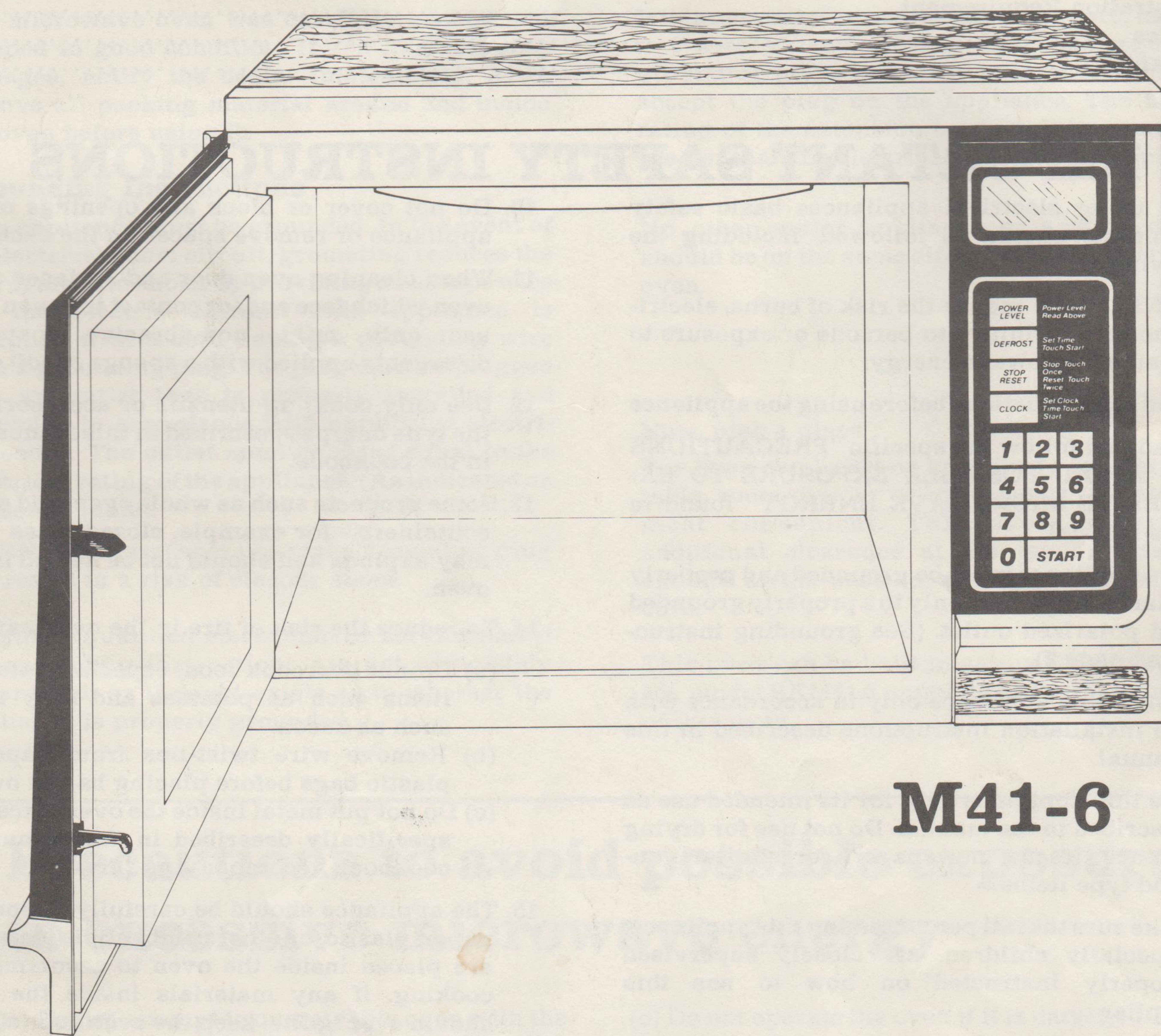


Care & Use. How to keep your oven at its best.



M41-6



Magic Chef.

601-0111

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IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances basic safety precautions should be followed, including the following:

WARNING - To reduce the risk of burns, electrical shock, fire, injury to persons or exposure to excessive microwave energy:

1. Read all instructions before using the appliance
2. Read and follow the specific "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY" found in this manual.
3. This appliance must be grounded and properly polarized. Connect only to a properly grounded and polarized outlet. (See grounding instructions page 2).
4. Install this appliance only in accordance with the installation instructions described in this manual.
5. Use this appliance only for its intended use as described in the manual. Do not use for drying clothes, linens, newspapers, or similar non-food type items.
6. Make sure that all persons using this appliance, especially children, are closely supervised properly instructed on how to use this appliance.
7. Do not operate this appliance if it has a damaged cord or plug, if it's not working properly, or if it has been damaged or dropped.
8. Do not attempt to service or repair this appliance. This appliance should be serviced only by qualified service personnel. Contact nearest authorized service facility for examination, repair or replacement.
9. Do not store items on top of this appliance if there are louvers on the top.

