# N S T R U C T I O N S HRO SERIES ROTISSERIE OVENS &

# HRW SERIES ROTISSERIE OVENS WITH WARMERS

#### MODELS

HRO101	ML-43775
HRO330	ML-43869
HRO550	ML-43871
HRW101	ML-43777
HRW330	ML-43870
HRO330P	ML-43888
HRO550P	ML-43889
HRW330P	ML-43890
HRO220	ML-114635
HRW220	ML-114641
HRO220P	ML-114903
HRW220P	ML-114904



701 S. RIDGE AVENUE TROY, OHIO 45374-0001 937 332-3000

www.hobartcorp.com



Models HRO101 and HRO220 Oven



Model HRO330 Oven



Models HRW101 and HRW220 Oven/Warmer



Model HRO550 Double Oven



Model HRW330 Oven/Warmer

# Installation, Operation and Care of HRO & HRW SERIES ROTISSERIE OVENS SAVE THESE INSTRUCTIONS GENERAL

The HRO and HRW Series Rotisserie Ovens and Warmers feature stainless steel interior and exterior for ease of cleaning. Rotating, self-basting spits or flat baking racks and combination convection and radiant heat provide thorough cooking and even browning yet eliminate hot spots. The grease drawer has a drain plug for elimination of excess fat and can be completely removed for cleaning. Oven controls provide "Manual" or "Automatic" (timer controlled) operation where the END TIME OF PROCESS TIME can be preset. Models HRO220P, HRW220P, HRO330P, HRW330P and HRO550P provide programmable controls. Tempered glass doors, both front and back, and quartz lighting promote visual appeal and stimulate customer interest. Doors can be rehinged — contact your local Hobart service office.

HRW Series have a single compartment upper oven and a lower warming cabinet. The warming cabinet features low velocity, high humidity air circulation which keeps foods moist. The warming cabinet has three shelves.

Ovens come in two sizes, with or without warming cabinet below.

HRO101 — oven capacity: four spits (16 chickens).

HRO220 — oven capacity: five spits (20 chickens).

HRO330 — large oven capacity: seven spits (35 chickens).

HRW101 — HRO101 oven with W101 warming cabinet below.

HRW220 — HRO220 oven with W220 warming cabinet below.

HRW330 — HRO330 oven with W330 warming cabinet below.

HRO550 — two HRO330 ovens, stacked.

Quantity Required per Oven*										
Spit Basket Turkey Spit		Baking Plate	Warmer Shelves							
4 opt.	4 opt.	1 opt.	4 opt.	NA	NA					
5 opt.	5 opt.	1 opt.	5 opt.	NA	NA					
7 opt.	7 opt.	1 opt.	NA	7 opt.	NA					
14 opt.	14 opt.	2 opt.	NA	14 opt.	NA					
4 opt.	4 opt.	1 opt.	4 opt.	NA	3 std.					
5 opt.	5 opt.	1 opt.	5 opt.	NA	3 std.					
7 opt.	7 opt.	1 opt.	NA	7 opt.	3 std.					
	4 opt. 5 opt. 7 opt. 14 opt. 4 opt. 5 opt.	4 opt.       4 opt.         5 opt.       5 opt.         7 opt.       7 opt.         14 opt.       14 opt.         4 opt.       4 opt.         5 opt.       5 opt.	Spit         Basket         Turkey Spit           4 opt.         4 opt.         1 opt.           5 opt.         5 opt.         1 opt.           7 opt.         7 opt.         1 opt.           14 opt.         14 opt.         2 opt.           4 opt.         4 opt.         1 opt.           5 opt.         1 opt.         1 opt.	SpitBasketTurkey SpitBaking Plate4 opt.4 opt.1 opt.4 opt.5 opt.5 opt.1 opt.5 opt.7 opt.7 opt.1 opt.NA14 opt.14 opt.2 opt.NA4 opt.4 opt.1 opt.5 opt.	SpitBasketTurkey SpitBaking PlateChicken Rack4 opt.4 opt.1 opt.4 opt.NA5 opt.5 opt.1 opt.5 opt.NA7 opt.7 opt.1 opt.NA7 opt.14 opt.14 opt.2 opt.NA14 opt.4 opt.4 opt.1 opt.5 opt.NA5 opt.1 opt.5 opt.NA					

#### **Features and Options**

\* Rotisserie inserts can be intermixed requiring less than the maximum shown in the chart.

