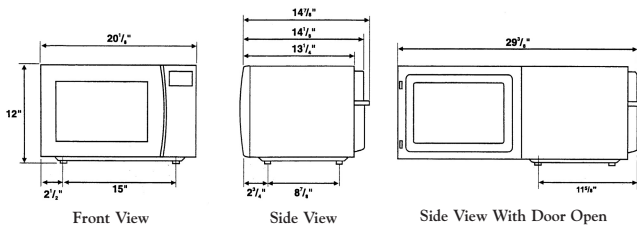


TECHNICAL SPECIFICATIONS

Power Source	120V, 60 Hz, single phase
Required Power*	13.4 Amps, 1500W
Output†	1000 Watts
Frequency	2,450 MHz
Outer Dimensions (H x W x D)	12" x 20-1/8" x 14-1/8"; 306 mm x 510 mm x 360 mm
Cavity Dimensions (H x W x D)	8-1/16" x 13" x 13"; 205 mm x 330 mm x 330 mm
Net Weight / Shipping Weight	Approximately 34 lb. (15.4 kg) / Approximately 39 lbs. (17.7 kg)
Classification	Class I
Degree of Protection from Electrical Shock	Type B Applied Parts
Degree of Protection Against Ingress of Water	Ordinary
Mode of Operation	Suitable for Continuous Operation
Storage Temperature	20° C to 75° C
Relative Humidity	10% to 90% Non-Condensing
Timer	Five Preset Digital Touch Pads
UL Standard	UL2601-1 Medical Electrical Equipment

* NOTE: UL and NEC requires power ratings to be specified when the equipment reaches steady state operating conditions. Initial current draw may be higher. Please consult Sage Products for further information.

† IEC 705-88 Test Procedure Specifications subject to change without notice.



SAVE THESE INSTRUCTIONS FOR PROPER USE OF YOUR MICROWAVE.
READ ALL SAFETY CAUTIONS AND OPERATING INSTRUCTIONS.

SAGE
PRODUCTS INC.
3909 Three Oaks Road • Cary, NC 27513
www.sageproducts.com
800-223-2220



National Sanitation Foundation
International Standard



Medical equipment with respect to
electric shock, fire and mechanical
hazards only, in accordance with
UL 2601-1 and CAN/CSA
C22.2 No. 601.1

X98182
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Comfort Personal Cleansing® Microwave Warmer Operating Instructions

Model Number 7931



For use with Comfort Personal Cleansing® brand bathing,
incontinence and hair care products only.

Please read and understand these instructions completely prior to operating
the Comfort Personal Cleansing® Microwave.

SAGE
PRODUCTS INC.

IMPORTANT SAFETY INSTRUCTIONS

This microwave is to be used **SOLELY** for Sage Comfort Personal Cleansing® products. The microwave has been electronically programmed and safety tested to be used exclusively with Comfort Personal Cleansing products. ANY other use of the microwave by the facility, including but not limited to, use with other bathing products can result in overheating, fire or other hazardous conditions and is expressly forbidden. Refer to individual packages of Comfort Personal Cleansing products for recommended heating times.

WARNING:

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

1. Read all instructions before using this microwave.
2. Read and follow the specific “PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY” in this manual.
3. This microwave is supplied with a hospital-grade green dot cord and plug. Connect only to UL-listed outlet. See the “GROUNDING INSTRUCTIONS” in this manual for specific information.
4. Install this microwave only in accordance with the installation instructions found in this manual.
5. **DO NOT** cover or block any openings on this appliance.
6. **DO NOT** tamper with or make any adjustments to the door, control panel, housings, safety switches or any other part of the Comfort Personal Cleansing Microwave.
7. **DO NOT** remove any panel or cover.
8. **DO NOT** store or use this appliance outdoors. **DO NOT** use this product near water—for example, near a kitchen sink, in a wet basement, or near a swimming pool.
9. **DO NOT** use this microwave for any material other than Comfort Personal Cleansing products in accordance with instructions on the label.
10. **DO NOT** let the cord hang over edge of table or counter.
11. This microwave is to be used by adults familiar with its operation and these safety instructions.
12. **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.
13. **DO NOT** immerse cord or plug in water.
14. Keep cord away from heated surfaces.
15. The microwave is to be serviced only by qualified service personnel. There are no external or user-serviceable fuses. Contact Sage Products for repair or adjustment.
16. Use this appliance only for its intended purpose as described in this manual. **DO NOT** use corrosive chemicals or vapors in this appliance. This type of microwave is specifically programmed to heat Comfort Personal Cleansing products. It is **NOT** designed for industrial or laboratory use. The use of corrosive chemicals in heating or cleaning will damage the appliance and may result in radiation leaks.
17. When cleaning surfaces of door and microwave that come together on closing the door, use only mild, non-abrasive soaps or detergents applied with a sponge or soft cloth.