10. Do not cover or block any openings on the appliance or remove spacer on the back.
11. When cleaning oven door and surfaces of the oven which face and/or contact the oven door, use only mild, non-abrasive soaps or detergents applied with a sponge or soft cloth.
12. Use only cooking utensils or accessories of the type or types described in this manual and in the cookbook.
13. Some products such as whole eggs, and sealed containers - for example, closed glass jars may explode and should not be heated in this oven.
14. To reduce the risk of fire in the oven cavity:
 - (a) Do not overcook food, especially starchy items such as potatoes and fatty items such as bacon.
 - (b) Remove wire twist-ties from paper or plastic bags before placing bag in oven.
 - (c) Do not put metal inside the oven, except as specifically described in the manual or cookbook accompanying this oven.
15. The appliance should be carefully attended if paper, plastic, or other combustible materials are placed inside the oven to accommodate cooking. If any materials inside the oven should ever ignite, keep the oven door closed, and disconnect the power cord or shut off power at the fuse or circuit breaker panel.
16. Do not use outdoors.
17. Do not immerse cord or plug in water.
18. Keep cord away from heated surfaces.
19. Do not let cord hang over edge of table or counter.

SAVE THESE INSTRUCTIONS

Bringing The New Microwave Oven Home

First, look it over.

The microwave oven was carefully packed and shipped in good condition. If you find shipping damages, notify the dealer immediately. Also, remove all packing material around and inside the oven before using it.

Grounding Instructions

This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with applicable electrical codes. The outlet must be rated equal to the electrical rating of the appliance. (As indicated on the serial plate).

WARNING - Improper use of the grounding plug can result in a risk of electric shock.

Consult a qualified electrician or serviceman if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded.

If it is necessary to use an extension cord, use only a 3-wire extension cord that has a 3-blade grounding plug, and a 3-slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord shall be equal to or greater than the electrical rating of the appliance.

No other major appliance or heating devices should be on the same circuit with the microwave oven.

Now, pick a place.

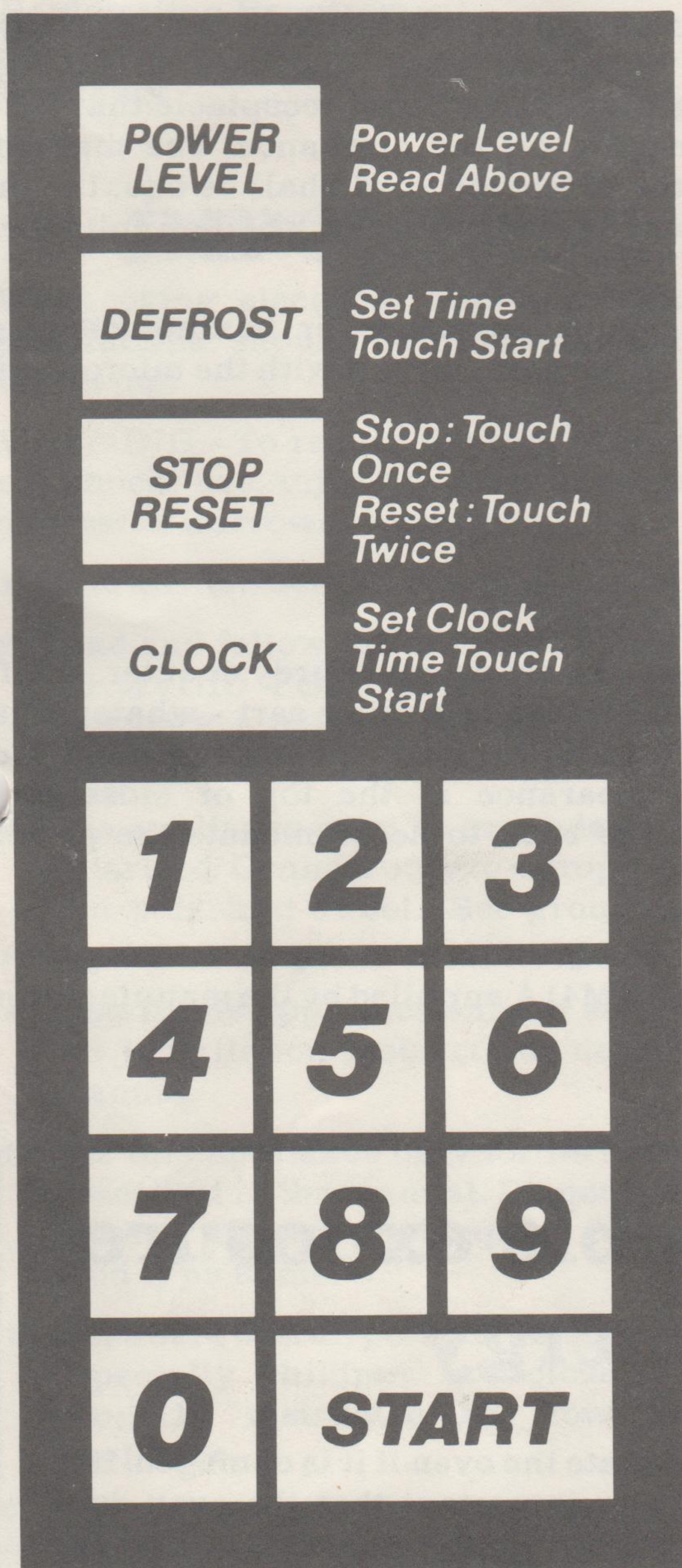
The oven can be set on any sturdy counter, shelf, table, room divider or rolling cart - whatever is most convenient. This oven requires no additional clearance at the top or sides just enough at the back to accommodate the power cord.

