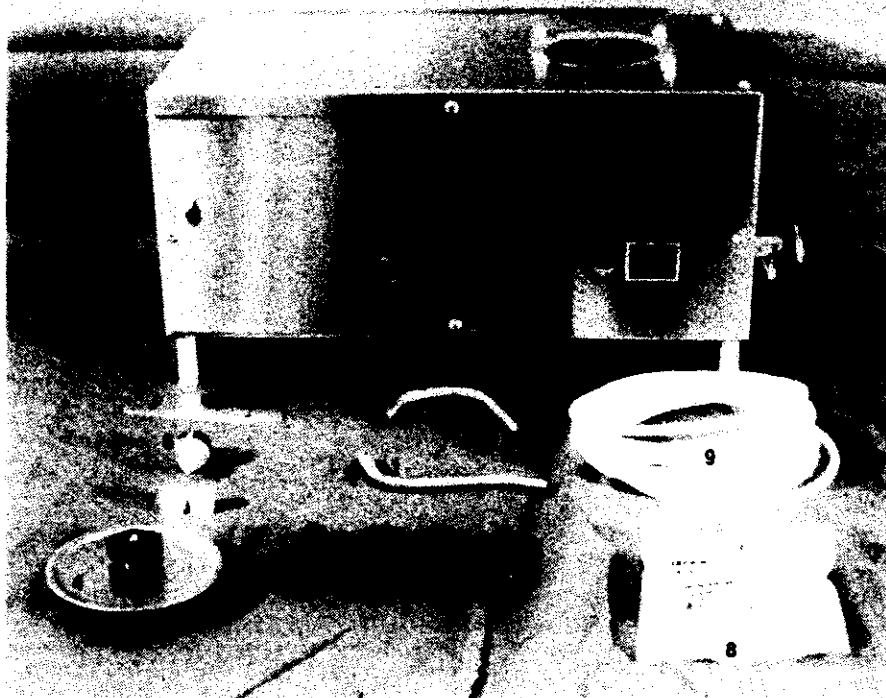
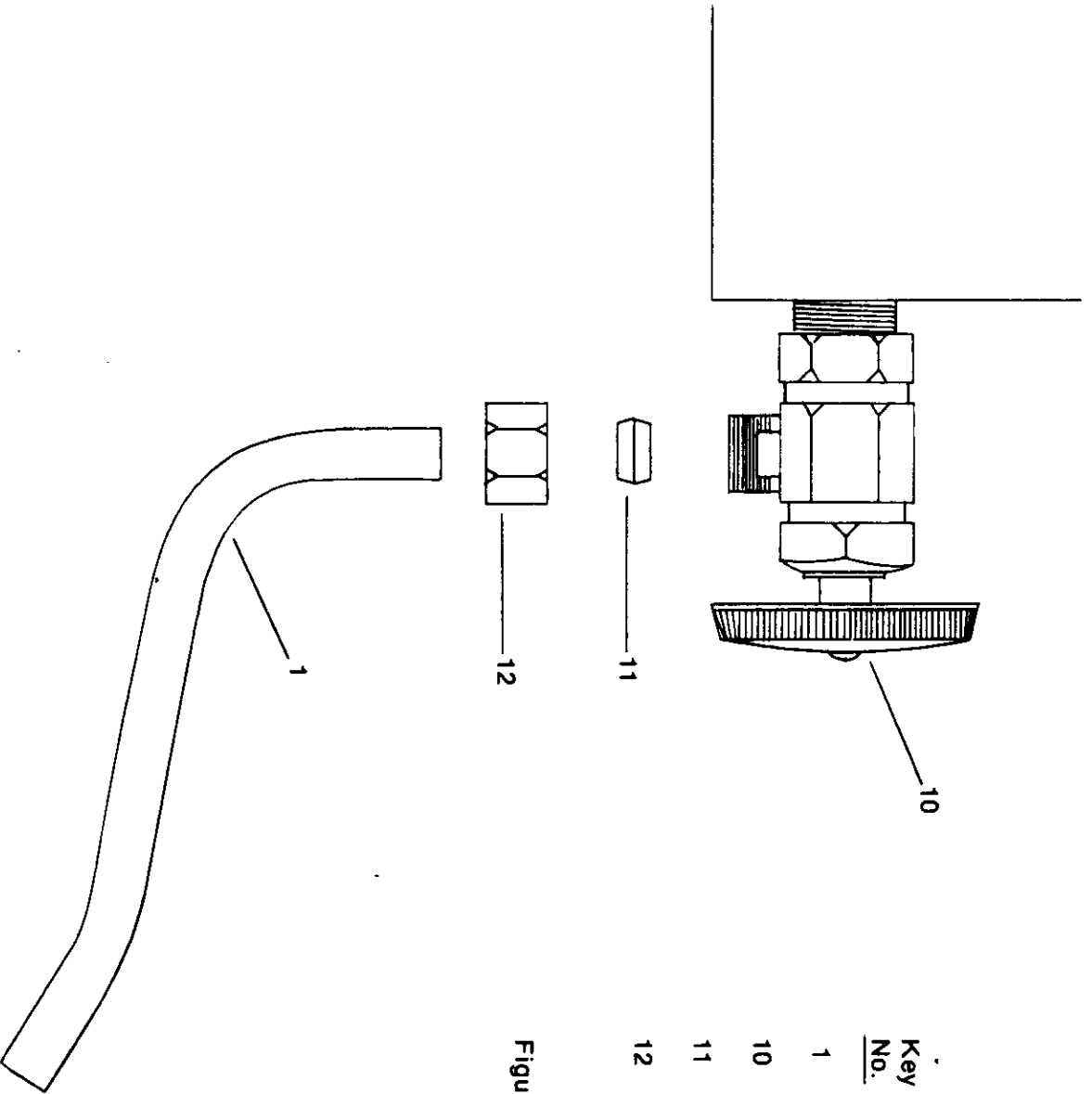


