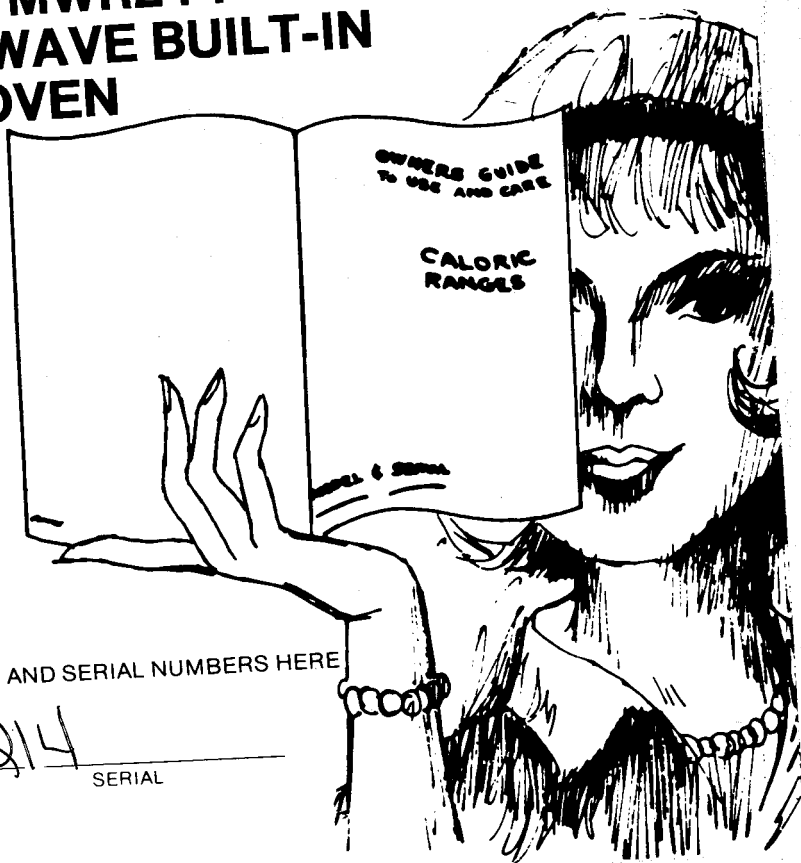


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**FREE
COOKBOOK
SAMPLER OFFER
INSIDE**

**OWNERS GUIDE
to use and care
MODEL MWR214
MICROWAVE BUILT-IN
WALL OVEN**



WRITE YOUR MODEL AND SERIAL NUMBERS HERE

MWR214

MODEL

SERIAL

64694R1

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UNCRATING AND PROPER USE OF YOUR MICROWAVE OVEN

The Caloric Microwave Oven is designed to give you long, safe and peak performance. However, as with all electrical appliance, there are some things that you must follow to avoid potential personal hazards and give you the performance you expect.

The MWR 214 can be installed in a wall cabinet, either by itself or over the following Caloric Models and using these Trim Kits: EXP244, Kit KMW-3 (24"); EXP254, Kit KMW-4, (27"); RWP/RXP, Kit KMW-3 (24").

Warning

These precautions should be read to avoid any possible exposure to microwave radiation or electrical shock.

1. Visual check after uncrating.

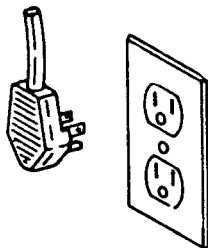
After the unit is uncrated all packing material must be removed from the oven cavity. Inspect the oven for any damage, such as misaligned door, damaged gasketing around the door, dents or holes in the screen in the door, dents inside the oven cavity or broken glass tray. Any dents or breakage should be reported to your Caloric Dealer immediately and the delivering carrier. Your Caloric Dealer will tell you if the unit will operate correctly.

2. Electrical Grounding Instructions.

Connect the oven to electrical power source. The Microwave Oven is designed to operate on 115 volt, 60 cycle current. It should be plugged into a 15 amp. circuit that does not have any other appliances or lights

on it. If a microwave oven is on a circuit with other appliances, cooking times can be increased and fuses can be blown.

This appliance is equipped with a three-prong (grounding) plug for your protection against possible shock hazards. Where a two-prong wall receptacle is encountered, it is the personal responsibility and obligation of the customer to contact a qualified electrician and have it replaced with a properly grounded three-prong wall receptacle in accordance with the National Electrical Code.



Three-prong grounding plug and receptacle

3. Check the operation of the start, and stop switches. The Microwave oven contains a Safety Interlock system that engages when the door is closed, and disengages when the door is opened. Starting the oven is done by pushing the Start switch. Stopping the oven is done by either opening the door or pushing the Stop button.

Here is how you may check the operation of the latch and interlocks:

1. Place a pyrex cup of water on the glass tray in the microwave oven, shut the door. Locate the following switches on the upper portion of the Ultramatic control panel.



2. Touch the pads with the "5" and the "0".

3. Press in the "START" button. The cooking light and fan should come on and the door will be locked.

4. Press the RED stop button. The oven will shut off immediately. The cooking light on the control panel will go off and the sound of the cooking fan will cease. The oven will also shut off if the door is opened or the timer runs out.

PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

(a) Do not attempt to operate this oven with the door open since open-door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlocks.

(b) Do not place any object between the oven front face and the door or allow soil or cleaner

HOW YOUR MICROWAVE

Conventional cooking depends on external heat.

When you cook in a conventional oven you normally pre-heat it. This heat slowly, over a period of time, penetrates in toward the center of the food and cooks it. When you cook food on the range top, you apply heat from an electric or gas source to cook the food. Both of these methods are cooking by conduction.



