

## DIRECTIONS

For Use Of

M5 AQUA-STILL

(Please Follow Carefully)

This unit has been test-run at the factory in order to inspect its parts and assembly. The user is encouraged to sterilize this unit prior to its regular use. See directions below for steam sterilizing. Be sure the storage tank for catching the distilled water has been thoroughly washed and rinsed well.

### DISTILLING CYCLE

1. Assemble unit (see Diagram A for assembly).
2. Fill tank to bottom of water level gauge.
3. Fasten lid making sure it is in proper groove.
4. Plug cord into electric outlet.
5. Set timer by turning dial to the left to the stop.
6. Push reset button.
7. Turn on condensing fan.
8. Collect distilled water.

### STEAM STERILIZING CYCLE

Follow above directions through step 7 and then turn off fan. This will allow the steam to pass through the condensing coils and sterilize the unit.

**CAUTION:** Do not plug the unit into electrical outlet unless water in tank is of proper depth. (To do so would shorten the life of the heating element unnecessarily.)

### DISTILLING CYCLE DIRECTIONS

1. Fill tank with water you wish to distill up to bottom of water level gauge and fasten lid. Filling water above bottom of level gauge may allow undistilled water to flow into condensing coils and out into user's container. Do Not Overfill. If warm water is used, it will take less time for distillation.
2. This unit should be operated in a spot away from other heat sources. The lower the temperature of the room, the better for distillation.
3. Plug M5 Aqua-Still cord into 115 volt AC single phase electrical outlet. Push reset button to start machine. Reset button should have been pushed in at the factory. (During distillation, the fan switch must be in the ON position so that the condensing fan will run.) The unit will shut off in about 4 hours. Refill with water and reset timer by turning dial to the left up to the stop point.

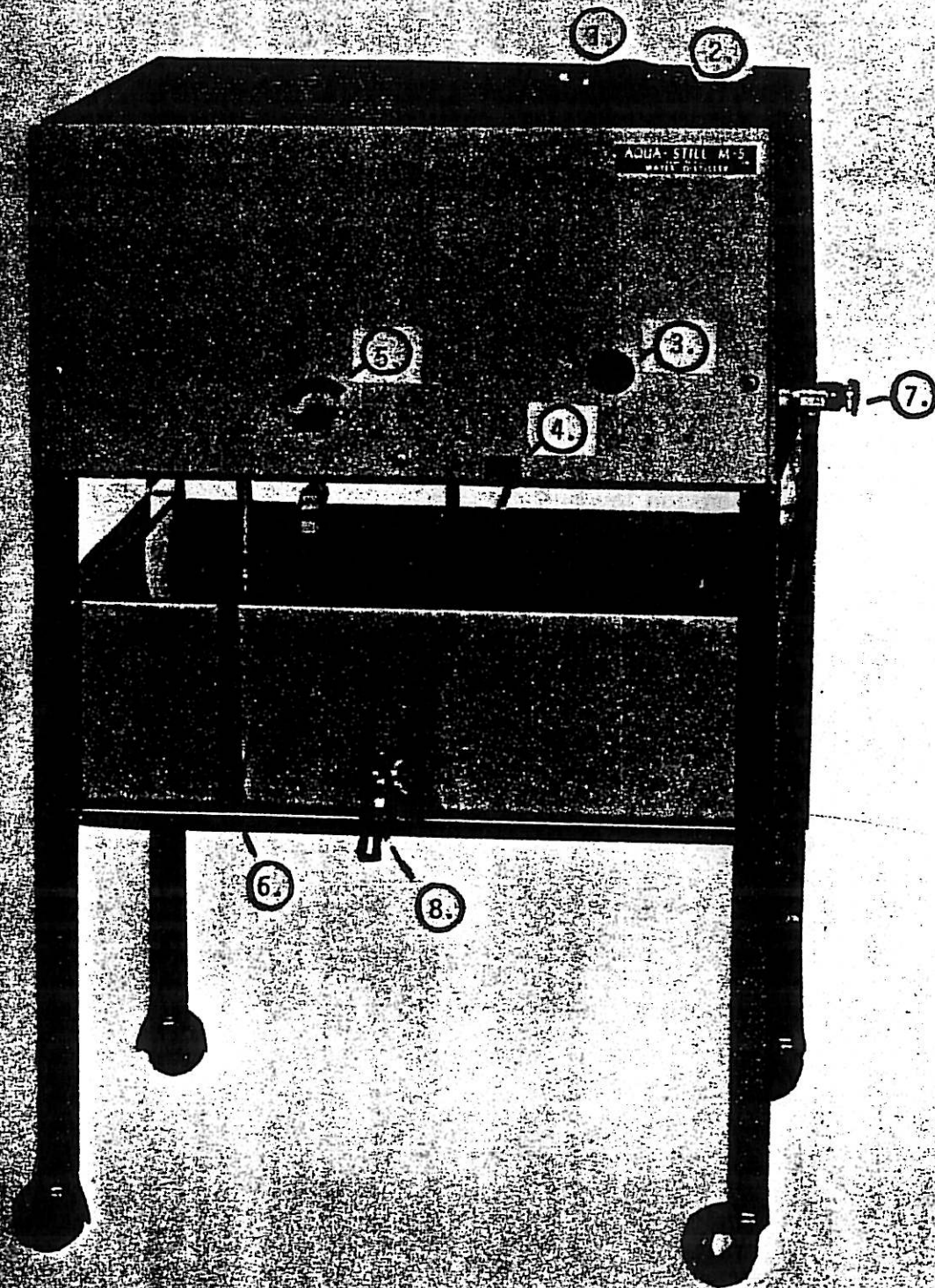
4. Should the Aqua-Still become overheated, it will shut off automatically. To restart, let the machine cool down to operating temperature, then fill with water. Reset button must be pressed firmly to restart the machine if it becomes overheated. In order to speed up the restart, the tank may be drained and refilled with cool water.
5. Although the mineral build-up will vary with each area, the Aqua-Still tank should be drained periodically--possibly after every third run. The drain valve on the outside of the tank end of the unit is used for this purpose only. Make certain the heating element is free of mineral build-up as this could shorten the life of the element.