Figure 1

FIGURE 2 INSTALLATION OF BOILING TANK DRAIN EXTENSION TUBE



<u>Key No.</u>	<u>Part Name</u>
1	Boiling tank drain extension tube
10	R-17 drain valve
11	Brass compression ring
12	Compression nut

Figure 2

FIGURE 3 MIDI AND MIDI-D STILL ASSEMBLED

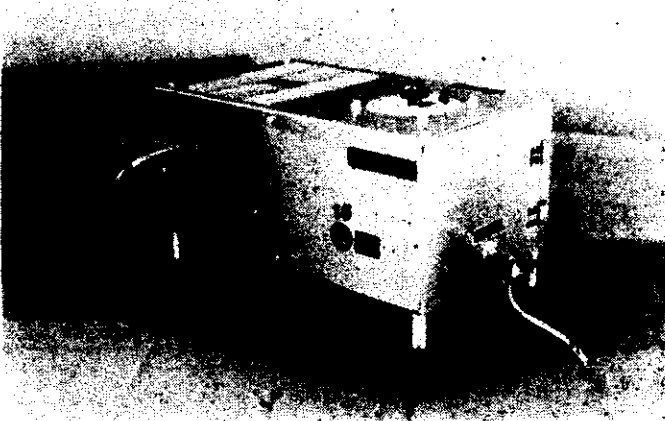


Figure 3

<u>Key No.</u>	<u>Part Name</u>
1	Boiling tank drain extension tube
2	Condensing coil extension tube
3	Bottle hook
4	Lid assembly
5	Midi leg
10	R-17 drain valve
13	Leg riser
14	Timer assembly
15	Fan switch
16	Reset
33	Momentary water switch (Midi-D only)
34	Heating element switch (Midi-D only)

FIGURE 4 VIEW OF UNIT FRONT COVER REMOVED

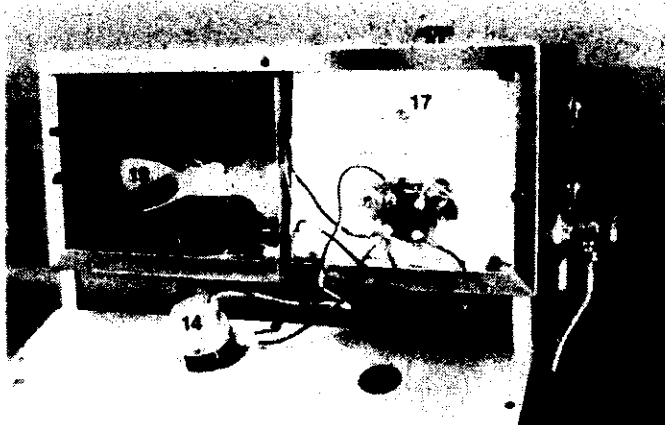


Figure 4

<u>Key No.</u>	<u>Part Name</u>
10	R-17 drain valve
14	Timer assembly
15	Fan switch
16	Reset
17	S.S. reset retainer plate assembly
18	Condensing coil with fittings
19	Fan blade
20	Fan motor

FIGURE 5 REAR VIEW OF UNIT BACK COVER REMOVED

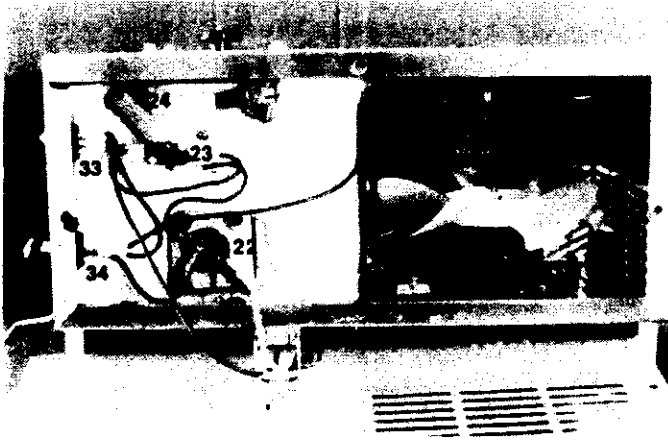


Figure 5

Key No.	Part Name
21	Solenoid water valve (Midi-D only)
22	Heating element 1000 watts
23	Micro switch (Midi-D only)
24	Actuating arm (Midi-D only)
33	Momentary water switch (Midi-D only)
34	Heating element switch (Midi-D only)

FIGURE 6 REAR VIEW OF MIDI-D STILL

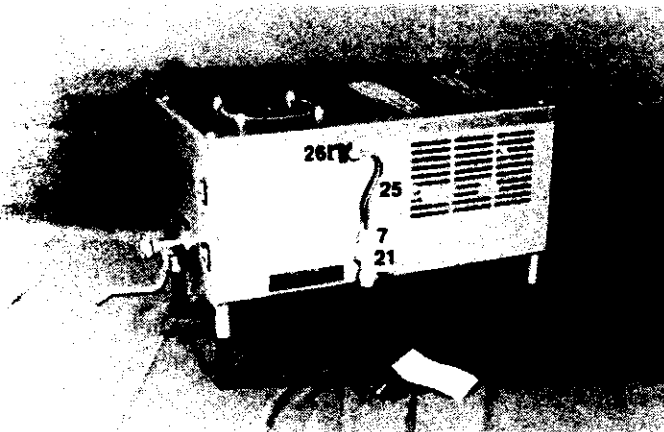


Figure 6

Key No.	Part Name
7	1/4" plastic nut
21	Solenoid water valve
25	Water inlet tube
26	Elbow 1/4" compression x 1/8" NPT