2. Touch the pads with the "5" and the "0".

3. Press in the "START" button. The cooking light and fan should come on and the door will be locked.

4. Press the RED stop button. The oven will shut off immediately. The cooking light on the control panel will go off and the sound of the cooking fan will cease. The oven will also shut off if the door is opened or the timer runs out.

5. Open the door fully and notice that the interior oven light is lit.
6. Touch the "Reset" pad and the time of day should appear in the clock display.



If under any of the preceding conditions the oven does not operate properly, do not use the unit. Call your Caloric Dealer or Caloric Authorized Service Agency.

7. Do not remove the outer oven case, door or control panel at any time, as you will be exposed to dangerous high voltages.

PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

(a) Do not attempt to operate this oven with the door open since open-door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlocks.

(b) Do not place any object between the oven front face and the door or allow soil or cleaner

residue to accumulate on sealing surfaces.

(c) Do not operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to the: (1) Door (bent), (2) hinges and latches (broken or loosened), (3) door seals and sealing surfaces.

(d) The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

HOW YOUR MICROWAVE OVEN WORKS

Conventional cooking depends on external heat.

When you cook in a conventional oven you normally pre-heat it. This heat slowly, over a period of time, penetrates in toward the center of the food and cooks it. When you cook food on the range top, you apply heat from an electric or gas source to cook the food. Both of these methods are cooking by conduction.

The Microwave Oven uses high energy, high frequency microwaves.

Microwaves are electromagnetic waves of energy, similar to radio, light and heat waves. The Caloric Microwave Oven operates on a frequency of 2,450 megahertz. These microwaves are similar to the waves sent out by your television station and radio station. The Federal Communications Commission limits or controls the design of the microwave

OPERATING YOUR MICRO-WAVE OVEN

Since the clock/timer is an integral part of microwave cooking, the first step is to always be certain the clock is set for the correct time of day.

1. To set the clock to the proper time of day:

A. Enter the time of day by touching the corresponding number pad in sequence.

EXAMPLE: 10:15 (a.m. or p.m.) touch 1, then 0, followed by 1 and ending the 5. Then touch the "CLOCK" pad twice. The clock is now set properly. If electrical power to the microwave oven is interrupted in any way, the clock must be reset as described above.

2. **RECAP:** Setting the clock.

A. Touch numbers in sequence: "1" - "0" - "1" - "5".

B. Touch "CLOCK" pad twice.

The microwave oven is now ready for use and you are familiar with the Do's and Don'ts for safe microwave operation.

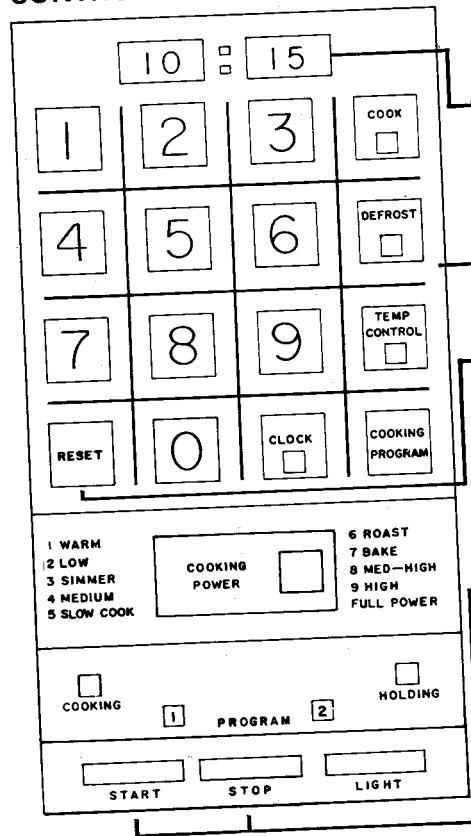
COOKING WITH FULL MICRO-WAVE POWER

Many cooking and reheating operations are fast, with excellent results at "Full Power". The following information deals only with operating your microwave oven at full power for a preselected time period.

NOTE: If at some time during your preparation to cook something in your microwave oven you should make a programming mistake, do one of the following:

- If the oven isn't operating, touch "RESET". This cancels all instructions and allows you to reprogram a cooking operation.
- If the oven is operating, touch "COOKING PROGRAM". This tells you, by observing which light is glowing, what is happening right now. If in doubt, push, "STOP" and then touch "RESET". This will erase all instructions and you can start again.

CONTROL PANEL ASSEMBLY



CLOCK/TIMER DISPLAY: Shows time of day until cooking time is programmed. Will then display and countdown cooking time.

NUMBERS: Used to set time of day and all cooking times.

RESET: Used to cancel all instructions programmed into control panel. Time of day is not effected by "RESET".

START/STOP BUTTONS:

START BUTTON: Used to begin operating oven after cooking time has been programmed.

STOP BUTTON: Push and all cooking ceases. If oven is operating, "STOP" button should be pushed to open door.

FULL POWER COOKING TEST:

A. Put a cup or glass of cold tap water into the microwave oven to absorb the microwave energy in the absence of a food "COOKING LOAD". Never operate your oven without a "COOKING LOAD" or damage to the magnetron (Cooking) tube may result.

B. Touch the "RESET" pad. Doing this each time prior to programming the board will clear any previous cooking instructions.

The control panel on your microwave oven looks like the oven shown above. We will begin using the microwave oven to cook on full power by activating controls outlined.

C. To program 50 seconds of cooking at full microwave power:

1. Touch "5" then "0". The display will show :50.
2. Push the "Start" Button. The "Clock/Timer Display" will begin to countdown to "0".
3. Red indicator lights will glow behind program "1" and "Cooking". These features will be discussed in detail later.
4. Also notice that a red light will be on in the middle of the "Cook" pad. This indicates that the microwave has been programmed to cook.
5. After the programmed cooking time has elapsed, an audible signal will be heard, the oven will cease operation and the door will be unlatched.