This oven can be built in at any time using trim kit, model BKM41A supplied by the manufacturer of this oven.

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 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 closes properly, and that there is no damage to the: (1) door (bent); (2) hinges and latches (broken or loosened); (3) door seals and sealing surface.
- (d) The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

An Explanation Of The Function Pads On Your New Microwave Oven



DISPLAY

Shows time of day when not cooking. Display counts down cook time in minutes and seconds and/or cooking temp in degrees fahrenheit.

POWER LEVEL

POWER LEVEL

Touch to set desired heat or power level if other than HIGH. Example HIGH = 100% power, 9 = 90% power, 5 = 50% power, 0 = 0% power.

DEFROST

DEFROST

Presets power at 33% after entering desired defrost time, an equal amount of hold time is automatically programmed.

STOP RESET

STOP/RESET

Touch oven to stop cooking. Will hold time until started again. Touch twice to reset back to time of day.

CLOCK

CLOCK

Touch twice before entering digits to set or change time of day. Touch once to display time of day while cooking.

DIGITS

0 - 9 are for entering time of day in hours and minutes. Cook time in minutes and seconds and/or desired temperature in degrees fahrenheit.

START

START

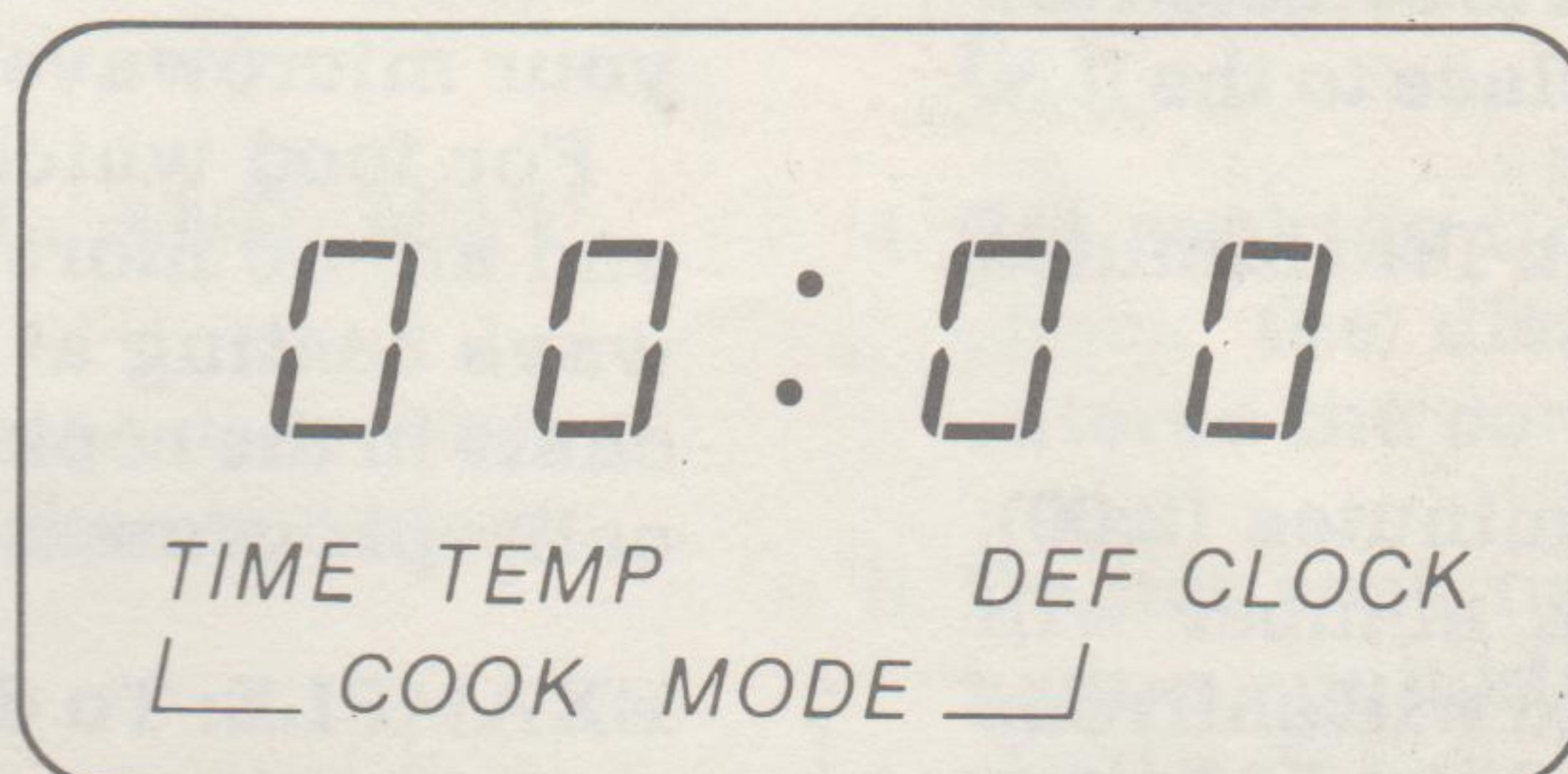
Press to start cooking function. When oven is not operating a press will start the oven after time has been programmed in.

How To Use Your Microwave Oven

It's time to set your oven clock.

The clock that's built into your microwave oven keeps track of the time of day in hours and minutes even when you are using the oven. Set the clock now following these directions.

1. Plug your oven cord into a grounded wall outlet. The Time/Temp display will flash.



2. Press the **CLOCK** pad **CLOCK** twice within 3 seconds. Pressing the pad twice tells the oven you are going to enter or change the clock time.

3. Press the proper number pads in sequence.