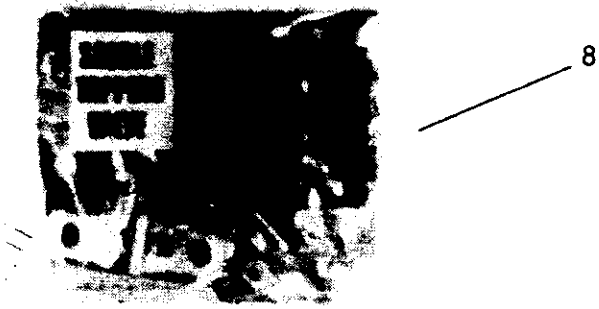


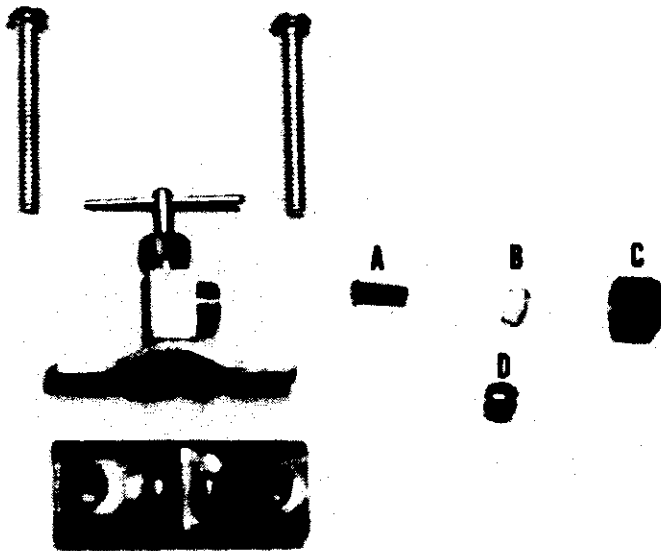
FIGURE 7 SADDLE TAPPING VALVE ASSEMBLY

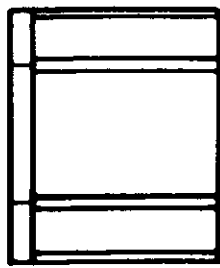
Figure 7

Key

No. Part Name

- 8 Saddle tapping valve kit
- A Brass insert
- B Delrin sleeve
- C Compression nut
- D Brass sleeve (for use on copper line)