D. To program more than 1 minute of cooking at full power.

1. Touch "Reset".
2. Touch "1", "3", and "0" in sequence. The display will show 1:30, signifying 1 minute 30 seconds.

3. Watch the "Countdown". Notice the "readout" change from 1:00 to :59, signifying that the 30 seconds have elapsed and less than 1 minute remains on the timer. Remember, the first two digits of the readout indicate the number of minutes, the last two indicate remaining seconds.

4. Push the "Stop" Button and "Reset" pad to display time of day.

RECAP: COOKING WITH FULL MICROWAVE POWER

1. Touch "Reset".
2. Touch cooking time (to cook 3 minutes, 30 seconds, touch "3", then "3" and "0").
3. Push the "Start" button.

E. CHANGING A TIME ENTRY

1. If you should accidentally misprogram cooking time into the touch control, merely touch "Reset" and reprogram the desired time. If the oven is operating and you wish to reprogram, push the "Stop" button, touch the "Reset" and reprogram the desired time.

II COOKING WITH VARIABLE POWER/DEFROSTING

Now it's time to expand your cooking versatility by using lower power levels for cooking and the "Defrost" mode on your microwave oven.

You will touch additional pads to program these settings. Locate the following on the "Touch-N-Temp" Panel.



Must be touched to program the microwave oven to cook at less than "Full Power".



Touched to operate the "Defrost" cycle.



Touched to program desired cooking power level.

COOKING AT LESS THAN FULL POWER.

Some food cooks better at lower power or heat levels. This is true in both conventional cooking and in microwave cooking. The variable power feature allows you to simmer and roast some of the less tender cuts of meat; bring foods to a quick boil and continue to cook at a simmer; bake cakes evenly and with increased volume. In order to begin using the variable power feature, do the following test:

1. Place a cup of chocolate milk or cup of cold tap water into the microwave oven.
2. Touch the "Reset" pad to cancel any left over instructions.

3. Program 1 minute, 45 seconds cooking time by successively touching the 1, 4 and 5 pads.

4. Touch the "Cook" pad. This enters the time into the memory bank so additional variable power programming can be entered into the touch control.

5. Touch "8" to cook on "Med-Hi", then the "Cooking Power" pad. This programs cooking at variable power level 8 (Med-Hi) which is 80% of full power.

6. Push the "Start" button. This will now heat the oven contents for 1 minute 45 seconds at variable power level 8 (Med-Hi).

7. Notice the following conditions on the touch control panel:

a. The red light in the middle of the "Cook" pad is glowing, indicating that the oven has been programmed to cook at less than full microwave power.

b. The number "8" appears in the "Cooking Power" display, indicating a programming of 80% ("Med-Hi") microwave power level.

c. The "Cooking" light in the lower left control panel is flashing "On" and "Off", indicating that the magnetron tube is producing less than "Full On" power. The lower the variable power level chosen, the slower the "On" and "Off" cycle of the "Cooking" indicator. When "Full Power" is used the "Cooking" light glows steadily.

d. A red light behind "Program 1" at the bottom of the touch control is glowing, indicating the microwave oven is cooking in memory level 1.

The oven automatically cooks in "Program 1" before advancing to further cooking instructions programmed into "Program 2". This will be covered in detail later.

RECAP: COOKING AT LESS THAN FULL POWER

1. Touch "Reset" pad.
2. Touch cooking time, "1", "4", and "5" in this example.
3. Touch "Cook".
4. Touch "Variable Power Level" or "Cooking Power" desired. (Number "8" was used in this example for "Med-Hi" power).
5. Touch "Cooking Power" pad. The Number 8 should appear in the display.
6. Push the "Start" button.

CHANGING THE POWER LEVEL WHILE COOKING.

You may want to change the "Cooking Power" level while the oven is operating to prevent a boilover. To change the power level to a lower

setting, without stopping the oven, follow these steps:

1. Place a cup of **hot** tap water into the microwave oven.
2. Touch the "Reset" pad.
3. Touch 3 minutes (3, 0, then 0) into the touch control panel timer display.
4. Touch "Cook" to program the oven to cook in a "Cooking Power" level.
5. Touch "9", then "Power Cooking".
6. Push the "Light" button so you can see the water in the oven.
7. Push the "Start" button.

You will notice the red light in the middle of the "Cook" pad is on. A "9" appears in the "Cooking Power" display. This indicates the oven is cooking in variable power cooking level 9. The water will begin to boil during the cooking period. When it begins to boil, reduce the variable power cooking level by doing the following:

- a. Touch "2" then the "Cooking Power" pad. A "2" is now in the "Cooking Power" display. Notice water will remain hot but will not be boiling.

b. Touch "0" and "Cooking Power". This de-programs the "Variable Power" control and operates the oven on "Full On" power. The water will again begin to boil.

c. Press the "Stop" button. This will stop all cooking instantly.

4. Press "Reset" to erase any previous instructions or time settings.

RECAP: CHANGING THE POWER LEVEL WHILE COOKING.

1. Touch new "Cooking Power" level number. (To change from "6" to "3", press "3".)

2. Touch "Cooking Power" pad. New level will be displayed.

DEFROSTING:

Your microwave oven can be used to quickly defrost frozen food. Most foods are defrosted using the "Defrost" cycle. The "Defrost" cycle regulates the power output of the magnetron (Cooking) tube so that it is operating approximately 30% of the time. During the remaining 70% of "Off" time the heat generated while the oven was "On" is conducted to the interior of the food. This allows the food to be evenly de-

frosted, with little or no cooking on the exterior of the food.

DEFROSTING WITH YOUR MICROWAVE OVEN.

Let's test the "Defrost" operation by placing two ice cubes into a cup and placing the cup in the microwave oven.