CAUTION:

1. This machine, like all electrical appliances, should be grounded.
2. Do not use an extension cord.
3. A three prong plug to two prong adapter is provided. (This is for outlets not wired for three prong grounded plug.) When using this adapter the short lead must be grounded.

1. Vent Tube
2. Distilled Water Outlet Tube
3. Left Side Frame
4. Coaster
5. Distilled Water Storage Tank Drain Valve
6. Bottom Cross Brace
7. Retaining Nuts
8. Right Side Frame
9. Boiling Tank Extension Drain Tube
10. Back Cross Brace
11. Distilled Water Storage Tank
12. Distiller
  - A. Assemble (6) bottom cross brace and (10) back cross brace to (3) left side frame. Fasten in place with (7) retaining nuts.
  - B. Slide (11) distilled water storage tank into frame assembly. Make sure drain valve is in front.
  - C. Assemble (8) right side frame onto (11) storage tank with pre-assembled left side frame, back cross brace and bottom cross brace. Fasten with retaining nuts.
  - D. Assemble (5) drain valve onto (11) storage tank.
  - E. Assemble (1) vent tube onto (11) storage tank. Slip vent tube into 90° adapter located on top and in the rear of storage tank. Tighten nut.
  - F. The Aqua-Still M-5 is equipped with short legs at the base of the distiller. These short legs are to be inserted into the top of the square pipe legs of the left and right frame.
  - G. Assemble (2) distilled water outlet tube into (11) storage tank. Slip Outlet tube into the straight adapter. Tighten nut.
  - H. Assemble (9) boiling tank extension drain tube into boiling tank drain valve. Slip tube into drain valve. Tighten nut.