EXAMPLE: To set 5:00, press 5, then 0, then 0 again.

4. Press the **START** pad **START**. This starts the clock and stores the correct time of day continually, no matter what other information may appear in the Time/Temp display while you cook.

When there is no other information to be shown, the TIME/TEMP display automatically goes back to showing the correct time of day.

When you unplug the oven, the clock stops. When you plug it in again, the clock will flash 00:00. Set it to the correct time by repeating steps, 2, 3, and 4.

If you wish to know the time of day while cooking, press **CLOCK** once. The correct time of day will show on the Time/Temp display. The correct time of day will show for 3 seconds and then automatically go back to the updated cooking program.

When you use your microwave oven for cooking, the Time/Temp display will show a continuous countdown of the remaining cooking time in minutes and seconds.

With your Automatic Thermometer you can cook to temperature instead of time. And the Time/Temp display will show actual internal temperature of the food in degrees Fahrenheit.

YOU CANNOT RE-PROGRAM TIME WHEN THE OVEN IS COOKING - holding or counting down.

IMPORTANT - Remember to press clock twice within 3 seconds. Otherwise, when the digits are pressed cook time will be entered.

Regular Cooking With Your Microwave Oven

THESE ARE OPERATING INSTRUCTIONS ONLY - SEE YOUR COOKBOOK FOR SPECIFIC COOKING INSTRUCTIONS

Place food in oven and close door before programming.

Set Time and Power Level.

Select digits for desired cook time. When the first digit is pressed the indicator bar over time will light up. Press the desired cook time in sequence from left to right. As each new digit is selected the ones in the display will move one place to the left.

Remember, you set it like you say it. Two minutes is 2:00 not 1:20 for 120 seconds.

EXAMPLE: To set oven for two minutes (2:00), press 2, then press 0 twice. Each number will show on the Time/Temp display and will shift one position to the left as each new number is entered.