1. Touch "Reset".

2. Touch 3 minutes 30 seconds into the timer by touching "3", "3", then "0" on the control panel.

3. Touch "Defrost".

4. Push the "Start" button and look at the control panel.

a. A red light glows below "Defrost" this assures you the microwave oven has been programmed correctly.

5. Some frozen foods defrost better with less microwave energy. When less energy is desired, program the microwave to operate on one of the lower "Variable Power" levels as described under "Cooking at Less than Full Power". (The "Defrost" pad is not used when using "Variable Power" cooking).

NOTE: Many foods, especially meats, need to be completely defrosted before cooking. If not completely thawed, cooking will be uneven. If ice crystals remain in the center of the meats, the exterior will be done, while the interior remains undercooked.

RECAP: DEFROSTING

1. Touch "Defrosting" time (3, 3, 0 in our example).
2. Touch "Defrost".
3. Push "Start" Button.

CHANGING COOKING TIMES OR DEFROSTING TIMES AFTER THE OVEN HAS STARTED.

To change time remaining for cooking or defrosting while the oven is operating, you merely touch in the new time desired. Try the following:

1. Place a cup of cold tap water into the microwave oven.
2. Enter 2:00 minutes into the timer.
3. Push the "Start" Button. The oven will operate on high power.
4. Now touch "1" and "0" and notice the time has changed to 10 seconds.
5. Push the "Stop" Button.
6. Touch 3:00 minutes into the timer and touch "Defrost". This will operate the "Defrost cycle" for 3 minutes.

7. Push the "Start" Button.
8. Now, touch 1:00 and "Defrost". Notice that the time changes to 1 minute and the red light in the "Defrost" pad remains lit.
9. Remember, to change "Defrost" or "Variable Power" times, you must touch the "Defrost" pad and "Cook" pad before any cooking times can be changed while the oven is operating.

RECAP: CHANGING COOKING OR DEFROSTING TIMES AFTER THE OVEN HAS STARTED.

1. Touch in new time.
2. a. If the oven was operating on "Full Power", it will continue to operate until the new time has elapsed.

b. If the oven was operating on a "Variable Power" selection, touch "Cook" after the new time has been entered.

c. If the oven was operating on "Defrost" touch the "Defrost" pad after the new time has been entered.

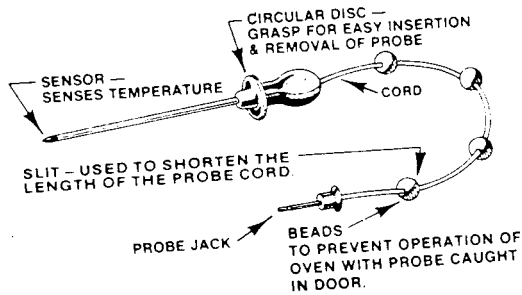
You now have the ability to cook at less than full power using the "Variable Power" feature on your microwave oven. In addition, you are able to defrost frozen foods for cooking by using the "Defrost" cycle. Remember, the "Defrost" cycle is "Automatic" and does not require stopping the oven to allow the generated heat to equalize throughout the food.

USING THE SELECTA-PROBE FEATURE

Your new Caloric microwave oven features an automatic temperature probe which cooks food to desired "doneness". It will also "Hold" that temperature until the food is removed from the oven.

DO'S AND DON'TS FOR THE TEMPERATURE PROBE

The temperature probe looks like this:



DO'S AND DON'TS

- A. Never use for a candy thermometer. The highest temperature the probe senses is 190° F., while most candies require 230° or higher.
- B. Insert probe as shown below, only in room temperature or thoroughly thawed foods. Solid or partially frozen foods may damage the sensor tip.



1. In meats — With tip of probe in thickest section, away from fat and bone.
 2. Casseroles and leftovers — With tip of probe in center of utensil, not touching bottom or sides.
 3. In liquids — With tip in center of liquid, not touching sides, or supported with utensils that are microwave oven safe.
- C. Be certain that the probe is securely inserted into the food. The cord can be looped and secured into the slit of the head above the probe jack. If the probe should fall out of the food, it will sense oven air temperature and overcook the food.
 - D. Use only heavy duty plastic wrap to cover dishes while cooking. Lighter plastics and plastic bags may melt as the food cooks.
 - E. Use a hot pad when removing the probe. Cooking temperature will heat it enough to cause burns.
 - F. Wash the probe end only with hot soapy water. Do not immerse the probe jack (plug) in water or wash in an automatic dishwasher.

- G. Store the probe safely outside the microwave oven. This will prevent damage and possible misuse.
- H. Never use foil when cooking with the temperature probe. It may cause arcing resulting in component damage.
- I. Never attempt to operate the oven if the temperature probe or any part of it is caught in the oven door.
- J. If you plan to use the temperature probe to cook frozen foods, prepare the food:
 1. Insert a clean, rigid, plastic drinking straw into the exact location the probe will be placed, in the center of the food, away from fat or bone.
 2. Clip the straw even with the surface of the food and then wrap and freeze as usual.
 3. When you want to cook the food, insert the probe into the straw until the food is defrosted.
 4. Remove the straw, reinsert the probe and cook to desired temperature. **CAUTION:** You may need a hot pad to remove the probe immediately after use, to prevent burns.

Food must be thoroughly thawed before using the select-probe feature. If the temperature probe is inserted into partially frozen area, such as the center of a roast, the automatic temperature control system may turn the oven off shortly after it has started cooking.

When using the temperature probe to thaw foods which have been prepared with the plastic drinking straw, program your microwave oven to defrost, hold, then cook to temperature as described in Section III — Defrost and Hold — Cooking with Temperature Probe.

- K. Remember: For proper temperature probe operation, all food must be completely defrosted.
- L. Do not use the temperature probe when preparing more than one dish in the microwave oven at the same time. Different foods cook at different rates and end results may be unsatisfactory.

