

READ BEFORE USE

“RECIPE BOOK NOT INCLUDED”

!! IMPORTANT SAFETY INSTRUCTIONS !!

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

WARNING! - To reduce the risk of burns, electric 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.
- 3. This appliance must be grounded. Connect only to properly grounded outlet. See ‘IMPORTANT GROUNDING INSTRUCTIONS’ .
- 4. Install or locate this appliance only in accordance with the provided installation instructions.
- 5. Some products such as whole eggs and sealed containers, like closed glass jars, are able to explode and should not be heated in this oven.
- 6. Use this appliance only for its intended use as described in the manual. Do not use corrosive chemicals or vapors in this appliance. This type of oven is specifically designed to heat, cook, or dry food. It is not designed for industrial or laboratory use.
- 7. As with any appliance, close supervision is necessary when used by children.
- 8. Do not operate this appliance if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped.
- 9. This appliance should be serviced only by a qualified service personnel. Contact a service center.
- 10. Do not cover or block any openings on this appliance.
- 11. Do not store this appliance outdoors. Do not use this product near water. For example, do not use near a kitchen sink, in a wet basement, near a swimming pool, or similar locations.
- 12. Do not immerse cord or plug in water.
- 13. Keep cord away from heated surfaces.
- 14. Do not let cord hang over edge of table or counter.
- 15. When cleaning the surfaces between the door and the oven that come together upon closing, use only mild, nonabrasive soaps or detergents applied with a sponge or soft cloth.

8 0 4 1 0 6 8 7 8

16. To reduce the risk of fire in the oven cavity:

- Do not overcook food. Carefully attend appliance when paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
- Remove wire twist ties from paper or plastic bags before placing bag in oven.
- If materials inside the oven ignite, keep oven door closed, turn oven off and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.
- Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils, or food in the cavity when not in use.

17. Liquids such as water, coffee, or tea are able to be overheated beyond the boiling point without appearing to be boiling. Visible bubbling or boiling when the container is removed from the microwave oven is not always present. THIS COULD RESULT IN VERY HOT LIQUIDS SUDDENLY BOILING OVER WHEN THE CONTAINER IS DISTURBED OR A UTENSIL IS INSERTED INTO THE LIQUID.

18. This appliance is intended for household use only.

!! SAVE THESE INSTRUCTIONS !!

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

Three-pronged (grounding) plug



Properly polarized and grounded outlet

Electrical Requirements

The electrical requirements are 120 volt 60 Hz, AC only, 20 amp. It is recommended that a separate circuit serving only the oven be provided. The oven is equipped with a 3-prong grounding plug. It must be plugged into a wall receptacle that is properly installed and grounded.

Power Supply Cord

- 1. A short power supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
- 2. Longer cord sets or extension cords are available and may be used if care is exercised in their use.
- 3. If long cord or extension cord is used:
 - a) The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance.
 - b) The extension cord must be a grounding-type 3-wire cord, and the longer cord should be arranged so that it will not drape over the counter top or table top where it can be pulled on by children or tripped over unintentionally.

Notes:

If you have any questions about the grounding or electrical instructions, consult a qualified electrician or service person. Neither manufacturer nor the dealer can accept any liability for damage to the oven or personal injury resulting from failure to observe the electrical connection procedures.

Radio or TV Interference

Should there be any interference caused by the microwave oven to your radio or TV, check that the microwave oven is on a different circuit, relocate the radio or TV as far away from the oven as feasible or check position and signal of receiving antenna.

Precautions To Avoid Possible Exposure To Excessive Microwave Energy

- 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.
- Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- 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
- The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

Features and Benefits

- 1.1 cu. ft. Oven Cavity
- 10 Power Levels
- Six Express Cook One-touch Settings
- Electronic Digital Display With Clock (LED)
- Turntable
- Time Cook
- Time And Weight Defrost
- Remind Signal
- Kitchen Timer

Specifications

Model..... P100N30AP-S3B1 / S3W1
Power Source..... 120V ~ 60Hz
Power Consumption..... 1500W
Maximum Output..... 1000W
Oven Capacity..... 1.1 cu. ft.
Turntable Diameter 12.8 inches
External Dimensions..... 21.2x15.7x11.9 inches
Net Weight..... 32 lbs

How To Test For A Microwave-safe Dish

To determine if a dish is microwave-safe, place the dish in the microwave along with a glass measuring cup filled with one cup of water. Microwave for one minute on high and then carefully feel the dish. If it is warm, it is not microwave-safe.