PRESS **2**
PRESS **0**
PRESS **0**

To select Power Level

The oven is always on HIGH unless programmed for another heat level. If you wish to cook on HIGH you need to do nothing except select time. To choose a heat level other than HIGH press

POWER
LEVEL

HIGH will appear in the two right hand places in the display indicating the oven is on HIGH. To select another level just press the desired number within 3 seconds 0-9 = 90% of power, 8 = 80%, 5 = 50%, 4 = 40%, 2 = 20%, etc. 0 = rest or no power; acts as a hold time or a count down timer. As the individual digit is pressed, the 2 digit percentage of power number will appear in the two right hand places in the display.

If you make a mistake it is easy to correct press RESET and start again.

DEFROST

One of the greatest conveniences of your microwave oven is defrosting. For the best results it is important to understand how microwave energy defrost food.

As the microwaves contact the outside portion of the food, energy is created which produces heat which is then conducted to the center of the food.

Defrosting is recommended at settings which cycle microwave power on and off. The off time allows heat to transfer to the center of the food before the outside overcooks.

Foods are best when they have been defrosted just to the point where a fork can be inserted, but still have some ice crystals remaining. Additional standing time before cooking is needed to complete the defrosting and to allow the food to equalize or even the temperature distribution throughout the food.

There are different ways you can defrost using your microwave oven.

For food which weighs no more than a pound, and are no more than 1½" to 2" in height, microwave heating at Defrost using the directions and chart in the cookbook. Standing time is automatically programmed.

EXAMPLE: To defrost a 1 pound Sirloin steak.

PRESS DEFROST

DEFROST

PRESS DIGITS for desired time 5:00

PRESS START

START

The indicator bar over defrost will flash and the time will count down. When 5 minutes is up the oven will beep twice and an equal amount of hold time (5:00) will appear in the display and start counting down. The indicator bar will stay steady on, indicating the microwave power is off.

Frozen foods larger than one pound or that are unevenly shaped, can be defrosted in one of two ways.

SPEED DEFROST

Figure the total defrosting time:

A 2-pound pot roast, total defrost time 9 minutes: Quickly defrost this, divide the total time by 3. Program the oven three times for equal time periods. The first at 70% power, the second at 50% power and the third at 30% power.

LARGE AND UNEVENLY SHAPED FOODS

These foods defrost better when the defrost time is divided in half and a standing time equal to the defrost time is allowed for in between the defrost periods.

EXAMPLE: A 4 pound Rump Roast: total defrost time 20 minutes.

Defrost 10 minutes, let time out, then set Defrost for 10 minutes again. Total time will be 40 minutes.

ADDITIONAL DEFROST TIPS:

- Unwrap frozen food from freezer wrap and place in dish or tray to catch juices while frosting, cover lightly to prevent drying.
- Puncture airtight wrappings and pouches to allow steam to escape freely.
- Check foods during defrost time, particularly foods which are unevenly shaped - turn if necessary.
- When freezing your own foods remember: Foods frozen in smaller portions defrost and cook faster and more evenly than large portions.

THESE THINGS ARE NORMAL AND MAY OCCUR IN YOUR OVEN.

1. Steam or vapor escaping around the door. This comes as foods cook and give off steam. This is a perfectly safe condition.
2. Moisture droplets inside the oven in the door, walls, or the floor after cooking some foods.
3. Dimming oven light and change in blower sound may occur while operating at power levels other than HIGH.
4. The top of the oven and the trim may feel hot to the touch. This happens as the hot moist air from the foods cooking is exhausted from the top of the oven.
5. Some TV - Radio interference might be noticed while using your microwave. This is similar to the interference caused by any other small appliance and does not indicate any type of problem.

TIPS FOR EFFICIENT USE OF THE MICROWAVE OVEN.

1. Do not store food, dishes or paper materials, such as cookbooks and literature, in the oven cavity.
2. Use only popcorn, popcorn packaging and/or a popcorn popper designed specifically for microwave cooking. Follow product directions exactly.
3. Microwave all food for times recommended in the cookbook. If necessary, add time at the end to complete cooking. As in conventional cooking, excessive cooking of any food can cause a fire.
4. Set cooking time carefully and always double check the display to insure that you have entered the correct time.
5. Do not cook or reheat eggs in the shell. Eggs heat so quickly that rapid pressure inside the shell can cause the eggs to explode.
6. Stir or pour liquids before heating in the microwave in order to incorporate air and prevent eruptions.
7. Pierce foods with heavy skins, such as potatoes and squash, before heating in the microwave oven. This allows built-up steam to escape and prevents explosion.
8. Pierce microwavable plastic bags and pouches before heating, also to prevent explosion.
9. Do not use containers with restricted openings, such as pop bottles or salad dressing bottles, as these types of containers are likely to break.
10. Use only those thermometers designated for the microwave oven. Do not use conventional meat and candy thermometers.
11. Avoid using paper products made from recycled paper. They can contain small bits of metal that can cause the paper to ignite.
12. When microwaving fresh pork products follow cookbook directions carefully to insure proper doneness. Microwave until no more pink color remains in the meat and the juices run clear. Observe proper standing time and check with meat thermometer to insure all places have reached at least 170°F.
13. IN CASE OF FIRE, TURN THE OVEN OFF. KEEP DOOR CLOSED AND FIRE WILL EXTINGUISH ITSELF.