# INSTALLATION

Immediately after unpacking the oven, check for possible shipping damage. If the oven is found to be damaged after unpacking, save the packaging material and contact the carrier within 15 days of delivery.

Prior to installation, test the electrical service to assure that it agrees with the specifications on the machine data plate located on the right side panel near the controls.

HRO550 and HRW330 are secured to the skid with four screws which must be removed.

#### LOCATION

WARNING: THE OVEN SHOULD NOT BE ACCESSIBLE TO THE CUSTOMER. HOT GLASS AND PARTS CAN CAUSE BURNS.

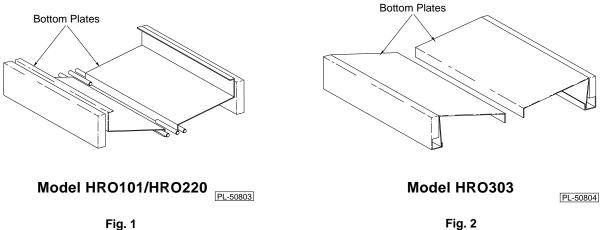
The oven may be placed where cooking may be observed to enhance customer awareness. The oven must be installed on a level surface. A minimum clearance of 10" from the rear, 10" from any glass, and 4" from each side panel must be maintained. The installation location must allow adequate clearances for servicing and for proper operation of the front and rear doors.

#### **LEGS / CASTERS**

Counter models, HRO101, HRO220 and HRO330, are furnished with 11/2" legs. HRO550. HRW101, HRW220 and HRW330 are furnished with 2 swivel and 2 locking swivel casters.

#### ASSEMBLY

Place the two bottom plates in the oven. The two plates slant to the middle to allow fat to drip into the grease drawer (Figs.1, 2).



#### ELECTRICAL CONNECTIONS

**WARNING**: ELECTRICAL AND GROUNDING CONNECTIONS MUST COMPLY WITH THE APPLICABLE PORTIONS OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER LOCAL ELECTRICAL CODES.

**WARNING**: DISCONNECT ELECTRICAL POWER SUPPLY AND PLACE A TAG AT THE DISCONNECT SWITCH INDICATING THAT YOU ARE WORKING ON THE CIRCUIT.

Access the electrical connection point by removing the right side panel. Comply with the appropriate wiring diagram attached to the oven. Electrical supply cord and plug should be supplied by installer. Replace right side panel.

MODEL	VOLTS	HERTZ	PHASE	CIRCUIT SIZE* (AMPS)
HRO101	208	60	1	35
&	208	60	3	20
HRO220	240	60	1	35
	240	60	3	20
HRO330	208	60	1	60
	208	60	3	35
	240	60	1	60
	240	60	3	35
HRO550	208	60	3	70
	240	60	3	70
HRW101	208	60	1	50
&	208	60	3	30
HRW220	240	60	1	50
	240	60	3	30
HRW330	208	60	3	50
	240	60	3	45

#### ELECTRICAL DATA

\* Maximum Circuit Breaker Size / Minimum Circuit Amperage compiled in accordance with the National Electrical Code, 1990 edition.

#### **BEFORE FIRST USE**

#### WARNING: UNPLUG BEFORE CLEANING.

Before using the oven for the first time, it must be "burned in" to release any odors that might result from heating the new surfaces in the oven.

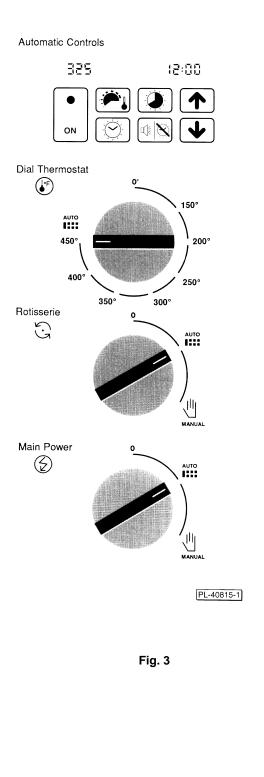
Clean the oven, accessories and warmer (if present), both inside and outside, with warm soapy water. Rinse thoroughly and wipe dry with a soft clean cloth. Avoid water contact with the quartz lamps.