Arcing - The microwave term for sparks in the oven. Caused by:

- Metal or foil touching the side of the microwave
- Upturned edges of foil not wrapped around the food
- Metals in the microwave such as twist ties, meat pins or metal rimmed dishes
- Recycled paper towels in the microwave that contain small flecks of metal

Materials For Use In Microwave

To avoid arcing and other hazards, follow these instructions for the use of safe materials in the microwave.

Browning dish	Follow manufacturer’s instructions.The bottom of browning dish must be at least 3/16 inch (0.5 cm) above the turntable. Incorrect usage may cause the turntable to break.
Dinnerware	Microwave - safe only . Follow manufacturer’s instructions. Do not use cracked or chipped dishes.
Glassware	Heat-resistant oven glassware only. Make sure there is no metallic trim.
Oven cooking bags	Follow manufacturer’s instructions. Do not close with metal tie. Make slits to allow steam to escape.
Paper plates/cups	Use for short - term cooking/warming only. Do not leave oven unattended while cooking.
Paper towels	Use to cover food for reheating and absorbing fat. Use with supervision for short - term cooking only.
Parchment paper	Use as a cover to prevent splattering or a wrap for steaming.
Plastic	Microwave -safe only. Follow the manufacturer’s instructions. Boiling bags and tightly closed plastic bags should be slit, pierced or vented as directed by package. Due to various manufacturers you may receive varying performance results when using a bacon tray.
Plastic wrap	Microwave -safe only. Use to cover food during cooking to retain moisture. Do not allow plastic wrap to touch food.
Thermometers	Microwave -safe only.
Wax paper	Use as a cover to prevent splattering and retain moisture.

Materials To Avoid In Microwave

- Metal pans and bakeware
- Recycled paper products
- Non-heat-resistant glass
- Food storage bags
- Dishes with metallic trim
- Brown paper bags
- Non-microwave-safe plastics (e.g. margarine tubs)
- Metal twist ties

Setting Up Your Microwave

Installation:

- 1. Remove all packing materials and accessories. Examine the oven for any damage such as dents or broken door. Do not install if oven is damaged.
- 2. Select a level surface that provides enough open space for ventilation. Allow for 3 inches of open space next to the sides and back of the microwave. Allow for 12 inches of open space above the microwave. Do not place any items on top of microwave and do not remove the legs from the bottom of the microwave.

- 3. Place the microwave as far away as possible from radios and televisions. Microwave may cause interference to these appliances.

- 4. Plug the microwave into a standard household outlet. Check the rating label of the microwave to ensure the voltage and frequency are compatible with the outlet.

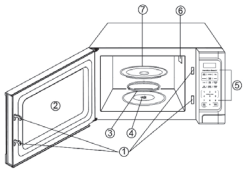
- 5. Do not install microwave oven over a range cook top or other heat-producing appliance. Heat can damage the microwave and void the warranty.

Names of Oven Parts and Accessories

Remove the oven and all materials from the carton. Your oven comes with the following accessories:

Glass tray
Turntable ring assembly

- 1. Safety interlock system
- 2. Observation window
- 3. Turntable ring assembly
- 4. Turntable shaft
- 5. Control panel
- 6. Wave Guide (Do not remove)
- 7. Glass tray

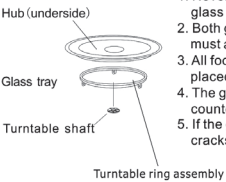


WARNING : FIRE AND SHOCK HAZARD.

Do not remove the mica board located on the right, inside wall of the cooking compartment. Unplug the microwave immediately and contact a service center.