Some Of These Questions May Arise While You Learn To Use Your Microwave Oven

Q: Can my microwave oven get turned on accidentally?

A: It's nearly impossible. Remember, it takes a minimum of three steps . . . in the right sequence . . . to start the cooking process.

Q: Even when I'm cleaning the MEMORY panel?

A: No. It won't respond to random button pushing with a cloth or sponge; not even with rubber gloves. It takes your fingertip touching controls in the proper sequence - and even then nothing happens till you touch START.

Even if you accidentally change the Time/Temp display, no cooking begins until START is touched in the proper sequence. Just touch RESET, and the time of day will show again.

Q: Is it safe to leave the Automatic Thermometer in the oven all the time, so it's handy?

A: No. Using the thermometer without food could cause arcing, which would damage the oven as well as the thermometer. When you finish using the Automatic Thermometer, take it out of the oven and leave it out until you need it again.

Q: If I want to delay the cooking process for awhile, do I have to take the partially - cooked food out of the oven and then reprogram to start cooking again?

A: Not for just a short period of time. Touch STOP . . . that will interrupt the cooking process until you touch START again. When you touch START, the cooking cycle will pick up exactly where it left off and continue till the cycle has been completed. For long delay periods where harmful bacterial growth could result, take the food out of the oven and refrigerate; reprogram when you're ready to finish cooking.

Q: Why doesn't my oven always cook as fast as the cookbook says it should?

A: Check with your cookbook again, to make sure you've followed directions exactly and to see what might cause variations in cooking time. Cookbook times and heat settings are suggestions chosen to help prevent overcooking. Undercooking is the most common problem in getting use to a microwave. Variations in the size, shape, weight and dimensions could require longer cooking time. Use your own judgement along with the cookbook suggestions to test doneness, just as you do with conventional cooking.

Q: Can I check the time of day while programming?

A: No. Only while cooking.

Q: While using my Automatic Thermometer, why does the display indicating temperature flicker, changing back and forth by 5 to 10 degrees?

A: The thermometer is very sensitive. It is sensing changes of heat currents in the food.

Q: Can I use foil or metal in my microwave?

A: Yes. When used as outlined in your cookbook, foil or metal containers present to particular problems. Care should always be exercised to keep any metal or foil at least an inch or more away from the sides, door, or top of the oven. If arcing occurs using foil or metal, cooking should be stopped immediately and the container or item re-positioned to eliminate arcing.

Q: I am cooking with the Automatic Thermometer and the oven goes into immediately HOLD.

A: The Automatic Thermometer may be broken or shorted.

Q: Can I damage my microwave oven if I operate it empty?

A: The oven has been safety engineered to prevent damage when operated empty. But you'd be wasting energy, and it would serve no logical purpose. You can't see the microwaves ... only the wonderful cooking they do.

Q: Is it dangerous to look in the oven window while food is cooking?

A: No. You can look through it just like you can look through a conventional oven window.

Q: Should some food containers get hot in the microwave oven?

A: Yes, because the heat from the food inside is warming them; or because you're using a container that absorbs microwave energy. See your cookbook.

Q: What should I do if the interior light doesn't come on, but the oven cooks normally?

A: Check to see if the lightbulb is burned out. See directions below.

Q: What should I do if cooking won't start after the food is in the oven, and I've done all the programming steps?

- A:**
- (1) Make sure the door is closed and latched tightly.
 - (2) Check to see that the power cord is securely plugged into the wall outlet.
 - (3) Touch START ... just in case you forgot the first time.
 - (4) Touch RESET. Then feed all information into the oven again right from the beginning.
 - (5) Check the house fuse or circuit-breaker.
 - (6) Remove plug from wall socket and inspect for damage.

Q: The oven stopped and the time went back to 00:00. What happened to the program?

A: Line voltage may have dropped low enough to turn off the oven. Or, it may have been momentarily interrupted, such as during a storm. See page 4 to enter correct time and then reprogram.

Q: Can I use the microwave oven timer to time other things, while I'm not cooking?

A: Yes, press desired time. Next, touch POWER LEVEL, then 0, then START. You'll hear the 3 second tone, when the time is up.

Q: Can I use my microwave on an extension cord?