Operate the oven at the maximum temperature setting of 450°F for four hours. Smoke with an unpleasant odor will normally be given off during this burn-in period.

## **OPERATION**

**WARNING**: HOT GLASS, GREASE, AND PARTS CAN CAUSE BURNS. USE CARE WHEN OPERATING AND SERVICING THE OVEN.

#### OVEN CONTROLS (Fig. 3)



Automatic Controls — SEE PAGES 7 AND 8.

Display — Shows temperature (°F) and time (HH:MM).

Automatic: Colon flashing, cooking time remaining is shown.

**Manual**: Colon not flashing, time of day displays (12 hour clock).

Dial Thermostat — 0 MEANS HEAT IS OFF.

**Automatic**: Turn dial to maximum temperature [AUTO setting]. Set Automatic Controls, pages 7 and 8.

**Manual**: Turn dial to desired temperature (150 – 450°F).

Rotisserie — 0 means rotisserie is OFF.

**Automatic**: Set three dials on AUTO and press ON; see Automatic Controls, pages 7 and 8.

**Manual**: Set the Rotisserie and Main Power dials on the hand symbol. Use Dial Thermostat.

Main Power — 0 MEANS OFF.

**Automatic**: Set the three dials on AUTO and press ON; see Automatic Controls, pages 7 and 8.

**Manual**: Set the Rotisserie and Main Power dials on the hand symbol. Use Dial Thermostat.

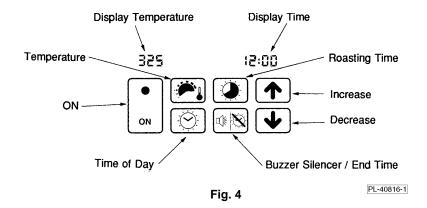
#### Loading Product

Turn the Rotisserie dial to the hand symbol to rotate. Turn it to AUTO to stop and load. Repeat until all loading is complete. Make sure the product is distributed evenly. Close the door.

The Dial Thermostat must be set at the maximum (450°F) for Automatic Operation.

If no temperature or roasting time has been programmed, the Automatic Control recalls the values for the previous Automatic Cooking Operation. These values can be displayed by pressing the appropriate symbol.

#### AUTOMATIC CONTROLS (Fig. 4)



Automatic Controls can regulate the roasting temperature, stop cooking at a preset time, or allow the buzzer to be timed. The last entered Temperature and Roasting Time is always retained in memory by the Automatic Controls. Set the Temperature and Roasting Time, then press ON to begin.

#### • Setting the Temperature

\_\_\_\_

-DISPLAY TEMP

Press		325
	+	326
Press	() + ↓	324

Displays the thermostat setting (150 - 450°F). Increases the temperature setting.

— Decreases the temperature setting.

#### • Setting the Roasting Time

0	0
	DISPLAY TIME
Press 🥥	1:15
Press 🏹 +	1:16
Press 🎑 +	<b>↓</b> 1:14

Displays the automatic roasting time.
 Increases the automatic roasting time.

- :14 Decreases the automatic roasting time.
- Press ON to begin.

#### Setting an Early Warning Buzzer

Assume the roasting time is one hour and fifteen minutes and it is currently 2 o'clock. The cycle completes and the buzzer will sound at 3:15. If you want an early warning buzzer for basting or whatever reason, program as follows:

DISPLAY TIN	ΛE	
Press 💷 3:15		Displays the sum of the current time plus the roasting time.
Press 🕬 🗱 + 🕨 3:00		Buzzer will sound at 3:00.
Press ON.		Roasting begins.

- At 3:00, the interim buzzer sounds. Press 🕬 to silence.
- At 3:15, roasting stops and buzzer sounds again. Press 🕷 to silence.