7



9

Figure 8

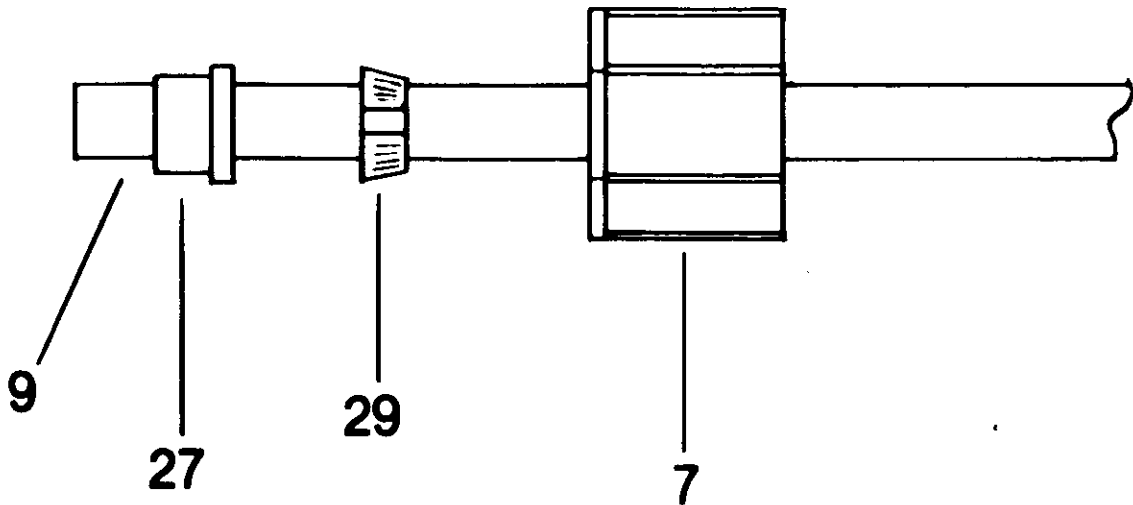


Figure 12

FIGURE 8, 12

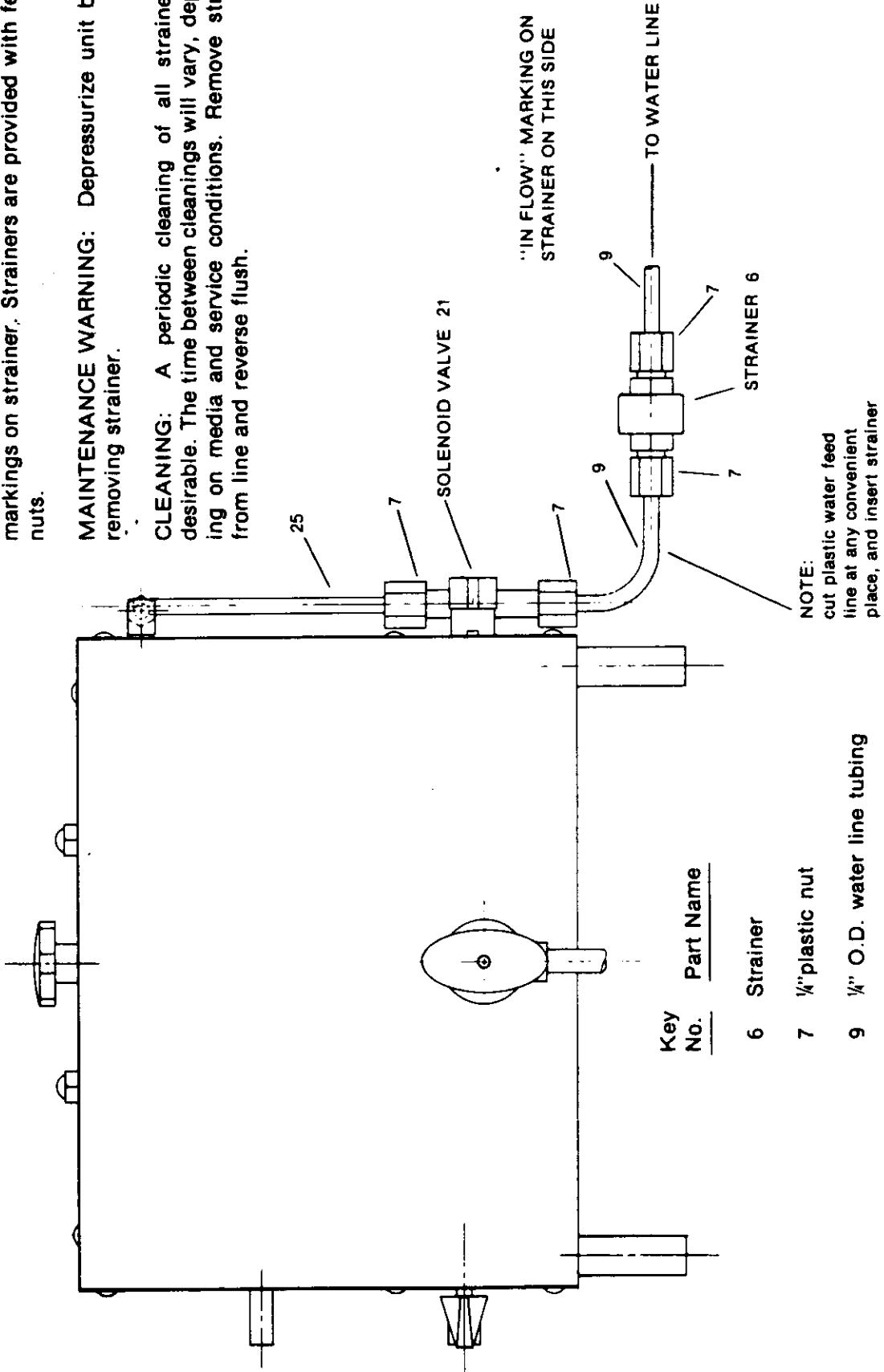
Key No.	Part Name
7	1/4" plastic nut
9	1/2" O.D. water line tubing
27	Compression sleeve
29	Gripper

THIS DRAWING IS REPRESENTATIVE OF INSTALLATION ON MIDI STILL "D"

INSTALLATION TUBING: This strainer can be installed anywhere in the water line. Cut water pressure off before installing strainer. Connect tubing to strainer according to markings on strainer. Strainers are provided with ferrule nuts.

MAINTENANCE WARNING: Depressurize unit before removing strainer.

CLEANING: A periodic cleaning of all strainers is desirable. The time between cleanings will vary, depending on media and service conditions. Remove strainer from line and reverse flush.



Key No.	Part Name
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6	Strainer
---	----------

7	1/4" plastic nut
---	------------------

9	1/4" O.D. water line tubing
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21	Solenoid water valve
----	----------------------

25	Water inlet tube
----	------------------

NOTE:
cut plastic water feed line at any convenient place, and insert strainer

Figure 13

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

1. As a Manual Fill Portable Unit - OR - As a Direct Waterline Hookup Unit.
2. On Midi Manual Fill units follow instructions for Manual Fill.

ASSEMBLY

When opening the 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	1 Saddle Tapping Valve (Midi-D)
1 Strainer (Midi-D)	3 1/4" Plastic Nuts (Midi-D)
	1 1/4" O.D. Water Tubing (Midi-D)

(The container to catch the distilled water must be purchased by the owner. The unit is designed to be used with a one gallon glass jug as shown in the illustrations.) NOTE: DO NOT USE PLASTIC CONTAINERS.

1. Install Legs (Fig 3-5). Turn unit upside down and screw legs into threaded holes provided.
2. Install Bottle Hook (Fig 3-3). Remove screw located on front unit just below and left of condensing coil outlet. Large hole in bottle hook fits over condensing coil outlet, and small hole over screw hole. Secure bottle hook in place by replacing screw and tightening snugly.
3. Install Condensing Coil Extension Tube (Fig 3-2). The short 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.
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 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 2-1). 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 (Fig 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.
 - d. Push the tube firmly into the tube opening and using a wrench tighten the compression nut.
 - e. Fig 3 shows boiling tank drain extension tube installed.

Prior to using, it might be well to place water in the boiling tank and open drain valve to make sure that there are no leaks and that the connection is tight enough.

NOTE: 1. Midi Still Manual Fill Unit, stop here and go to page entitled OPERATION OF MIDI STILL MANUAL FILL UNIT.

2. Midi-D Still Direct Waterline Hookup and Midi-D Still used as Manual Fill unit, proceed with the following directions for assembling and operation.

1. Take the flexible tubing and run it to your existing cold water supply pipe. NOTE: DO NOT USE HOT WATER LINE.
2. At the backside, bottom of unit, remove white blind nut (Fig 6-7).
3. Save "blind nut" for possible future use in manual operation.
4. Install water line and strainer as per Figure 13.
5. Installation of $\frac{1}{4}$ " plastic nut on fittings, insert the water line tubing through the small end of plastic nut and let it protrude about $\frac{1}{4}$ " (Fig 8).

NOTE: The compression nut comes in 3 parts; the nut, compression sleeve, and gripper. If the compression sleeve or gripper comes out while installing the water line, insert them back into the nut or on tubing (Fig 12). The gripper has a split in it so it will compress onto the tubing when you tighten the nut.

6. Install plastic nut on fitting about $\frac{1}{4}$ turn, push the water line as far as it will go and then tighten nut.
7. Connect saddle tapping valve to home cold water supply, DO NOT USE HOT WATER LINE. See instructions on saddle tapping valve kit (Fig 7) for saddle tapping valve assembly.