A: Yes, but it is not a recommended practice. Each foot of distance from the power source reduces the wattage available and consequently reduces oven performance. When the temporary use of an extension is mandatory, it must be three (3) wire grounded cord, and capable of carrying at least 20 amps if under 20 feet and 30 amps if over 20 feet.

Q: If I want to go back to HIGH. What do I do?

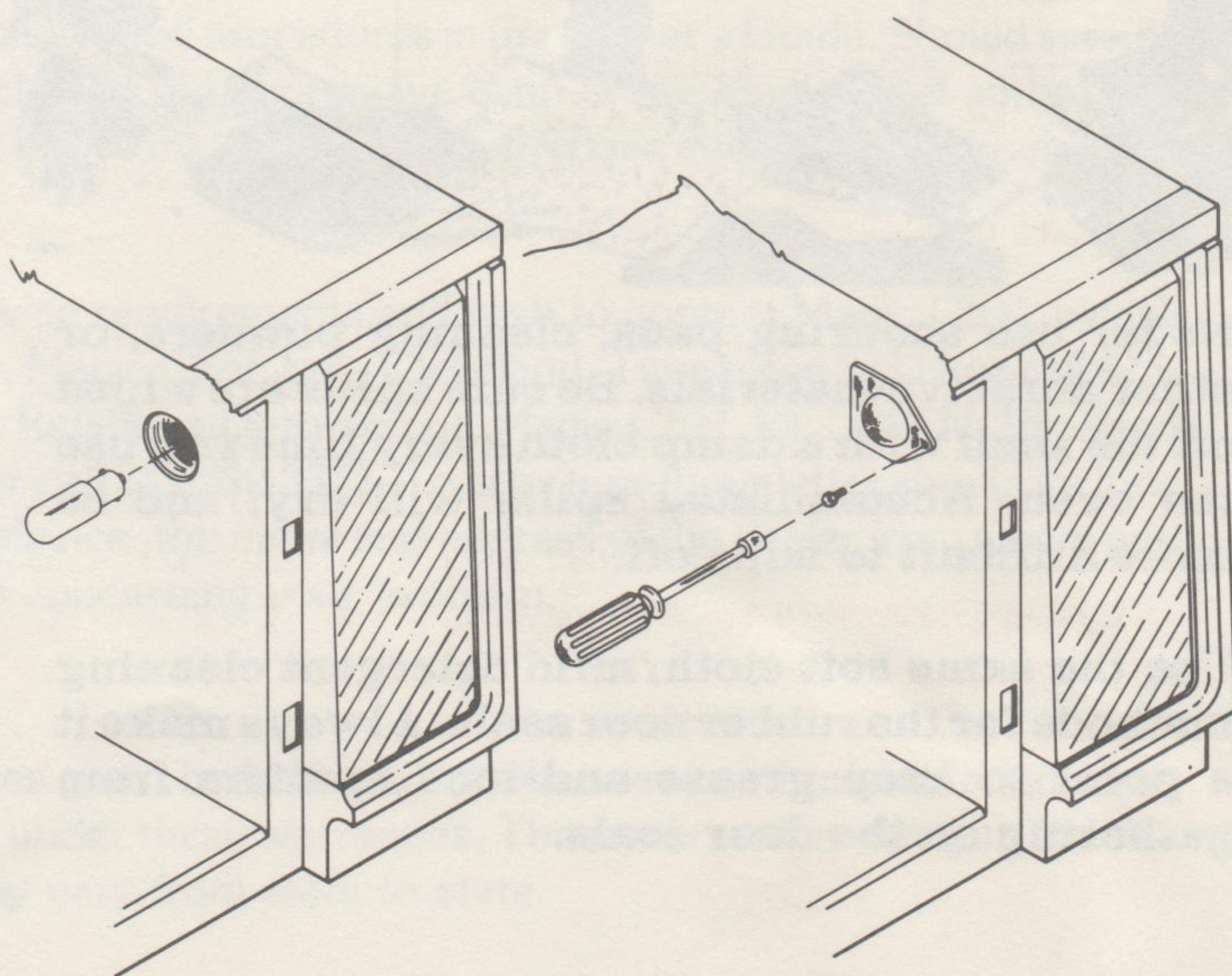
A: You must press SELECT HEAT twice.

Q: Why is the display flickering?

A: Your oven may not be properly grounded or polarized. See page 3.

How To Replace The Oven Lightbulb.

Unplug the oven. Loosen hex nut with 1/4" nut driver. Remove old bulb and replace with a similar 25 watt bayonet base bulb. Refasten light cover, and plug in oven.