SECURITY BOLT INSTALLATION INSTRUCTIONS

Important:

Sage Products or its suppliers, Panasonic Canada Inc. and the PIC (Panasonic Industrial Company) are not responsible for any damage caused by improperly installing this microwave. Read and follow these instructions carefully.

Tools and Parts

The following tools and parts are needed to install the oven:

- One 5/16-inch bolt purchased by user (See “How to Select the Bolt Length”)
- Drill and-3/8 inch drill bit
- Nail or center punch
- Hammer
- Scissors

Figure 1

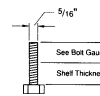


Figure 2



Figure 3 & 4

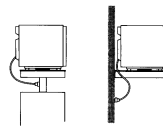
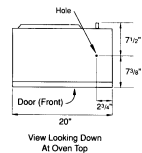


Figure 5



How to Select the Bolt Length

1. Remove the Bolt Gauge from this manual and place it straight up near the front edge of the shelf upon which the oven will rest.
2. Measure the distance from the bottom of the shelf to lines A and B on the Bolt Gauge.
 - a) From the bottom of the shelf to line A is the minimum length of the bolt.
 - b) From the bottom of the shelf to line B is the maximum length of the bolt.

If the bolt is shorter than A or longer than B, you cannot use it to secure the oven.

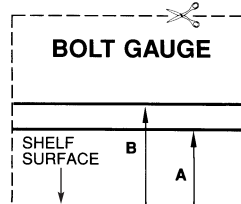
3. Purchase one 5/16-inch-18 bolt whose length falls between the minimum and maximum bolt length as determined in step 2 above. (Figure 1 & 2)

CAUTION: Washers should be used to correct for long bolt length, and when (wooden) shelf compresses to allow maximum bolt length to be exceeded. Internal parts of oven may be damaged due to oversize bolt length.

How to Install the Microwave

1. Be certain that:
 - a) All 4 legs are supported by the shelf (microwave may hang over an open shelf or shelf front). (Figure 3 & 4)
 - b) The power cord on the microwave can reach the electrical outlet.
 - c) The electrical outlet is not blocked by the microwave. Power cord must be able to be unplugged without moving the microwave.
2. Use a center punch or nail to make an indentation in the shelf at the spot designated as the center for the drill holes shown in Figure 5.
3. Drill one 3/8-inch hole in shelf at spot indicated in Figure 5, keeping the drill perpendicular to the shelf.
4. Clean the drill holes.
5. Place the microwave on the shelf. Align hole in the base of the microwave with the drilled hole and bolt the microwave to the shelf from the underside of the shelf.

“B” (1.09”) MAX.
“A” (.83”) MAX.



INSTALLATION AND GROUNDING INSTRUCTIONS

Examine Your Microwave

Unpack microwave, remove all packing material and examine the oven for any damage such as dents, broken door latches or cracks in the door. Notify Sage Products immediately if oven is damaged. **DO NOT** install or operate if microwave is damaged.

Remove Protective Plastic Film

If a plastic film has been wrapped around the microwave to protect the painted finish from scratching during shipping, please remove this plastic film prior to using the microwave.
(However, not all microwaves have plastic film wrapping.)

Placement of Microwave

- 1. Microwave must be placed on a flat, stable surface. For proper operation, the microwave must have sufficient air flow. Allow 3 inches of space on both sides of the microwave and 1 inch of space on top of the microwave.
 - a) **DO NOT** block air vents. If they are blocked during operation, the microwave may overheat. If the microwave overheats, a thermal safety device will turn the unit off. The microwave will remain inoperable until it has cooled.
 - b) **DO NOT** place microwave near a hot damp surface such as a gas or electric range.
 - c) **DO NOT** operate microwave when room humidity is too high.