#### Setting the End Time (Delayed Start)

Assume the roasting time is one hour and fifteen minutes and it is currently 2 o'clock. If you want to finish roasting at 4:00, program the Automatic Control as follows:

	SPLAY TIME		
Press 💷	3:15	—	Displays the sum of the current time plus the roasting time.
Press 🕬 + 🚹	4:00	—	Roasting will stop at 4:00.
Press ON.			The red light on the ON button is lit. Rotisserie stays off until:
<ul> <li>Roasting begi</li> </ul>	ns at 2:4	5. C	olon starts flashing.

• Roasting stops at 4:00; buzzer sounds. Press 🙀 to silence.

#### Interrupting an Automatic Cooking Operation

If you want to temporarily interrupt an Automatic Cooking Operation, press ON.

- The On lamp flashes. Colon stops flashing.
- The Rotisserie stops.
- Heat lamps and elements go off.
- The Automatic Control retains the set temperature and the remaining roasting time.
- The current temperature and remaining roasting time are displayed.
- Because heating is off, the temperature decreases. The control does not compensate.
- To restart, press ON again. The Automatic Cooking Operation will resume.

#### Stopping an Automatic Cooking Operation

When an Automatic Cooking Operation is completed, a buzzer sounds.

If you want to temporarily interrupt an Automatic Cooking Operation, see above.

If you want to abort an Automatic Cooking Operation, turn Main Power OFF. The Temperature and Roasting Time will be retained in memory, not the remaining cooking time.

#### Changing a Setting

All settings can be changed before, during or after the cooking process except for the time of day which cannot be changed during an Automatic Cooking Operation. After a change, the operation continues according to the new values.

#### Stopping the Rotisserie

Turn Rotisserie OFF. One lamp continues to burn. Heat is Off. Rotisserie stops.

#### Setting the Time of Day

The Time of Day cannot be reset during an Automatic Cooking Operation. The ON light on the ON button must be off. Colon is not flashing. Set the Time of Day as follows:

			-	
		9:23	—	The current time of day is displayed.
Press	(ゔ) + (♠	9:24	—	Increases the time of day.
Press	() + ↑ () + ↓	9:22	—	Decreases the time of day.

#### **Turning the Buzzer OFF**

Press 🕬 .

#### **Resetting the Automatic Control**

Turn Main Power OFF and ON. The Automatic Control retains Time and Temperature for the last Automatic Cooking Operation. Remaining cooking time and early warning buzzer are lost.

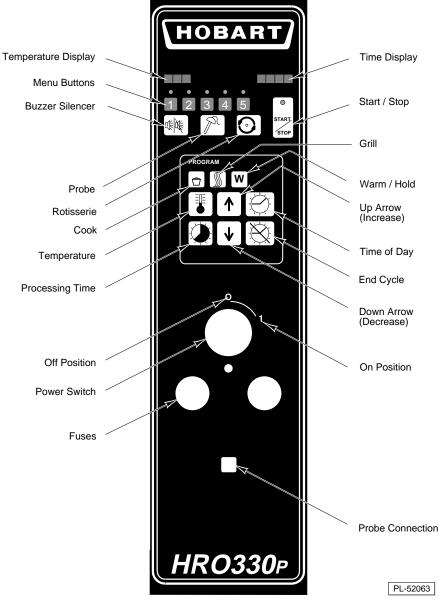
#### **Operating in Fahrenheit or Celsius Degrees**

To operate the oven with Fahrenheit degrees, press ↑ while turning the Main Power dial from 0 to AUTO. The Fahrenheit lamp will be lit. The oven will continue to operate in Fahrenheit degrees.

To operate in Celsius, press while turning the Main Power dial from 0 to AUTO. The oven will continue to operate in Celsius degrees.

#### PROGRAMMABLE CONTROLS (Fig. 5)

The programmable control (Models HRO220P, HRW220P, HRO330P, HRW330P and HRO550P) allows you to program three different functions for each of the 5 menu buttons. The three functions are Cook, Grill, and Warm/Hold. The Cook cycle is for slow roasting; the Grill cycle is for searing and browning; the Warm/Hold cycle is a holding cycle. Recommended holding temperature is 185°F or 190°F. The rotisserie will continue to turn during the hold cycle.





#### Setting the Time of Day

- 1. Turn Power Switch to "1" (ON position).
- 2. Press and hold 2 and adjust to current time by using  $\bigstar$  or  $\bigstar$ . This is a 12-hour clock.