Turntable Installation

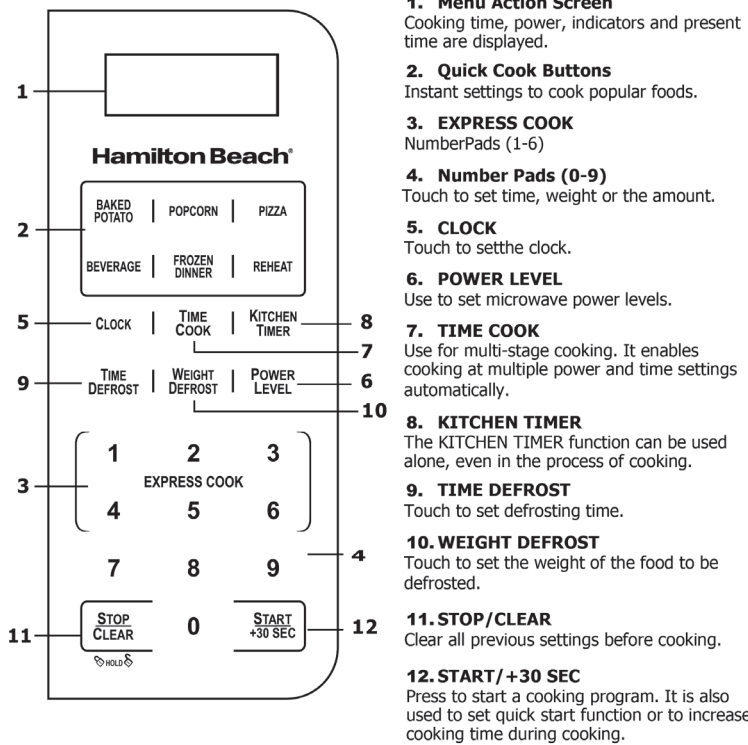
- 1. Never place the glass upside down. The glass tray should never be restricted.
- 2. Both glass tray and turntable ring assembly must always be used during cooking.
- 3. All food and containers of food are always placed on the glass tray for cooking.
- 4. The glass tray rotates either clockwise or counter-clockwise; this is normal.
- 5. If the glass tray or turntable ring assembly cracks or breaks, contact a service center.



NOTES:

- In order to ensure the highest possible standard for refurbished items, all units are thoroughly inspected as part of the process. For this item, water may be used during the refurbishing process and so; you may notice some condensation in the water reservoir. It is recommended to rinse the water reservoir with fresh water prior to its first use.
- Accessory type and quantity may vary depending on the model.
- The images shown in this manual are for illustrative purposes only and may be subject to change.

Control Panel Operation



- 1. Menu Action Screen**
Cooking time, power, indicators and present time are displayed.
- 2. Quick Cook Buttons**
Instant settings to cook popular foods.
- 3. EXPRESS COOK**
NumberPads (1-6)
- 4. Number Pads (0-9)**
Touch to set time, weight or the amount.
- 5. CLOCK**
Touch to setthe clock.
- 6. POWER LEVEL**
Use to set microwave power levels.
- 7. TIME COOK**
Use for multi-stage cooking. It enables cooking at multiple power and time settings automatically.
- 8. KITCHEN TIMER**
The KITCHEN TIMER function can be used alone, even in the process of cooking.
- 9. TIME DEFROST**
Touch to set defrosting time.
- 10.WEIGHT DEFROST**
Touch to set the weight of the food to be defrosted.
- 11.STOP/CLEAR**
Clear all previous settings before cooking.
- 12.START/+30 SEC**
Press to start a cooking program. It is also used to set quick start function or to increase cooking time during cooking.

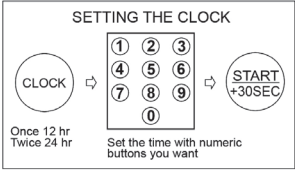
NOTE: The actual descriptions of control panel and their locations may vary depending on the model.

Operation Instructions

1. Setting The Clock

This is a 24 or 12 hour clock, and you can select which by pressing CLOCK pad. During cooking, the current time can be seen by touching CLOCK pad. FOR EXAMPLE: Suppose you want to set the oven clock time to 8:30.

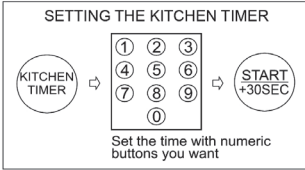
- 1) In standby mode, touch CLOCK pad once to select 12 hour clock, press again to select 24 hour clock.



- 2) Use the number pads to enter the cooking time (touch number pads 8, 3, 0 in order to enter 8:30).
- 3) Press START/+30SEC pad to complete the CLOCK setting.

2. Setting The Kitchen Timer

- 1) In standby state or during cooking, touch KITCHEN TIMER pad.
- 2) Enter the amount of time you want to count down by touching the number pads. The maximum time is 99 min. 99 sec.
- 3) Press START/+30SEC pad to start.



NOTE: The KITCHEN TIMER function can be used in any cooking process. You can check the countdown time by pressing KITCHEN TIMER pad, but if press STOP/CLEAR pad when the display shows the time, the function is cancelled.