Grounding Instructions

This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of an electric shock by providing an escape wire for the electric current. This appliance is equipped with a cord having a grounded wire with a grounded plug. The plug must be plugged into an outlet that is properly installed and grounded.

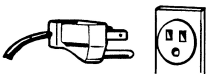
WARNING: Improper use of the grounding plug can result in a risk of electric shock.

Consult a qualified electrician or service person 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 three slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord should be equal to or greater than the electrical rating of the appliance.

Wiring Requirements

Figure 1



- 1. The microwave must be plugged into at least a 15 AMP 120 VOLT, 60 Hz GROUNDED OUTLET.

Where a standard two-prong outlet is encountered, it is the personal responsibility and obligation of the user to have it replaced with a properly grounded three-prong outlet (Figure 1).
- 2. The microwave must be on a SEPARATE CIRCUIT. No other appliance should share the circuit with the microwave. If it does, the branch circuit fuse may blow, or the circuit breaker may trip or Comfort Personal Cleansing® products may warm slower than the times recommended.
- 3. The VOLTAGE used must be the same as specified on the microwave (120V). Using a higher voltage is dangerous

and may result in a fire or other accident causing microwave damage. Using a lower voltage will cause slow heating. Sage/MRA are **NOT** responsible for damage resulting from the use of the microwave with other than specified voltage.

SAFETY PRECAUTIONS

This microwave is to be used SOLELY in connection with the use of the Comfort Personal Cleansing® products. The microwave has been electronically programmed and safety-tested to be used exclusively with Comfort Personal Cleansing products. ANY other use of the microwave by the facility, including but not limited to, use with other bathing products can result in overheating, fire or other hazardous conditions and is expressly forbidden. Refer to individual packages of Comfort Personal Cleansing products for recommended heating times.

General Use

- 1. **DO NOT** tamper with or make any adjustments or repairs to door, control panel housing, safety interlock switches or any other part of the microwave. **DO NOT** remove outer panel from microwave. Repairs should only be done by a qualified service person. Contact Sage Products for authorized service.
- 2. **DO NOT** operate the microwave if empty. The microwave energy will reflect continuously throughout the microwave causing overheating if nothing is present to absorb energy. This could damage the microwave and result in a risk of fire.
- 3. If a fire occurs in the microwave, press **STOP/RESET** Time Pad and **LEAVE DOOR CLOSED**. Disconnect the power cord, or shut off power at the fuse or circuit breaker panel.
- 4. **DO NOT** hit or strike control panel. Damage to controls may occur.
- 5. **DO NOT** store flammable materials next to, on top of, or in the microwave. They could be a fire hazard.
- 6. Your microwave is equipped with a protective device designed to turn the unit off in the event of overheating. The unit will automatically reset itself after it has cooled (approximately 30-60 minutes).
- 7. **DO NOT** use conventional thermometers in the microwave. They may cause arcing.

NOTE: Anything containing metal or metallic trims should not be used. Arcing may occur.

CAUTION: If there is any indication that cap or washcloths are excessively hot, do not use. Remember, gloves diminish your sensitivity to heat. Closely monitor heat level with infants, unresponsive or skin sensitive individuals. Caps/Baths are for individual use only.

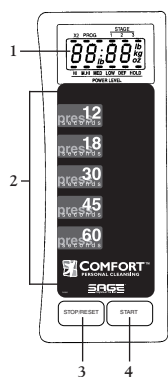
KEY OF SYMBOLS USED THROUGHOUT MANUAL	
	Caution (refer to accompanying documents)
	Earth (ground) terminal
	Type B protection against electrical shock

