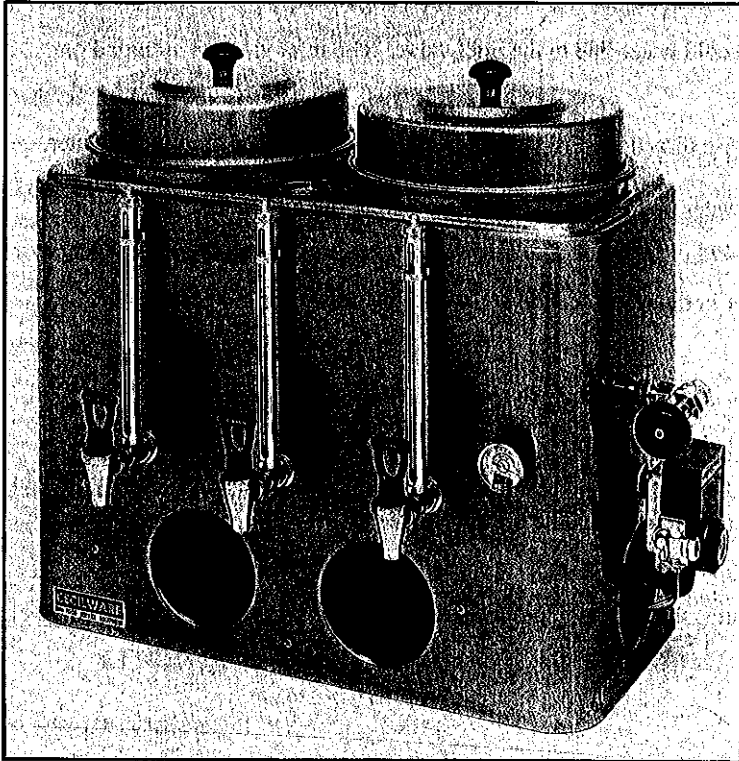




MANUAL POUR-OVER COFFEE URNS



OPERATION MANUAL

- MPO-3
- MPO-6
- MPO-303
- MPO-606

ELECTRICAL DATA:

Model No.	Watts	Volts	Phase	Hz
MPO-606	7KW	240V	1 or 3	50/60
	5.3KW	208V		
MPO-303	5KW	240V	1 or 3	50/60
MPO-6	3.8KW	208V	1 or 3	50/60
MPO-3	3KW	240V	1 or 3	50/60
	2.3KW	208V		

The Model MPO-9912 is a commercial manually operated urn which consists of one or more thermostatically controlled heating element assemblies housed, except for terminals, within the main water compartment. The bottoms of the two brewing containers extend down into the main water compartment. The water level is maintained by a manually controlled water inlet valve.

Models MPO-606 and MPO-303 are identical in construction as Model MPO-9912, except for physical size and wattage.

Models MPO-6 and MPO-3 are similar in construction to the MPO-9912, except that they have only one brewing chamber and less wattage.

Cecilware sells value... Worldwide.

43-05 20th Avenue, Long Island City, NY 11105

• 718-932-1414
FAX: • 718-932-7860



" HOW TO MAKE GOOD COFFEE "

INSTRUCTIONS FOR THE OPERATION AND MAINTENANCE OF COFFEE URNS.

IMPORTANT: Do not turn the heating unit on until water has been placed in the water section of the urn.

1. Install the coffee urn in its proper place and connect a cold water line to the inlet valve. The inlet valve is mounted on the right side of the urn.
2. Open the Inlet Valve by turning it in a counter clockwise direction. Fill the water section with desired amount of water.
3. Turn the heating unit to its high position to bring the water up to its brewing temperature. The dial thermometer will show the brew area.
4. When the dial thermometer registers "brew", the water in the water section is ready to be drawn for the brewing of coffee.
5. Place an urn bag (freshly rinsed in cold water) into the griddles riser which rests on top of the urn liner. Spread the proper quantity of coffee, according to the formula being used so that it forms a level bed at the bottom of the riser. Then pour water (at brewing temperature) over the coffee grounds, a gallon at a time, replacing the cover between each pouring. Remove the griddle riser from the urn after the final pouring has dripped through, to prevent the possible extraction of bitter substances. After the riser has been removed, mix the brewed coffee by drawing off one gallon and pour it back into the urn.

NOTE: The above instructions apply to single urns. In twin urns, the operation described above is the same, and can be used on either side alternately.

CLEANING:

It is essential that the coffee urn be cleansed thoroughly at the end of each working day. The stainless steel liner should be thoroughly washed with a soft brush, using hot water. One tablespoon of bicarbonate to each gallon of hot water is sufficient. There are many makes of urn cleaners on the market, anyone of which can be used satisfactorily. Gauge glasses should be cleaned with a hard bristle brush. Faucets should be taken apart and cleaned properly.

MAINTENANCE TIPS

FOR QUALIFIED SERVICE TECHNICIANS ONLY

CAUTION: Disconnect Power before any electrical repairs

Water Fails To Heat:

- Check line fuses.
- Pilot light should be ON when the thermostat is in the ON position. If the pilot light is ON, we can assume the thermostat is operating properly; however, the wiring or heater may be at fault.

Replacing Heater:

1. Shut off electrical power and disconnect water supply.
2. Drain water from urn.
3. Remove right gauge glass and faucet.
4. Lift out liner from urn body.
5. Tilt urn and remove electrical connections to heater from underneath.
6. Remove socket head screw and heater flange and lift the heater out.
7. Install new heater and assemble other components in reverse order.
8. Repeat priming instructions.