NOTE: If you have a soft water unit in your home, you can use the cold water line from the water softener unit.

NOTE: MAKE SURE THE BOILING TANK DRAIN VALVE IS CLOSED BEFORE PROCEEDING.

8. Turn existing water supply on and open saddle tapping valve completely. NOTE: Should any leaks occur retighten all connections. Some areas where leaks may occur are: where the saddle tapping valve attaches to existing water line; where flexible tubing meets strainer and/or where flexible tubing meets saddle tapping valve.
9. Turn timer, heating element switch and fan switch to "OFF" position, plug unit into electrical outlet.
10. Turn the timer knob left, counterclockwise to the "1 gallon" position.
11. Fill the boiling tank with water by pressing the momentary water switch until water is just above the heating element. Leave the boiling tank lid "OFF".
12. Turn heating element switch to "ON" position. The boiling tank will stop filling when water level is approximately $1\frac{1}{2}$ " above the heating element.
13. To check operation of the automatic filling system: Hold a container under the drain valve, open the drain valve SLOWLY, and as water level lowers to approximately 1" over the heating element, the unit should again allow water to refill the boiling tank.

CAUTION: DO NOT OPERATE UNIT IF THE WATER GOES BELOW THE HEATING ELEMENT BEFORE THE UNIT ALLOWS WATER TO COME INTO THE BOILING TANK AGAIN.

This unit has been run several times at the factory in order to test its operation, parts and assembly. However, the user is encouraged to run the unit through a steam sterilization cycle and two distillation cycles prior to distilling water for usage. In addition, we strongly recommend that the container used to catch the distilled water be made of either stainless steel or glass and that this container be cleaned with hot, soapy water and rinsed thoroughly before being used to catch distilled water.

STEAM STERILIZATION DIRECT WATERLINE HOOKUP

After you have completed steps 9 through 13 from above:

1. Turn "OFF" all switches that you may have turned "ON" while setting up your unit.
2. Make sure that you have the water turned "ON" at the saddle tapping valve and water in the boiling tank.
3. Install boiling tank lid and tighten lid knob.
4. Place a container under the condensing coil extension tube to catch water. Although mostly steam will come out of the extension tube some condensation may possibly occur.
5. Turn heating element switch to "ON" position.
6. Make sure that the fan switch is in the "OFF" position. By placing the fan switch in the "OFF" position, this will allow steam to pass through the condensing coil and sterilize the unit.
7. Turn the timer knob left, counterclockwise to the "1 GALLON" position. Allow the unit to run for about 20 minutes after the water comes to a full boil.
8. After steam sterilization cycle turn "OFF" unit. Drain boiling tank and proceed with the following directions for Distillation - Waterline Hookup.

DISTILLATION - DIRECT WATERLINE HOOKUP ONLY

1. Turn timer, heating element switch and fan switch to "OFF" position, plug unit into electrical outlet.
2. Make sure that you have water turned "ON" at the saddle tapping valve.
3. Turn timer knob left, counterclockwise to the "1 GALLON" position.
4. Fill boiling tank with water by pressing momentary water switch until water is just above the heating element. Leave the boiling tank lid "OFF".
5. Turn heating element switch to "ON" position. The boiling tank will stop filling when water level is approximately 1½" above the heating element.
6. Install boiling tank lid and tighten knob.
7. Turn "OFF" timer at this time.

8. Select glass or stainless steel container in which you wish to catch the distilled water. **DO NOT USE PLASTIC CONTAINERS.** Place the container under the condensing coil extension tube. If a 1 gallon glass jug is used, the bottle hook must be used.
9. Turn fan switch to "ON" position.
10. Turn timer knob left, counterclockwise to the number of gallons you desire to produce. If a 1 gallon glass jug is used, **DO NOT TURN TIMER KNOB PAST THE "1 GALLON" POSITION.**

NOTE: It is not necessary to turn "Off" the fan switch and heating element switch before each distillation cycle.

NOTE: To prevent a concentration of chemicals, pollutants and other materials from building up in the bottom of the boiling tank, drain the boiling tank after approximately every third distillation cycle or at least once a week and refill with water. See cleaning instructions.

OPERATION OF MIDI-D USED AS MANUAL FILL UNIT STEAM STERILIZATION — MIDI-D USED AS A MANUAL FILL UNIT

1. Turn timer, heating element switch and fan switch to "OFF" position.
2. Fill the boiling tank manually with water until the water just touches water level gauge.

CAUTION: FILLING WATER ABOVE BOTTOM OF LEVEL GAUGE MAY ALLOW UNDISTILLED WATER TO FLOW INTO THE CONDENSING COIL. DO NOT OVERFILL!
3. Install boiling tank lid and tighten knob.
4. Place a container under the condensing coil extension tube to catch water. Although mostly steam will come out of the extension tube some condensation may possibly occur.
5. Make sure that the fan switch is in the "OFF" position. By placing the fan switch in the "OFF" position, this will allow steam to pass through the condensing coil and sterilize the unit.
6. Turn the timer knob left, counterclockwise to "1 GALLON" position. Allow the unit to run for about 20 minutes after the water comes to a full boil.
7. After steam sterilization cycle turn "OFF" unit and unplug from wall outlet. Drain boiling tank and proceed with the following directions for distillation.

DISTILLATION — MIDI-D USED AS A MANUAL FILL UNIT

1. Turn timer, heating element switch and fan switch to "OFF" position.
2. Fill the boiling tank manually with water until the water just touches water level gauge.

CAUTION: FILLING WATER ABOVE BOTTOM OF LEVEL GAUGE MAY ALLOW UNDISTILLED WATER TO FLOW INTO THE CONDENSING COIL AND INTO USER'S CONTAINER. DO NOT OVERFILL!
3. Install boiling tank lid and tighten the knob.
4. Plug the unit into electrical outlet and turn the fan switch and heating element switch to the "ON" position.