3. Add 30 sec.

- 1) Touch once and cooking will start immediately for 30 seconds. Touching this button repeatedly with add 30 seconds each time.
- 2) During the time cook and time defrost, you can add 30 seconds for each push.
- 3) This function will not work for one-touch cooking menus and weight defrost function.

4. Time Cook

- 1) Touch TIME COOK pad.
- 2) Touch number pad to enter desired cooking time. The maximum number can be entered is 99 min. 99 sec.
- 3) Touch POWER LEVEL pad.
- 4) Use the number pads to enter the power level as shown in the table below.

NUMBER	Display	POWER	NUMBER	Display	POWER
1,0	PL10	100%	5	PL-5	50%
9	PL-9	90%	4	PL-4	40%
8	PL-8	80%	3	PL-3	30%
7	PL-7	70%	2	PL-2	20%
6	PL-6	60%	1	PL-1	10%

- 5) Touch START/+30SEC pad.

5. Setting “Time Defrost”

- 1) Touch TIME DEFROST pad.
- 2) Enter desired defrosting time by touching correct number pads. The longest time you can set is 99 min. 99 sec.
- 3) Touch START/+30SEC pad.

Note: In standby mode, LED displays " : 0 " by pressing "TIME DEFROST" one time, touch number pad "0~9" for setting cooking time(the longest time is 99 min. 99 sec.) and press "START/+30SEC" to confirm that. System will work under the setting time and acquiescent 30% microwave power level. When time pass by half, the system will remind to turn over food. If press "POWER LEVEL" when the microwave are working, LED displays the acquiescent power level time for 10 sec and could press number pad to reset the power level at this time.

6. Setting “Weight Defrost”

- 1) Touch WEIGHT DEFROST pad.
- 2) Use the number pad to enter food weight “OZ”. If wrong weight is entered, touch “WEIGHT DEFROST” pad to start over again.
- 3) Touch START/+30SEC pad.

NOTE: The maximum weight is 96 OZ. During defrosting program, the system will pause and sound beeps to remind user to turn food over, and then press START/+30SEC to resume the defrosting.

7. One-Touch Cook

For the following menus, you do not need to input cooking power and time. Follow the steps below.

Steps:

- 1) Place food into oven and close it.
 - 2) Touch the correct auto menu to select the weight or the amount.
- Automatic menu system automatically starts the program.

Code	Food	Note
1	Baked Potato (7~11 oz/ each)	1) The result of auto cook depends on factors such as the shape and size of food ,your personal preference as to the doneness of certain foods and even how well you happen to place food in the oven. If you find the result at any rate not quite satisfactory, please adjust the cooking time a little bit accordingly.
2	Popcorn (3.5 oz)	
3	Pizza (4~5 oz/ each)	
4	Beverage (4oz / cup)	
5	Frozen Dinner (7~9 oz / each)	2) For Baked Potato, Pizza, Frozen Dinner and Reheat, parameters on display are not weight but number of servings.
6	Reheat (10~14 oz)	

1) Baked Potato

- For potatoes (7~11 oz/each):
- 1. Touch BAKED POTARO pad.
- 2. Touch the pad once for one potato, touch the pad twice for two potatoes, touch the pad three times for three potatoes and touch the pad four times for four potatoes.
- 3. The oven starts immediately.

2) Popcorn

- For a 3.5 oz. bag of microwave popcorn:
- 1. Touch POPCORN once.
- 2. The oven starts immediately.

Popcorn instructions:

- To pop popcorn package evenly and avoid burning, the bag must be able to turn freely while cooking.
 - Please listen to the popping sound and watch the bag until popping is completed.
 - Some brands of microwave popcorn bags may be larger. Make sure that the bag matches the correct weight.
- Caution: Use an oven mitt or pot holder when removing the bag, as content can be very hot.

3) Pizza

Reheating pizza (4~5 oz/ each):

- 1. Touch PIZZA pad.
- 2. Touch PIZZA pad once for one slice and touch the pad twice for two slices.
- 3. The oven starts immediately.

4) Beverage

For cups (4 oz /cup)

- 1. Touch BEVERAGE pad.
- 2. Touch BEVERAGE pad once for 4 ounces, touch the pad twice for 8 ounces, touch the pad three times for 12 ounces and touch the pad four times for 16 ounces.
- 3. The oven starts immediately.

5) Frozen Dinner

For frozen dinners (7~9 oz/ each):

- 1. Touch FROZEN DINNER pad.
- 2. Touch the pad once for 7~9 ounces and touch the pad twice for 14~18 ounces.
- 3. The oven starts immediately.