COOKING TO TEMPERATURE

Try the following:

1. Before using the temperature probe, wash it in hot soapy water. Never immerse the probe jack (plug-in end) in water. Rinse and dry.
2. Place a cup of cold water into the microwave oven.
3. Insert the probe jack into the receptacle located on the right side of the oven cavity.
4. Place the tip of the probe in the center of the cup.

5. Close the oven door and touch the "Reset" pad.
6. To program the end of final temperature, always use the middle digit of the temperature range the probe can "read". This range is from 110° - 190° in 10° increments.

FOR

- 110° - Touch "1"
- 120° - Touch "2"
- 130° - Touch "3"
- 140° - Touch "4"
- 150° - Touch "5"
- 160° - Touch "6"
- 170° - Touch "7"
- 180° - Touch "8"
- 190° - Touch "9"

For the experiment, touch "9", 190° degrees.

7. Touch "Temp Control" on the touch control panel. This programs the "Selecta-Probe" system to cook to and "Hold" at 190°.
8. Push the "Start" Button. (There is no need to program "Cooking Time Minutes" when cooking to temperature). The red "Cook" light is glowing steadily, indicating the microwave oven is operating on "Full Power". Also, the light in the "Temp Control" pad is lit.
9. Look at the far right side of the readout display which normally counts down as cooking time elapses. You will notice a "9" indicating that the "Selecta-Probe" system is programmed for 190°. On the left side of the same display,

you will see a "0". This represents the actual water temperature (at this time below 110° and thus the "0"). As the water heats the number on the left side will increase, corresponding to the middle digit of the temperature achieved. A "3" in the left display indicates the actual water temperature of 130°.

10. When the numbers on the left and right side of the display are the same, indicating that actual temperature (left digit) and programmed temperature (right digit) are achieved, a tone will sound to alert you that the food has reached temperature.
11. Push the "Stop" Button when you hear this tone. But, don't be concerned if you forget since the Selecta-Probe system will cycle the microwave energy "On" and "Off" to maintain the pre-selected temperature. You will learn more about this later.
12. Add coffee or tea to your 190° water and enjoy!

COOKING TO TEMPERATURE USING LESS THAN FULL MICROWAVE POWER

In the preceding example, you cooked to temperature (190°) using full power. You can also cook to temperature using a lower "Variable Power" level. For example, if you were heating milk for hot chocolate to 140°, you would set the controls as follows:

1. Touch "Reset".
2. Touch "4" (the middle digit of the final temperature).
3. Touch "Temp Control".
4. Touch "8" for "Med-Hi" cooking power level.
5. Touch "Cooking Power" to program the lower variable power level.

NOTE: Your microwave oven has a "Temp Probe Check System" that confirms the probe jack is firmly seated in the receptacle whenever "Temp Control" cooking is programmed.

If the probe jack is not properly seated or malfunctioning, a short tone will sound and the display will show the time of day when the "Temp Control" pad is touched.

Recheck the positioning of the probe jack and reprogram the oven to cook as desired. If the tone sounds again when the "Temp Control" pad is touched, contact your local Authorized Caloric Service Center. (See Before Calling For Service in the rear portion of this guide).

COOKING TO AND HOLDING AT A PRESELECTED TEMPERATURE

As mentioned earlier, when the pre-selected final temperature is reached

while cooking with the "Selecta-Probe System", a short tone sounds to alert you that cooking has been completed. However, if you are not present to push the "Stop button, the oven will automatically cycle microwave energy "On" and "Off" to maintain the final temperature.

TRY THIS!

Suppose you want to hold a liquid at 140°.

1. Put a cup of cold tap water into the microwave oven.
2. Insert the probe jack into the probe receptacle and the tip of the probe into the center of the cup.
3. Close the door and touch "Reset".
4. Touch "4" (the center digit of the final, 140° temperature).
5. Touch "Temp Control".
6. Push the "Start" button.
7. The microwave oven will heat the water with full microwave power until the digit on the left side of the display matches the "4" on the right side. The tone will sound indicating the 140° temperature has been reached. At this point the red "Cook" light will go out, indicating no additional microwave energy is needed. The oven is now in the "holding" status.

8. Notice the number on the left side of the display fluctuates between "3" and "4". As the temperature of the liquid drops below 140°, the "Cook" light will glow, indicating microwave energy is being applied to maintain the 140° temperature.

NOTE: Cooked food should be held at 140° F. or above to prevent growth of bacteria and production of toxins.

RECAP: HOLDING AT TEMPERATURE

1. Insert probe into food and oven receptacle.
2. Touch "Reset".
3. Touch middle digit of final desired "holding" temperature. To hold at 150°, touch "5".
4. Touch "Temp Control". If less power is desired, touch "Variable Power" level number then "Cooking Power".
5. Push "Start" button.
6. When tone sounds, allow oven to automatically "hold" at 150°, or push the "Stop" button.

CHANGING PROGRAMMED TEMPERATURE AFTER OVEN IS OPERATING

1. Touch middle digit of new desired temperature. ("5" to change to 150°).

2. Touch "Temp Control".

NOTE: If you change to a new temperature before the original temperature is reached, the tone will sound when the new temperature is reached. If the oven is already "holding" the original temperature, the tone will not sound when the new temperature is reached unless you push the "Stop" button, "Reset", and reprogram for the new temperature.

USING THE TEMPERATURE PROBE AS A THERMOMETER

To use the temperature probe as a thermometer, do the following:

1. Place hot tap water into a glass and set in the oven.
2. Touch "Reset".
3. Insert the temperature probe into the glass and the temperature probe jack into the receptacle. Close door.
4. Touch the "Temp Control" pad. The number on the left side of the display is the actual water temperature. If a "2" appears, your water temperature is 120° F. If a "0" appears, the water temperature is less than 110°.