# AQUA-STILL M-5 OPERATING DIRECTIONS



1. Fill water up to level gauge.

2. Replace lid--make sure lid is fit in proper groove or steam will escape.

3. Be sure reset button is pushed in.

4. Fan is on.

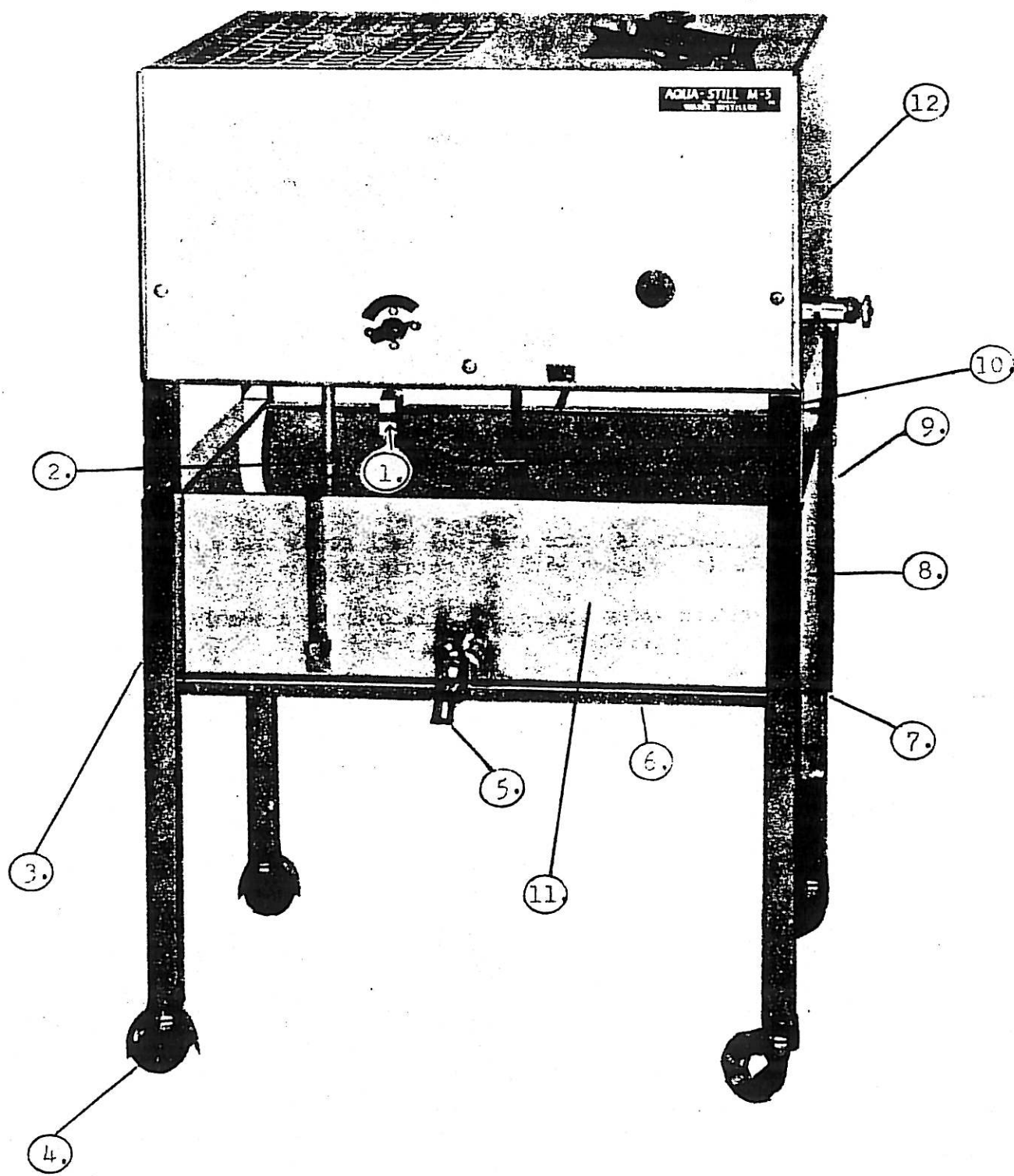
5. Turn timer to left.