The actual time of day may be viewed on the display at any time, except during a running process, by pressing  $\bigcirc$ .

#### Programming Menu Buttons

- 1. Before entering the program mode, you must first press a Menu Button. Press Menu Button #1. Its LED will light.
- 2. To enter Program mode, press and hold both ▲ and ▲ simultaneously until the time display shows "PROG" (approximately 2 seconds). The LED on Menu Button #1 will start blinking.
- 3. The Cook function time and temperature will be programmed first.

Press and hold $\begin{bmatrix} \mathbf{I} \\ \mathbf{I} \end{bmatrix}$ while pressing		or	[↓	to adjust to the temperature desired. Maximum
allowable temperature setting is 48	0°F	; mi	nim	um is 32°F.

Press and hold 💭 while pressing 🖞	or	· [ ↓	to adjust to the time desired.	Maximum time
setting is 5 hours, 59 minutes.				

4. Program the Grill function for Menu Button #1.

Press	$\mathbb{S}$	
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Press and hold  $\textcircled{\bullet}$  while pressing  $\textcircled{\bullet}$  or  $\textcircled{\bullet}$  to adjust to the temperature desired. Maximum allowable temperature setting is 480°F; minimum is 32°F.

Press and hold		while pressing	1	or	[♥]	to adjust to the time desired.
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5. Program the Warm/Hold function for Menu Button #1.

Press W.				
Press and hold	while pressing	or	♦	to set the temperature for the hold cycle.

You cannot program a time for the hold function. If you try to program a time, the buzzer will sound for 3 seconds, then shut off. After programming of Menu Button #1 is completed, the time display will show the current time of day.

6. Press flashing Menu Button #1 to lock in the programmed settings.

After programming, the displays will show the time and temperature programmed for the Cook function. If you have programmed "0" time and minimum temperature (32°F) for the Cook function, the displays will show the actual cavity temperature and actual time of day.

7. Continue programming Menu Buttons 2-5 in the same manner.

#### Verifying Programmed Temperatures and Times

Cook function: Press and hold the desired Menu Button, then press  $\Box$ . Grill function: Press and hold the desired Menu Button, then press  $\mathbb{W}$ . Warm/Hold : Press and hold the desired Menu Button, then press  $\mathbb{W}$ . Only the temperature will be displayed in the Warm/Hold function; the time display will show "0".

#### Starting a Processing Cycle

To start a processing cycle, press the desired Menu Button (its LED will light), then press is (its LED will light). The time display will show the total processing time and will count down to the end

of the processing cycle. The temperature display will show the actual cavity temperature until the temperature reaches the setpoint, then it will display the programmed temperature.

#### Displaying Time/Temperature During a Processing Cycle

If you press D during a processing cycle, the probe icon under the temperature display will light and the probe temperature will be displayed for 5 to 8 seconds. You may press it again if you like.

Press 🗇 to display both Cook temperature and time programmed for the Menu Button you're using.

Press 💹 to display both Grill temperature and time programmed for the Menu Button you're using.

Press **T** to display programmed temperature only.

Press to display programmed time only.

#### Interrupting a Processing Cycle

If you want to check the food before the end of the processing cycle, press  $\bigcirc$ . This will turn off the heaters, the front lamp and the rotor. [] will flash.

Press 🖸 again to start the cycle from where it left off.

Press [•] to start all over at the beginning of the programmed cycle.

#### End of Processing Cycle

At the end of a Cook or Grill cycle, a buzzer will sound. Press 🖤 to silence the buzzer.

When the oven goes into the Warm/Hold cycle, the buzzer will sound, and the front lamp will cycle on and off with the heaters. Press to silence the buzzer. The temperature and time displays will show actual oven cavity temperature and time of day until reaching the holding temperature.

Press  $|_{\text{stop}}$  to end the holding process.

#### Changing a Programmed Setting

You may modify the temperature or time of a **Cook or Grill function only** on any Menu Button prior to starting processing, or during processing. Press  $\bullet$  (for temperature) or  $\bullet$  (for time) while at the same time pressing  $\uparrow$  or  $\bullet$ . This will not change the temperature or time programmed in the memory for that Menu Button.