RECAP: USING THE TEMPERATURE PROBE AS A THERMOMETER

1. Insert tip of probe into food and jack of probe into receptacle.

2. Touch "Reset".
3. Touch "Temp Control".
4. Look at left side of display for actual temperature reading.

You can now "Cook to Temperature", "Cook to Temperature and Hold", and use your temperature probe like a thermometer.

THINGS TO REMEMBER ABOUT YOUR TEMPERATURE PROBE

1. Always unplug the probe from the oven receptacle when done cooking or not in use.
2. Wash the probe in hot, sudsy water. Do not immerse the jack in water or wash it in a dishwasher. Rinse and dry thoroughly.
3. Store the probe in a safe place outside the oven.

III PROGRAMMED COOKING

Your microwave oven is capable of being programmed through 2 cooking cycles without any additional instructions being entered after the initial cooking program is completed. Some examples of 2 step programming are as follows:

1. "Defrost and Hold" followed by "Cooking" on full microwave power or any one of the nine "Variable Power Cooking" levels.
2. "Defrost and Hold"; then "Cook" at either full microwave power or

at one of the nine variable powers, using the "Temp Control".

3. "Cooking" at one "Variable Power" level and then finishing the cooking at a different "Variable Power" cooking level.
4. Cooking by "Time" at any variable power cooking level and then using the "Temp Control" to "Hold" a temperature on cook to a desired degree of doneness.

Programming 2 step cooking is really quite simple. You are using all of the controls and touch pads you used earlier to program 1 step cooking.

The new oven pad you will use in 2 step cooking is the "Cooking Program" pad. This is touched to enable you to program the second set of cooking instructions and to review what has been programmed into step 1 and step 2 before starting the cooking process. If the oven is already operating and you wish to know what has been programmed, do the following:

- A. Push the "Stop" button.
- B. Touch the "Cooking Program" pad — this will return the display to "Time of day".
- C. Touch the "Cooking Program" pad a second time and the instructions programmed for program 1 will be displayed.

D. Touch the "Cooking Program" pad a third time and the instructions programmed into the second program will be displayed.

Let's try each of the four, 2 step cooking procedures. Remember, just as in 1 step cooking, always program the amount of time or "Cooking Power" level prior to touching a function pad. Also, when "Defrost" is used in program 1, it is always followed by a "Holding" time equal to the "Defrost" time. If a 3 minute 30 second "Defrost" is programmed first followed by "Cooking" at full microwave power, the microwave oven will "Defrost" for 3 minutes, 30 seconds, hold for 3 minutes, 30 seconds, and then change into program 2 to cook at full power.

1. Defrost - Hold - Cook by time.

a. Put a glass or cup of cold water into the microwave oven and close door.

b. Touch "Reset".

c. Set oven to "Defrost" 1 minute by touching 1:00 and "Defrost".

d. Touch "Cooking Program" to advance to program 2. Notice the display is blank and the red light in "Defrost" is no longer on. Also, program 1 light is on and program 2 light is flashing. This means that

the oven is programmed to function in program 1 and is waiting for instructions for program 2.

e. Touch instructions for program 2. You want to cook at full power for 30 seconds.

f. Touch "3" and "0".

g. Touch "Cook". You must touch the function pad whenever you are giving instructions for more than 1 cooking program.

h. Check your programming by touching "Cooking Program" three times.

1st Touch - time of day is displayed and the lights for program 1 and program 2 will be on, telling you the oven has been given instructions for 2 cooking programs.

2nd Touch - 1 minute appears in the display and the red light is on in "Defrost" also, the red light for program 1 is flashing. This means, that in program 1, the oven will "Defrost" for 1 minute.

3rd Touch - program 2 light is flashing. This means the instructions for program 2 are being displayed. The red light in the "Cook" pad is on the 30 seconds appears in the display.

i. Push the "Start" button and watch the oven operate in "Defrost" for 1 minute. When the defrosting time is complete, the "Holding" light will light and the "Cook" light will go off. The display will count down 1 minute and "Holding" time (The "Holding" time is always equal to "Defrosting" time in 2 program cooking).

j. After 1 minute of automatic "Holding", the microwave oven will automatically change to program 2 and "Cook" at full power for 30 seconds.

2. Defrost - Hold - Cook by temperature.

a. Place a glass or cup of cold water into the microwave oven.

b. Insert the temperature probe jack into the receptacle.

c. Place the tip of the probe into the center of the glass.

d. Close the oven door and touch the "Reset" pad.

e. The first program will be to "Defrost" for 15 seconds. Touch "1", then "5" and the "Defrost" pad.

f. Touch "Cooking Program" and advance to program 2.

g. Now we want to heat the water to 140° at "Variable Power" level 8.

h. Touch "4" to program the "Selecta Probe" system to cook to 140°, touch the "Temp Control" pad.

i. Touch "8" and then "Cooking Power" to cook on "Variable Power" 8, Med-Hi.

j. Touch the "Cooking Program" pad three times to check the programming. First touch will display "Time of Day". Second touch will show what is in program 1. Third touch will show what is in program 2.

k. Push "Start" button and notice the oven will "Defrost and Hold" for 15 seconds, then automatically advance to program 2 and cook to 140° using "Variable Power" level 8.