6. Storage tank level gauge.

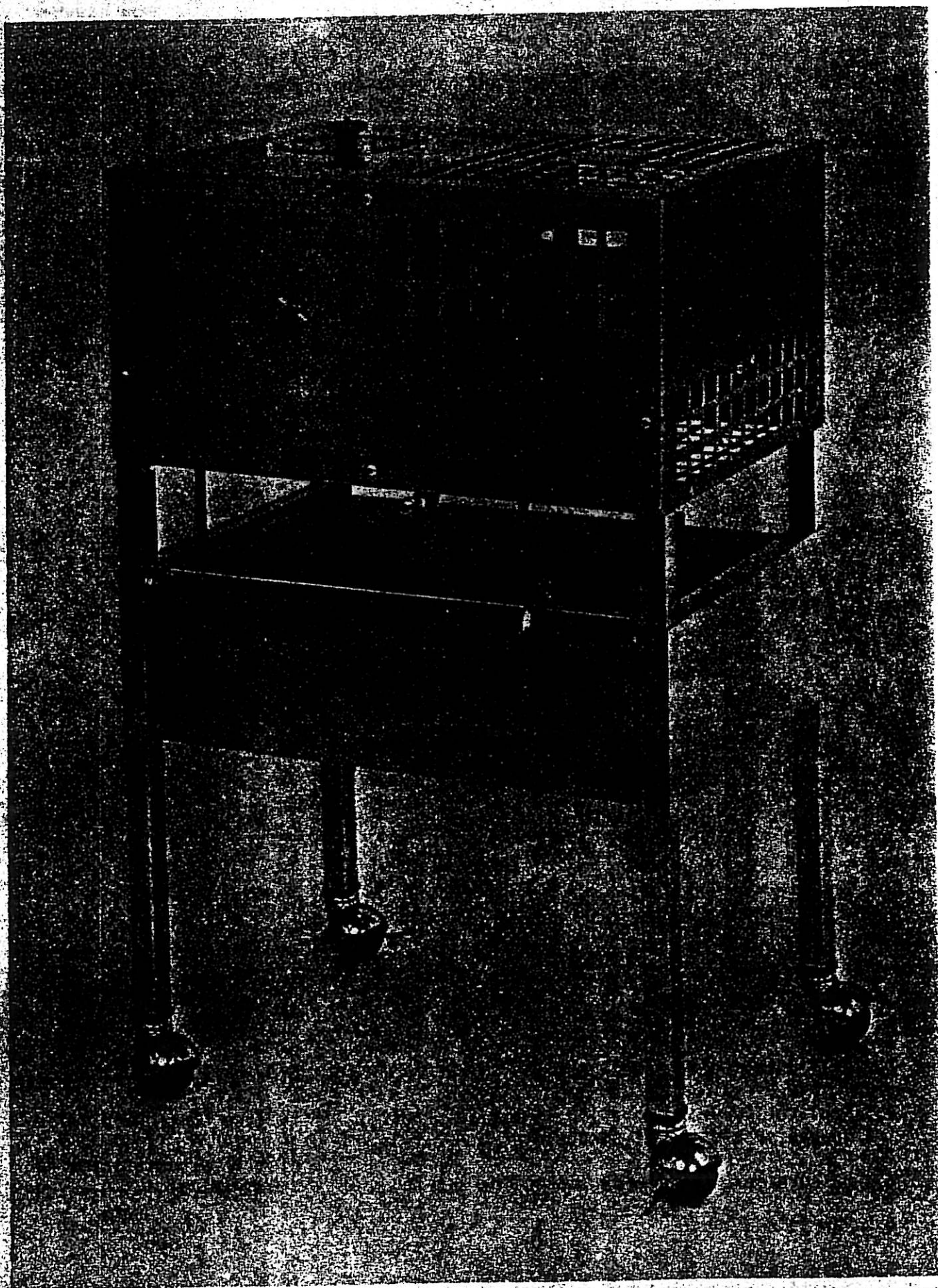
7. Boiling tank drain valve.