5. Turn the timer knob left, counterclockwise to "1 GALLON" position.

CAUTION: DO NOT turn the timer knob past the "1 GALLON" mark when used as a manual fill unit. You will distill all the water in the boiling tank and the water will go below the heating element. This will cause the reset to pop out and shorten the life of the heating element.

6. Select glass or a stainless steel container in which you wish to catch the distilled water. DO NOT USE PLASTIC CONTAINERS. If a "1 Gallon jug" is used, the bottle hook must be used.

NOTE: It is not necessary to turn "OFF" the fan switch and the heating element switch before each distillation cycle. The boiling tank MUST BE refilled before each distillation cycle.

NOTE: To prevent a concentration of chemicals, pollutants and other materials from building up in the bottom of the boiling tank, drain the boiling tank after approximately every third distillation cycle or at least once a week and refill with water. See cleaning instructions.

OPERATION OF MIDI STILL MANUAL FILL UNIT

This unit has been run several times at the factory in order to test its operation, parts and assembly. However, the user is encouraged to run unit through a steam sterilization cycle and two distillation cycles prior to distilling water for usage. In addition, we strongly recommend that the container used to catch the distilled water be made either of stainless steel or glass and that this container be cleaned with hot, soapy water and rinsed thoroughly before being used to catch distilled water.

STEAM STERILIZATION MANUAL FILL UNIT

1. Turn timer and fan switch to "OFF" position.
2. Fill the boiling tank manually with water until the water just touches water level gauge.

CAUTION: FILLING WATER ABOVE BOTTOM OF LEVEL GAUGE MAY ALLOW UNDISTILLED WATER TO FLOW INTO THE CONDENSING COIL. DO NOT OVERFILL!

3. Install boiling tank lid and tighten the knob.
4. Place a container under the condensing coil extension tube to catch water. Although mostly steam will come out of the extension tube some condensation may possibly occur.
5. Make sure that the fan switch is in the "OFF" position. By placing the fan switch in the "OFF" position, this will allow steam to pass through the condensing coil and sterilize the unit.
6. Turn the timer knob left, counterclockwise to timer stop. Allow the unit to run for about 20 minutes after the water comes to a full boil.
7. After steam sterilization cycle turn "OFF" unit and unplug from wall outlet. Drain boiling tank and proceed with the following directions for distillation.

DISTILLATION — MANUAL FILL UNIT

1. Turn timer and fan switch to "OFF" position.
2. Fill the boiling tank manually with water until the water just touches water level gauge.

CAUTION: FILLING WATER ABOVE BOTTOM OF LEVEL GAUGE MAY ALLOW UNDISTILLED WATER TO FLOW INTO THE CONDENSING COIL AND INTO USER'S CONTAINER. DO NOT OVERFILL!

3. Install boiling tank lid and tighten knob.
4. Plug the unit into electrical outlet and turn the fan switch to "ON" position.
5. Turn the timer knob left, counterclockwise to timer stop.

NOTE: SPECIAL INSTRUCTION FOR OPERATING YOUR MIDI STILL:

The timer stud is to be used as a guide for setting the timer for distilling water. If your water jug overfills with the timer knob set to the timer stud, back the timer knob away from timer stud approximately 1/16" at a time to get the correct setting you need to fill your water jug. When making this adjustment make sure you have water above the heating element after the distillation cycle.

6. Select glass or stainless steel container in which you wish to catch the distilled water. **DO NOT USE PLASTIC CONTAINERS.** Place under condensing coil extension tube. If a "1 gallon glass jug" is used, the bottle hook must be used.

NOTE: It is not necessary to turn "OFF" the fan switch before each distillation cycle. The boiling tank must be refilled before each distillation cycle.

NOTE: To prevent a concentration of chemicals, pollutants and other materials from building up in the bottom of the boiling tank drain the boiling tank after approximately every third distillation cycle or at least once a week and refill with water. See cleaning instructions.

CLEANING INSTRUCTIONS

PROPER CLEANING IS IMPORTANT. Improper cleaning may shorten the life of the unit and particularly that of the heating element. We recommend draining the boiling tank of your unit after approximately every third distillation cycle or at least once a week. This will prevent a concentration of chemicals, pollutants and other materials from building up in the bottom of the boiling tank.

Your unit should be cleaned whenever there is a noticeable amount of mineral build up around the outside of the heating element. The frequency of cleaning will vary from one area to another, depending upon the mineral content present in that area and how much water has been distilled.

For cleaning we suggest that you use our industrial grade cleaner called Lumen No. 2 (which may be purchased through your distributor), or a cleaner of your choice. **DO NOT USE AN ABRASIVE CLEANER OR STEEL WOOL CLEANING PADS.**

NOTE: DO NOT CLEAN THE OUTSIDE OF YOUR UNIT WITH ALCOHOL AS IT WILL RUB OFF THE PRINTING ON THE DECALS.

NOTE: 1. For cleaning the Midi-D used as manual fill unit and Midi Still stop here and go to page entitled "Cleaning of Manual Fill Units".

2. For cleaning Midi-D waterline hookup unit, proceed with the following directions.

1. Turn "OFF" heating element and fan switch. Remove boiling tank lid.
2. Drain the boiling tank.
3. Turn timer knob left counterclockwise to "1 GALLON" position.
4. Rinse the boiling tank by pressing the momentary water switch.