SELF DIAGNOSTICS OF THE COMFORT PERSONAL CLEANSING MICROWAVE

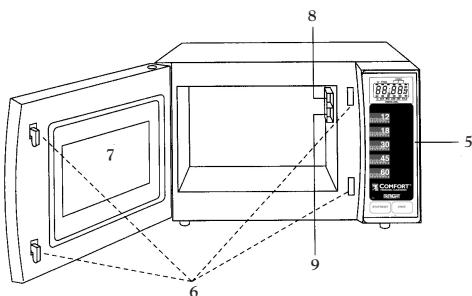
PROBLEM:	CAUSE:	WHAT TO DO:
Error Code F01 on display	Internal temperature too high	Press STOP/RESET . Wait until the microwave cools down. Check vents for blockage. If flame is present, do not open door.
Error Code F33-34, F44 on display	Sensor Circuit/Control Circuit	Unplug microwave for 15 seconds or longer to reset.
Interference	Grounding interference with other equipment	Check for proper grounding of outlet. Move microwave to a separate dedicated outlet.

OUTLINE DIAGRAM

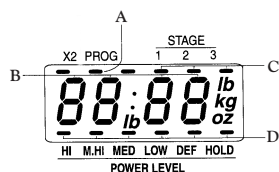
Control Panel



1. Digital Display Window (see below)
2. Memory Pad
3. STOP/RESET Pad
4. START Pad
5. Control Panel
6. Door Safety Lock System
7. Oven Window with Heat/Vapor Film (Do not remove)
8. Oven Lamp
9. Splash Guard/Light Diffuser



Digital Display Window Indicator Locations



- A. PROG Indicator
- B. Memory Pad Number and Heating Time Display (min., sec.) - each indicator 0-9
- C. Stage Heating Indicator - 3 maximum
- D. Power Level Indicator
 - HI (High)
 - M. HI (Medium High)
 - MED (Medium)
 - LOW
 - DEF (Defrost)
 - HOLD (Power Off)

18. TO REDUCE THE RISK OF FIRE:

- Warm only Comfort Personal Cleansing® products.
- Do not use to heat or store any other material or products.
- If materials inside the microwave should ignite, keep the door closed, turn the microwave off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.
- Do not operate the Comfort Personal Cleansing Microwave empty – always have a Comfort Personal Cleansing product in the microwave during warming.

19. Do not store flammable materials in the proximity of the Comfort Personal Cleansing Microwave. It could be a fire hazard.

20. Equipment not suitable for use in the presence of a flammable anesthetic mixture with air, or with oxygen or nitrous oxide.

21. The Comfort Personal Cleansing Microwave uses microwave energy just like that used in your home microwave oven; however, it is designed and built for heavy-duty use specifically to warm Comfort Personal Cleansing products.

PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

- a) **DO NOT attempt to operate this microwave 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.
- c) **DO NOT operate the microwave if it is damaged.** It is particularly important that the 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
- b) **DO NOT place any object between the microwave front face and the door**, or allow soil or cleaner residue to accumulate on sealing surfaces.
- d) **The microwave should NOT be adjusted or repaired by anyone except properly qualified personnel.** Contact Sage Products for authorized service.

CARE OF YOUR MICROWAVE

1. Unplug the microwave before cleaning.
2. Keep the inside of the microwave clean. If spatters or fluid adhere to walls, wipe with a damp cloth. Mild detergent may be used if the microwave gets very dirty. The use of harsh detergent or abrasives is not recommended. The air intake splash guard/light diffuser can be removed for cleaning by removing the center plugs from the two plastic rivets. The top is held in place by two tabs. Wash in warm dishwater and replace.
3. The outside microwave surfaces should be cleaned with a large damp cloth. To prevent damage to the operating parts inside the microwave, water should not be allowed to seep into the ventilation openings.
4. If the Control Panel becomes wet, clean with a soft, dry cloth. **DO NOT** use harsh detergents or abrasives on Control Panel. When cleaning the Control Panel, leave microwave door open to prevent microwave from accidentally turning on. After cleaning, touch STOP/RESET Pad to clear Display Window.
5. If steam accumulates inside or around the outside of the microwave door, wipe with a soft cloth. This may occur when the microwave is operated under high humidity conditions and in no way indicates malfunction of the unit.
6. Clean off grease and dust on bottom surfaces often. Use warm detergent solution.
7. Cleaning inside the microwave outer panel and inside the microwave base should be performed only by qualified service personnel after taking precautions to drain all stored voltage potential. Contact Sage Products for authorized service.