3. Cooking at 2 power levels.

For this test we want to cook on full power for 9 seconds and then in program 2, cook on "Variable Power" level 5 for 15 seconds.

a. Place a cup or glass of cold water into the microwave oven and close the door.

b. Touch "Reset".

c. Touch in 9 seconds of cooking at full power.

d. Touch "Cook" (you must touch the function pad, even when cooking at full power, when using more than 1 cooking program).

e. Touch "Cooking Program" pad.

f. Program the second set of instructions: Touch 1, then 5 for 15 seconds and then "Cook" pad.

g. Touch "5" and then the "Cooking Power" pad to cook at "Variable Power" level 5 (slow cook).

h. Touch the "Cooking Program" three times in succession to be sure the microwave is programmed correctly.

i. Push the "Start" button. The oven will cook at full power for 9 seconds in program 1 and then change to program 2 and cook at "Variable Power" level 5 for 15 seconds.

4. COOKING BY TIME – COOKING BY TEMPERATURE

For this test, you will cook at "Variable Power" level 9 for 20 seconds in program 1 and then cook to 140° (Temp Control) at "Variable Power" level 6.

a. Place a cup or glass of cold water into the microwave oven.

b. Insert the probe jack into the receptacle and the tip of the probe in the center of the cup or glass.

c. Close the oven door and touch "Reset".

d. Cooking program 1: Touch "2", then "0". Touch "Cook". Touch

"9". Touch "Cooking Power" pad.

e. Touch "Cooking Program" pad to advance to program 2.

f. Cooking program 2: Touch "4". Touch "Temp Control". Touch "6". Touch "Cooking Power".

g. Push the "Start" button. The oven will cook on "Variable Power" level 9 for 20 seconds and then advance to program 2 and cook to 140° using "Variable Power" level 6.

h. Push "Stop" and then "Reset".

RECAP: 2 STEP COOKING

1. Touch all pads for program 1. Remember, touch numbers before functions.

2. Touch "Cooking Program" to advance to program 2.

3. Touch all pads for program 2. Again, numbers before functions.

4. To check programs, touch "Cooking Program" three times in succession.

5. Remember to touch "Cook" pad whenever more than one cooking program is used.

CHANGING INSTRUCTIONS DURING 2 STEP COOKING WHILE OVEN IS IN OPERATION.

1. To change program 1 while cooking in program 1.

- a. Merely touch in new instructions, touching numbers before functions.
- 2. To change program 2 while cooking in program 1.
 - a. Push "Stop" button.
 - b. Touch "Cooking Program" to advance to program 2.
 - c. Enter new instructions, touching numbers before functions.
 - d. Push "Start" button and the microwave oven will resume cooking in program 1.

IV TONE ALERT

Your new microwave oven is so versatile, it will even alert you to programming errors. This alert, a short tone, sounds under two conditions:

- a. When using "Temp Control" cooking on program 1, your microwave oven will not accept instructions for program 2, since "Temp Control" cooking takes food to the selected temperature and then "holds" the food at that temperature until the oven is stopped.
- b. When you attempt to program a "Defrost" cycle into program 2. Normally, you defrost and then cook. Therefore, it is illogical to attempt to defrost in program 2.

TRY THE FOLLOWING TEST:

Program the oven to cook and hold at 120° in program 1. Put a cup of water into the microwave oven. Plug probe jack into the receptacle and place the top of the probe into the center of the cup. Close the door and program as follows:

Touch "Reset", Touch "2", then "Temp Control" Touch "Cooking" program.

Notice the short tone as you touched "Cooking Program". The oven will not advance to program 2. Notice also, that the instructions for program 1 are still displayed because they are valid. Push "Start" and the oven will heat the water to 120° and hold it at the temperature until you push the "Stop" button. Push "Stop" button and "Reset".

Now, let's try programming a "Defrost" cycle into program 2.

Place a cup of cold water into the microwave oven. Close the door and touch "Reset".

Touch "1", "0" and then "0". Touch "Cook", Touch "Cooking Program" pad to advance to program 2. Touch "3" and "0", Touch "Defrost".

The tone sounded when you touched "Defrost" and the display went blank. Program 1 light is on and program 2 light is flashing this means

program 1 is properly programmed and program 2 is waiting to be programmed with information that can be accepted.

RECAP: TO AVOID THE ALERT TONE

- a. When "Temp Control" cooking is used in program 1, do not attempt to program instructions into program 2.
- b. Do not attempt to use "Defrost" in program 2.

V "TOTAL RECALL" FEATURE

There are many things your microwave oven can tell you prior to and during cooking operations. It can display time of day, indicate the actual temperature of a product being heated using "Temp Control" cooking and indicate what has been programmed in cooking program 1 or cooking program 2.

TRY THE FOLLOWING TEST:

1. Place a glass of hot tap water into the microwave oven.
2. Plug the probe jack into the receptacle and place the tip into the center of the glass containing water.
3. Close the door and touch "Reset".

4. Program the following instructions.

- a. Defrost 1 minute in cooking program 1.
- b. Cook to and hold at 140° using "Variable Power" level 5.

To do this programming, do the following: Touch 1:00 and then "Defrost".

Touch "Cooking Program" to advance to program 2. Touch "4" then "Temp Control". Touch "5" then "Cooking Power".

Suppose you would now like to know the temperature of the water in the glass prior to starting the cooking. Merely touch "Temp Control" and a number will appear on the left side of the readout display. This indicates the actual water temperature. Remember, only the middle digit is shown. A "3" signifies 130°, while a "0" indicates the temperature is less than 110°.

Touching the "Cooking Program" three times successively will tell you what is programmed for cooking program 1, cooking program 2 and also display the time of day. To find the time of day while the oven is operating, merely touch "Clock". To return the display to the cooking operation, touch "Cooking Program".

Be sure to give the COMPLETE model and serial number data when ordering replacement parts or when calling for service.

APPLIANCE MAINTENANCE AGREEMENT

Caloric offers an appliance maintenance agreement which makes it possible to protect yourself against future unexpected investments in functional replacement components and related labor costs on your product after the expiration of your existing new product warranty. The protection provided by this plan goes into effect the day that your original warranty expires or when your payment is processed. You can have month of peace of mind for only pennies a day.