6) Reheat

For a plate of cool food (10~14 oz)

- 1. Touch REHEAT pad once.
- 2. The oven starts immediately.

8. Express

Program will start immediately after touching the number pad(1-6). Suppose you want to set the quick cooking in 6 minutes.

- 1)Touch number pad 6.
- 2) 6:00 can be seen on display.
- 3) The program starts automatically.

Touch number pad	Time minutes	Touch number pad	Time minutes
1	1 Minute	4	4 Minutes
2	2 Minutes	5	5 Minutes
3	3 Minutes	6	6 Minutes

9. Two-stage Cooking

Some recipes require different stages of cooking at different temperatures. SET STAGE 1:

- 1) Place food into oven and close it. Touch TIME COOK pad.
- 2) Use the number pads to set a cooking time.
- 3) Touch POWER LEVEL pad.
- 4) Use the number pads to enter the power level.

SET STAGE 2:

- 5) Touch TIME COOK pad.
- 6) Use the number pads to set a cooking time.
- 7) Touch POWER LEVEL pad.
- 8) Use the number pads to enter the power level.
- 9) Touch START/+30SEC to start.

10. Setting Child Lock

The child lock prevents unsupervised operation by children. To set, in standby mode, press and hold STOP/CLEAR for 3 seconds. LOCK is indicated on the display. To cancel, press and hold STOP/CLEAR for 3 seconds. LOCK indication disappears.

Care and Cleaning

- Turn off the microwave and unplug the power cord from the wall socket when cleaning.
- Keep the inside of the microwave clean. When food splatters or spilled liquids adhere to microwave walls, wipe with a damp cloth. Mild detergents may be used if the microwave gets very dirty. Avoid using spray or other harsh cleaners. They may stain, streak, or dull the door surface.
- The outside of the microwave should be cleaned with a damp cloth. To prevent damage to the operating parts inside the microwave, water should not be allowed to seep into the ventilation openings.
- Wipe the window on both sides with a damp cloth to remove any spills or splatters.
- Do not allow the control panel to become wet. Clean with a soft, damp cloth. When cleaning the panel, leave the microwave door open to prevent it from accidentally turning on.
- If steam accumulates inside or around the outside of the door, wipe with a soft cloth. This may occur when the microwave is operated under high humidity. This is normal.
- It may be necessary to remove the glass tray for cleaning. Wash the tray in warm, soapy water or in a dishwasher. The roller ring and microwave floor should be cleaned regularly to avoid excessive noise. Wipe the bottom surface of the microwave with a mild detergent.
- The roller ring may be washed in mild, soapy water or in a dishwasher. When removing the roller ring, be sure to replace it in the proper position.
- Remove odors from your microwave by combining a cup of water with the juice and skin of one lemon in a microwaveable bowl. Microwave for 5 minutes. Wipe thoroughly and dry with a soft cloth.
- If the light bulb burns out, please contact a certified electrician to have it replaced.
- The microwave should be cleaned regularly and any food deposits should be removed. Failure to maintain the microwave in a clean condition could lead to deterioration of surfaces that could adversely affect the life of the unit and could possibly result in a hazardous situation.
- Please do not dispose of this appliance into a regular garbage receptacle. Please check to see where you can dispose of such appliances.

Troubleshooting

Problem	Possible Causes	What to do
Dim oven light	In low power cooking, oven lighth may become dim	This is normal
Steam accumulating on door or hot air coming out of vents during cooking	Food releases steam during cooking	This is normal
Oven is started accidentally with no food in it.	Microwave is started accidentally with no food in it.	No damage will occur if the microwave runs for less than 20 seconds
Interference with TV reception	Microwave operation may affect radio and TV reception	This is normal
Microwave will not start	a. Power cord not plugged in tightly b. A fuse is blown or circuit breaker trips c. Problem with electrical outlet	Unplug, wait 10 seconds, then plug in again. Replace fuse or reset circuit breaker. Consult with professional electrician
Glass turntable makes noise during operation	The microwave cavity is dirty	Clean the microwave and turntable with warm water and microwave-safe cleaning products.
Popcorn is over-cooked or under-cooked with "popcorn" easy setting	Incorrect power level selected for size of popcorn bag	Always follow manufacturer's instructions for popcorn if the cooking time for the pre-set setting differs from the manufacturer's recommended time. Never leave popcorn cooking unattended.

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