8. Distill water storage tank drain valve.

# AQUA-STILL M-5 ASSEMBLY DIRECTIONS

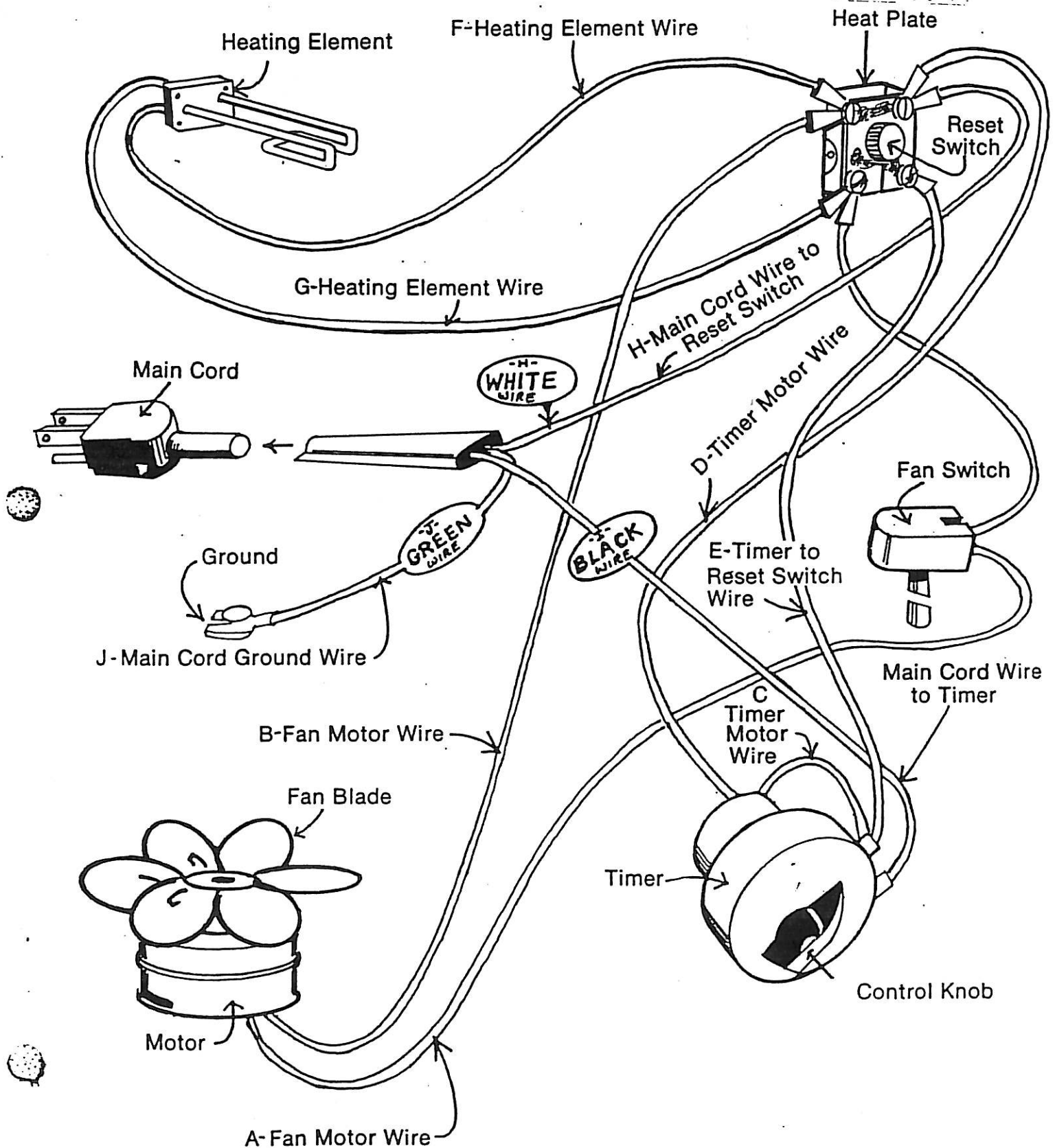






# Parts & Wiring Diagram

m-5



M5 - Aqua Still Parts List

<u>Part #</u>	<u>Description</u>	
<u>Price</u>		
628	Bib washer	—
636	Cap nuts (4 pak)	—
641	Castors (set of 4) w/ inserts	—
606	Condensing coil w/ fittings	—
4032	Condensing coil extension tube	—
6010	Cover gasket, boiling tank	—
9508	Drain valve, side	—
95	Drain valve, bottom	—
518	Drain valve extension tube	—
639	Fan blade w/ fastener	—
653	Fan motor w/ blade & conn.	—
642	Fan switch, plastic	—
71	Fan switch, toggle style	—
617	Faucet, Tomlinson - Storage Tank	—
<del>4508</del>	<del>H-frame, 5-gallon tank - 1 side</del>	—
4780	H-frame, 10-gallon tank - 1 side	—
634	Heating element w/ gasket & clamp	—
605	Level guage, plastic - Storage Tank	—
409	Lid complete	—
610 <sup>B</sup>	Lid knob w/gasket, washer & o ring	—
402 <sup>B</sup>	Lid crossbar w/stud	—
601	Reset	—
638	Screws, sheetmetal (12 pak)	—
637	Speed clips (12 pak)	—
640	Timer w/ conn.	—