Write today (indicating model number, serial number, and the date the product was purchased) for an application for a Caloric Appliance Maintenance Agreement.

FULL ONE-YEAR WARRANTY ON ALL PARTS EXTENDED FULL FOUR-YEAR WARRANTY ON MAGNETRON TUBE

FULL ONE-YEAR WARRANTY ON ALL PARTS

Caloric warrants all PARTS of this Caloric appliance against defects in material and workmanship for a period of one (1) year from the date of initial delivery of the appliance, during which period Caloric will repair or replace such PARTS and furnish necessary LABOR in connection with such repair or replacement, at no cost to the purchaser. Any such repair or replacement shall carry the same warranty for the unexpired balance of the one (1) year period.

EXTENDED FULL FOUR-YEAR WARRANTY ON MAGNETRON TUBE

Caloric warrants the MAGNETRON TUBE in this Caloric appliance against defects in material and workmanship for a period of five (5) years from the date of initial delivery of the appliance. Caloric will repair or replace such MAGNETRON TUBE and furnish necessary LABOR in connection with any such repair or replacement, at no cost to the purchaser. Any such repair or replacement shall carry the same warranty for the unexpired balance of the five (5) year period.

WARRANTY SERVICE

The selling dealer, builder, or utility from whom this appliance was purchased is responsible for advising the purchaser how and from whom warranty service is available. Replacement parts under the terms of this warranty must be furnished by a franchised Caloric dealer or authorized Caloric service agency.

OWNERSHIP

The FULL ONE-YEAR WARRANTY ON ALL PARTS, EXTENDED FULL FOUR-YEAR WARRANTY ON MAGNETRON TUBE continues in force even if the appliance is relocated by the first or subsequent purchaser(s).

WARRANTY CONDITIONS

Caloric's FULL ONE-YEAR WARRANTY ON ALL PARTS, EXTENDED FULL FOUR-YEAR WARRANTY ON MAGNETRON TUBE, AND EXTENDED LIMITED FOUR-YEAR WARRANTY ON FUNCTIONAL PARTS DO NOT apply to any appliance which has been subjected to alteration, misuse, abuse, accident, improper installation, delivery damage, or other than normal household use and service. OPERATING THE MICROWAVE OVEN ON INCORRECT ELECTRICAL VOLTAGE AND WHEN EMPTY, OR USING METAL UTENSILS IN THE OVEN WILL BE CONSTRUED AS APPLIANCE MISUSE AND ABUSE.

Caloric's EXTENDED LIMITED FOUR-YEAR WARRANTY ON FUNCTIONAL PARTS DOES NOT apply to the trim and appearance parts, glass parts, light bulbs or fluorescent lamps, knobs plated or painted surfaces, decorative finishes, and normal deterioration of finishes, bright metal and other trim.

Caloric's FULL ONE-YEAR WARRANTY ON ALL PARTS, EXTENDED FULL FOUR-YEAR WARRANTY ON MAGNETRON TUBE, AND EXTENDED LIMITED FOUR-YEAR WARRANTY ON FUNCTIONAL PARTS are LIMITED STRICTLY to the terms indicated herein, and no other expressed warranties or remedies thereunder shall be binding on us. TO THE EXTENT CONSISTENT WITH STATE AND FEDERAL LAWS: (1) ANY IMPLIED WARRANTIES SHALL BE LIMITED TO THE SAME TIME PERIODS STATED HEREIN FOR CALORIC'S EXPRESSED WARRANTIES, AND (2) CALORIC SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES UNDER ANY EXPRESSED OR IMPLIED WARRANTIES RELATING TO THE CALORIC APPLIANCE.

Caloric's warranty obligation on appliances located outside the contiguous 48 U. S. states and the District of Columbia shall be LIMITED STRICTLY to furnishing replacement parts and shall EXCLUDE service labor.

FEDERAL REGULATORY PROVISIONS

Some states do not allow limitations or exclusions of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state, as well as rights under Federal Laws.

PURCHASER'S RESPONSIBILITIES

The purchaser will be responsible for the costs of any service requested to demonstrate or confirm the proper operation of the appliance, to correct an improper installation that the purchaser may have performed, or to correct malfunctions in the appliance created by operation of the appliance in a manner not prescribed by or cautioned against, in the Caloric Use and Care Instructions. The purchaser will also be responsible for the costs of any service calls and replacement parts not covered by the terms of Caloric's EXTENDED LIMITED FOUR-YEAR WARRANTY ON FUNCTIONAL PARTS.

PURCHASER REGISTRATION CARD

THE SELLING DEALER, BUILDER, OR UTILITY IS REQUIRED BY GOVERNMENT REGULATIONS TO REGISTER WITH CALORIC OR TO PRESERVE THEIR OWN RECORDS OF ALL FIRST PURCHASES OF MICROWAVE OVENS FOR PURPOSES OTHER THAN RESALE. To ensure that Caloric obtains information enabling it to identify the location of the total appliance for service and other related purposes, we URGE you to return the PURCHASE REGISTRATION CARD included in your Owner's Manual. Your warranty rights are not conditioned upon the return of the Purchaser Registration Card.

MODEL AND SERIAL NUMBERS

The appliance model number and serial number can be found on a nameplate attached to the appliance. The purchaser should always use the model number and serial number when talking to or writing to the dealer, builder, or utility from whom this appliance was purchased, the local authorized service agency, or Caloric.

FACTORY ASSISTANCE

If the purchaser is unable to locate an authorized service agency, or if the purchaser does not receive satisfaction from the source from whom the appliance was purchased, or from the local servicing dealer or agency, write to: Caloric Corporation, Consumer Relations Department, Topton, Pennsylvania 19562, or call AC 215-682-4211.