Thermostat:

1. Check line fuses.
2. Be sure thermostat is in the ON position. If pilot light fails to come on,, thermostat is most likely at fault.
3. Tilt urn and check wiring underneath before removing the thermostat. If wiring seems to be in good condition, proceed as follows:
 - Remove thermostat knob and remove two screws.
 - Lift out thermostat and disconnect electrical wires to thermostat.
 - Unscrew packing nut and pull out thermostat bulb from bottom of urn.
 - Install new thermostat.

Thermostat Adjustment:

To adjust the temperature of the water in the urn (206°F), turn the thermostat knob to its maximum clockwise position. Remove the knob by pulling it toward you. A small adjusting screw will be visible in the center of the shaft. Insert a small screwdriver in the center of the shaft and observe the temperature on the dial thermometer. When the indicator of the thermometer approaches the "W" in the word BREW, slowly rotate the screw clockwise until the pilot light on the thermostat goes off. Turning the screw clockwise lowers the temperature and, conversely, turning counter-clockwise raises it.

Procedure for Lighting or Relighting:

1. Turn GAS COCK HANDLE to OFF position, and DIAL ASSEMBLY to lowest temperature position.
2. Wait sufficient length of time to allow gas which may have accumulated in burner compartment to escape.
3. Turn GAS COCK HANDLE to "Pilot" position.
4. Fully depress SET button, and light pilot burner. (Adjust, if necessary, as noted under "Pilot Burner Adjustment.")
5. Allow pilot to burn approximately ½ minute before releasing SET button. If pilot does not remain ignited, repeat procedure allowing longer period before releasing SET button.
6. Turn GAS COCK HANDLE to ON position and turn DIAL ASSEMBLY to desired position. The main burner will then ignite.

Pilot Burner Adjustment:

1. Remove pilot adjustment cap. Adjust pilot key, allowing flame to completely envelop the end $\frac{3}{8}$ " of the Thermocouple.
2. Adjust pilot burner air shutter (if provided) to obtain a soft blue flame.

Main Burner Adjustment (Gas Input):

1. To adjust main burner flame, turn screw under GAS COCK HANDLE in either direction to regulate flow of gas to main burner.

To Recalibrate Thermostat:

1. Allow heater to sit without the burner on for at least 30 minutes to allow the water temperature within the tank to reach its equilibrium point.
2. Turn the DIAL ASSEMBLY until the main burner ignites.
3. Slowly turn the DIAL ASSEMBLY until the main burner is extinguished.
4. Place a Thermometer in the hot water flowing from the nearest faucet. If the DIAL ASSEMBLY setting is within 10° of the water temperature, recalibration is not necessary. If the temperature variation exceeds 10°, proceed as follows to recalibrate:
 - Remove DIAL ASSEMBLY GAS COCK HANDLE and ORNAMENTAL COVER, (to remove cover, unsnap at base, lift out and up), and loosen (do not remove) screw.
 - Hold STOP while screw is loosened, taking care not to move TEMPERATURE ADJUSTING SCREW.
 - Hold TEMPERATURE ADJUSTING SCREW and turn STOP until water temperature setting coincides with that of the thermometer.
 - Hold TEMPERATURE ADJUSTING SCREW and STOP and tighten screw.
 - Replace ORNAMENTAL COVER, GAS COCK HANDLE, and DIAL ASSEMBLY.

Thermocouple Connection:

Poor contact between the Thermocouple Lead and the Magnet Assembly may cause the Valve to be inoperative even when the pilot is properly adjusted and positioned; if so, the contact points should be cleaned and tightened. This is accomplished by removing the Thermocouple and carefully cleaning the parts that make contact with the Magnet Assembly.

CAUTION: When reassembling and tightening the Thermocouple Nut, only a small (3" or 4") wrench is necessary. Run nut down as far as possible with the fingers. Set lock washer by making an additional ¼ to ½ turn with the wrench.

PARTS LIST

<u>ITEM</u>	<u>STOCK NO.</u>
<u>3 GALLON SQUARE URNS</u>	
10¼" Gauge Glass only - Coffee	X004A
10¼" Gauge Glass with Shield - Coffee	D020A
Shank only	D021A
<u>FOR SHUTOFF SHANKS</u>	
9½" Gauge Glass only - Water	X005A
9½" Gauge Glass with Shield - Water	D001A
Shutoff Shank only	D022A
<u>5 and 6 GALLON URNS</u>	
15½" Gauge Glass only - Coffee and Water	X003A
15½" Gauge Glass with Shield - Coffee and Water	D018A
Shank only	D021A
Shutoff Shank only	D022A
Electric Thermostat D1	L029T
Gas Thermostat	L024A
Steam Thermostat 15-50 psi	L003A
Angle Union Inlet Valve	D006A
Central Self-Closing Inlet Valve	D012A
Dial Thermometer "Brew"	L007T
Cover Knob Complete	M027T
UV Gas Valve	F008A
Valve Seat for Angle Union Valve	X023A
Washer Kit for Shields	X012A
Gas Burner (for Single Urns only)	G052A
Gas Burner (for Twin Urns only)	G090A
Steam Thermostat 0-15 psi	L000A
Water Compartment Vent Cover	U019H
Budget Urn Cover Complete	Q023Q
# 10 Urn Bag	V063A
# 12 Urn Bag	V064A
# 14 Urn Bag	V065A
8¾" Urn Ring	V067A
10½" Urn Ring	V068A