5. Close drain valve and fill boiling tank half full of water by pressing momentary water switch.
6. Add cleaner. When Lumen No. 2 or another commercial cleaner is used, follow the directions on the package. (The amount of cleaner you use may need to be increased depending upon the kind and type of mineral deposits in your boiling tank.)
7. Mix well.
8. Fill boiling tank with water to the bottom of the water level gauge by pressing the momentary water switch.
9. Let solution stand overnight or until the mineral content softens. **UNDER NO CIRCUMSTANCES SHOULD THE CLEANING SOLUTIONS BE HEATED AND RUN THROUGH A STEAM STERILIZATION OR DISTILLATION CYCLE.**
10. The next morning drain and rinse the boiling tank thoroughly.
11. Be sure to refill the boiling tank with water to above the heating element before beginning to distill water again.
12. Turn "ON" heating element and fan switch.
13. Install boiling tank lid and tighten knob.
14. Turn "OFF" timer at this time. The distiller is now ready for your next distillation cycle.

CLEANING OF MANUAL FILL UNIT [MIDI AND MIDI-D USED AS MANUAL FILL UNIT]

1. Make sure the unit is turned "OFF" and disconnected from electrical wall outlet.
2. Remove boiling tank lid.
3. Drain boiling tank and rinse.
4. Fill boiling tank half full of water.
5. Add cleaner. When Lumen No. 2 or another commercial cleaner is used, follow the directions on the package. (The amount of cleaner you use may need to be increased depending upon the kind and type of mineral deposits in your boiling tank.)
6. Mix well.
7. Fill boiling tank with water to bottom of the water level gauge.
8. Let solution stand overnight or until the mineral content softens. **UNDER NO CIRCUMSTANCES SHOULD THE CLEANING SOLUTIONS BE HEATED AND RUN THROUGH A STEAM STERILIZATION OR DISTILLATION CYCLE.**
9. The next morning drain and rinse the boiling tank thoroughly.

10. Be sure to refill the boiling tank with water to water level gauge before beginning to distill water again.
11. Install boiling tank lid and tighten knob.
12. Plug unit back into electrical wall outlet.

TROUBLE SHOOTING

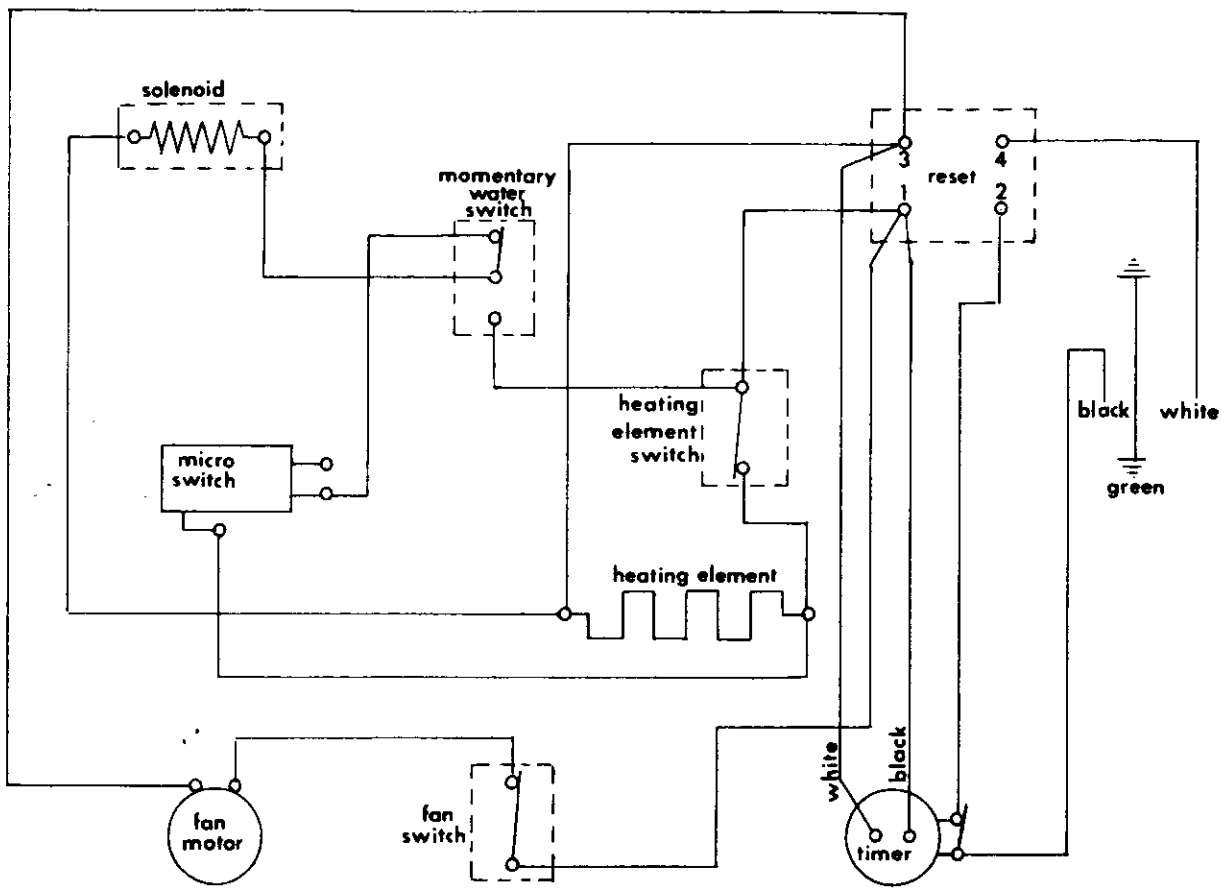
A. Should your unit not run, do the following:

1. Reset may have "kicked" off (Fig 3-16).
 - a. If unit is hot, allow to cool down. Cooling may be hastened by draining the boiling tank and refilling with cold water.
 - b. Fill with water to water level gauge—manual fill only. On direct waterline hookup, fill so that water covers heating element.
 - c. When the unit is cool, take a pencil, use the eraser end and push firmly against the reset button. Listen for a "click." If you do not hear a "click," it may be necessary to let the unit cool down a little longer. If no click is heard, the problem is not with the reset.
 2. Plug the unit in.
 3. Turn fan switch to "ON" position (Fig 3-15).
 4. Turn timer left, counterclockwise to the number of gallons you wish to produce (Fig 3-14).
 5. Should the above fail, check to make sure you have power to the electrical wall outlet. A good check for this is to take an appliance or lamp you know works and plug it into the wall outlet.
- B. Should it ever be necessary for you to install parts, always disconnect the unit from the electrical wall outlet.**
- C. Do not use an extension cord.**
- D. This machine, like all electrical appliances, should be properly grounded.**
- E. Should a leak appear where the condensing coil and condensing coil extension tube are joined together, this is not a defect in the machine; but rather an indication of a low spot somewhere in the coil, or at the condensing coil extension tube. To correct this problem, place the extension tube on the condensing coil as for normal use and push down on the end of the extension tube which will in turn raise the back of the coil. There must be gravity or downward flow from where the condensing coil hooks to the boiling tank to where the distilled water is collected.**

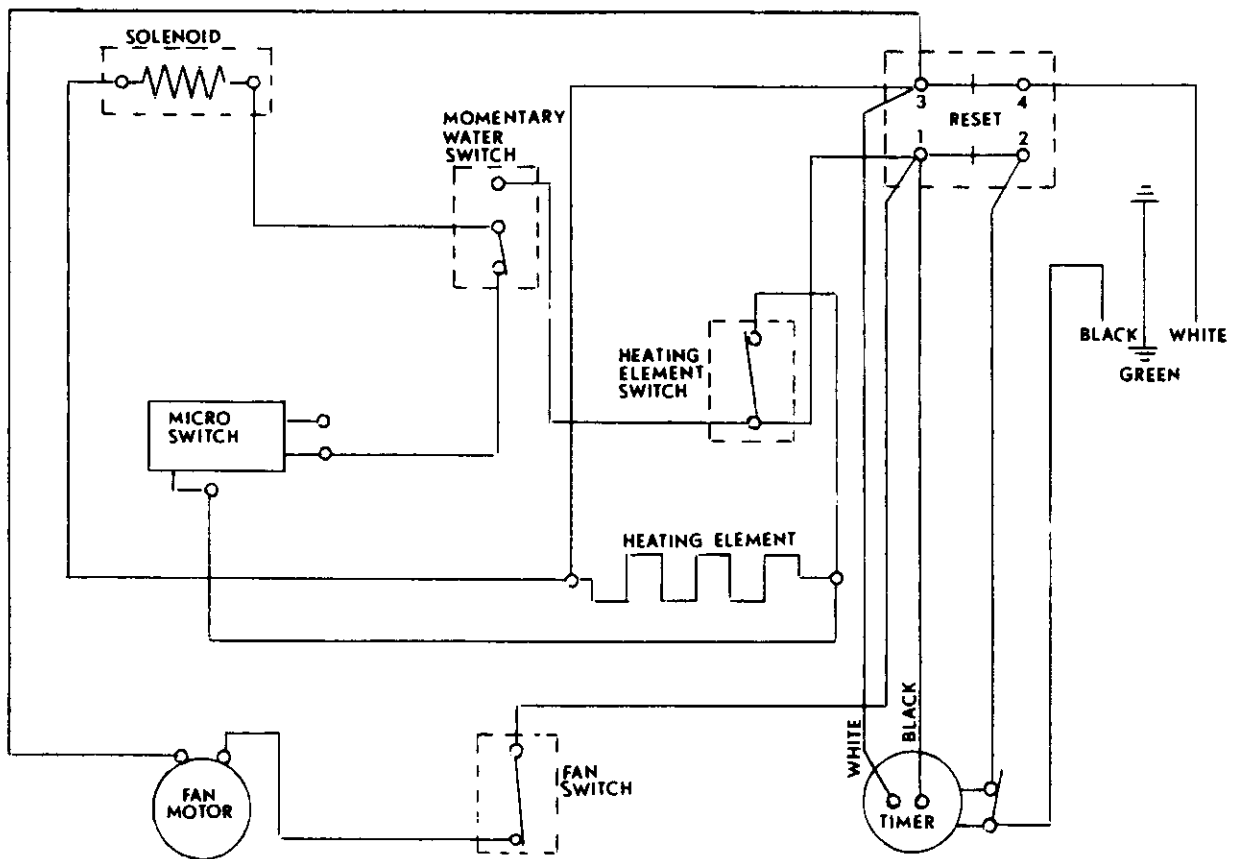
HOW TO ORDER REPAIR PARTS

When ordering repair parts, always give the following information: Part number, Part name, Model number, Serial number.

<u>KEY NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>
1	611	Boiling tank drain extension tube with fittings
2	517	Condensing coil extension tube
3	509	Bottle hook
5	8010	Midi leg
6	9560	Strainer
7	9550	¼" Plastic nut
8	9514	Saddle tapping valve
9	9526	¼" O.D. water line tubing
10	9508	R-17 drain valve
14	3518	Timer assembly
15	7052	Fan switch
16	7039	Reset
18	607	Condensing coil with fittings
19	7010	Fan blade
20	3505	Fan motor
21	7222	Solenoid water valve
22	7023	Heating element 1000 Watts
23	7201	Micro switch
24	609	Actuating arm with set screws
33	7227	Momentary water switch
34	7228	Heating element switch
	3506	Power cord
	519	Lid disc
	8001	Lid knob
	6049	Crossbar gasket
	402	Lid crossbar with stud
	604	Float "O" Ring kit
	614	Short float rod assembly with "O" ring kit
	68	Bib washer (for boiling tank drain valve)



Midi Still—D With Momentary Water Switch Wiring Diagram Made By Carling



MIDI STILL—D WIRING DIAGRAM USING SWITCHES MADE BY ARROW HART

MIDI STILL WIRING DIAGRAM