How To Care For Your Microwave Oven

To clean your oven



Use a soft cloth, and clean the outside of the oven with a mild, non-abrasive detergent and warm water. Rinse well. Clean the inside the same way. Make sure you thoroughly wipe the top, side and back walls as well as the shelf.



Never use scouring pads, cleaning powders, or other abrasive materials. Be sure spills are wiped off the shelf with a damp cloth every time you use the oven. Accumulated spills will dry, and be more difficult to wipe off.

Use the same soft cloth/mild detergent cleaning methods for the rubber door seals. Always make it a point to keep grease and food spatters from gathering on the door seals.

You Must Register Your Microwave Oven

THIS IS A FEDERAL REQUIREMENT.

The Federal government requires that records be filed on the location of all microwave ovens. A registration card is included in the literature packed inside this oven at the factory.

PLEASE:

1. Fill in the registration card now, and mail it to us.
2. If you move, please establish registration at your new address by writing to us at the address below.
3. If you bought this microwave oven from a previous owner, please establish your ownership by writing to:

MAGIC CHEF
Microwave Records
740 King Edward Avenue
Cleveland, Tennessee 37311

4. Please include MODEL NUMBER and SERIAL NUMBER in all correspondence.

For Service

If you need service, you won't have to look far. Because Magic Chef has a nationwide network for service people who know how to do the job right the first time. Contact your dealer, or consult the Yellow Pages of your telephone directory under "Ranges," for the service source nearest you. For additional information about your Magic Chef microwave oven, write to:

MAGIC CHEF, INC.
Service Department
740 King Edward Avenue
Cleveland, Tennessee 37311

If you write concerning your oven, be sure to include the model numbers that are shown on the serial plate on the front of the oven.

LIMITED 5 YEAR WARRANTY
MAGIC CHEF MICROWAVE OVEN
MODELS M41-1, M41-3, M41-3P, M41-6 & M61-5P

Magic Chef warrants this microwave oven against defects in material or workmanship for a period of one year from the date of its original purchase by a consumer for home use in the contiguous 48 United States and the District of Columbia.

For an additional four-year period beyond the first year of the general coverage of this warranty, Magic Chef will repair or replace any part of the Power Train (consisting of the magnetron tube, diode, capacitor and power transformer) which has failed as a result of defective material or workmanship. Labor required for such repair or replacement is not covered in this warranty.

In order to obtain the repair or replacement of a defective part under this warranty, you should contact the dealer from whom you purchased the warranted appliance or the service agency he designates.

EXCLUSIONS

MAGIC CHEF'S OBLIGATIONS UNDER THIS WARRANTY SHALL NOT EXTEND TO ANY MALFUNCTION OR OTHER PROBLEM CAUSED BY:

1. Damage unless attributable to a defect in material or workmanship.
2. Unreasonable use or misuse, such as, but not limited to, improper setting of controls, improper electrical supply and improper installation.
3. Damages resulting from or problems caused by any installation, repair, alteration, modification, or adjustment of the appliance not performed by Magic Chef or by a Magic Chef authorized dealer or service agency.

This warranty does not cover:

1. The replacement of light bulbs.
2. Microwave ovens purchased or used for commercial purposes.
3. Cost of transporting microwave oven to the service agency.

LIMITATION OF LIABILITY

In no event shall Magic Chef be liable for any incidental or consequential damages (including, but not limited to, food loss) or for any special damages or any further loss as a result of any breach of these warranties. Some states do not allow the exclusion or limitations of consequential damages; so the above limitation or exclusion may not apply to you.

TO SECURE WARRANTY SERVICE

Before requesting service, be sure that you have read and followed all procedures in the Owner's Guide. Should service be required, contact the local dealer from whom you purchased the microwave oven or the Magic Chef authorized service agency listed in the yellow pages of your telephone directory. Evidence of purchase date must be provided to obtain warranty service.

If you are not satisfied with the local response to your service requirements and wish to contact Magic Chef, please address your letter to the Customer Relations Department, Magic Chef, Inc., Cleveland, Tennessee 37311 or call 615-472-3371. Customers in California may contact Customer Relations Department, Magic Chef, Inc., 125 N. Vineland Avenue, P.O. Box 1219, City of Industry, California 91749 or call 213-330-3372. To save time, your letter should include the complete model and serial number of the warranted appliance, the name and address of the dealer from whom you purchased the appliance, the date of purchase and details concerning your problem.

ADDITIONAL RIGHTS

These warranties are the only written or express warranties given by Magic Chef. No one is authorized to increase, alter, or enlarge Magic Chef's responsibilities or obligations under these warranties. These warranties give you specific legal rights, and you may also have other rights which may vary from state to state.