#### Turning the Buzzer Off

Press 📖 .

#### Setting the End Time (Delayed Start)

Assume the roasting time is one hour and fifteen minutes and it is currently 2 o'clock. If you want to finish roasting at 4:00, program as follows:

Press and hold while pressing  $\uparrow$  or  $\checkmark$  to adjust the time to 4:00. The colon in the display will flash. The time display will show the cooking time.

Press . Cooking will begin at 2:45. Colon starts flashing. Roasting stops at 4:00; buzzer sounds. Press . Press . If after pressing  $\begin{bmatrix} start\\start\end{bmatrix}$  the end time comes earlier than the current time + the program time, a beep will sound (for three minutes) and the program will not start. The programmed end time is now cancelled, and when  $\begin{bmatrix} \bullet\\ start\end{bmatrix}$  is pressed again, the program starts in the normal way.

#### Setting an Early Warning Buzzer

You can program an early warning buzzer for basting or whatever reason. This function is completely independent of any program, whether it is running or not. The buzzer always sounds for three minutes.

As soon as you press when the buzzer is not engaged, the current time or the already programmed time will be shown in the display. Press  $\uparrow$  or  $\checkmark$  at the same time to program the moment when the beep tone will sound. The minimum is the current time. The maximum is the current time minus 1.

The buzzer delay time can always be changed as long as the beep tone has not sounded.

As soon as a beep tone sounds as a result of the elapsed buzzer delay time, the programming is cancelled.

#### Stopping the Rotisserie

Press ①. The heaters, the front lamp and the rotisserie will turn off. To start rotisserie again, see procedures described under "Interrupting a Processing Cycle."

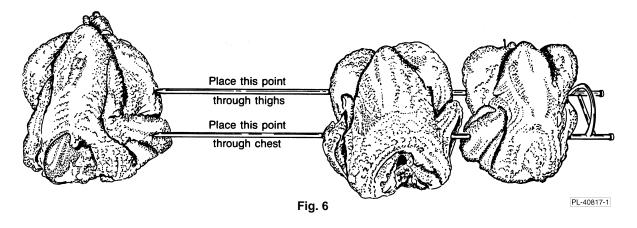
#### PREPARING THE PRODUCT

The oven is not designed to roast frozen foods. Use only fresh or previously thawed product. Before and after preparing poultry, clean all work areas. Maintain proper sanitation at all times.

#### SPITS

WARNING: SKEWERS ARE SHARP. BE VERY CAREFUL WHEN LOADING PRODUCT.

Skewer spits into whole poultry so that the 2 points go through the chest and thighs (Fig.6). **Leave approximately** 1/2" between each chicken to permit proper browning. Place the sharp end of the spit into the holes on one side of the rotisserie positioning the breast toward the operator. Fit the groove on the opposite end of the spit into the corresponding holes on the other side of the rotisserie. Turkey spit (optional) requires removal of the rotisserie drum to roast one whole turkey.



#### Tying Legs (Fig. 7)

Tie the legs of chicken or cornish hen together if desired.

#### Baskets

Make sure product in baskets does not stick out of the basket. Shortening is not needed.

#### Loading the Oven

Make sure the loaded spits will clear the top of the oven. Place weight so the rotisserie is evenly balanced. If spits and baskets are intermixed, use one less on each side of the spit so product does not collide during rotation. Insert spits, leave one space, then hang baskets (Fig. 8). Be sure spits and baskets do not touch when rotating. On HRO330 ovens, baskets hang on pins on opposite sides of the rotisserie. On HRO101 and HRO220, a pin on each side of the basket fits into the ringed holes on the rotisserie.

# PL-0818 Fig. 7

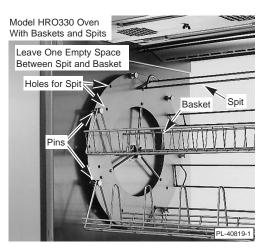


Fig. 8

#### SUGGESTED ROASTING GUIDELINES

Product	Thermostat	Time* (HH:MM)	Internal	Capacity			
	(°F)	("""	Temperature (°F)	HRO101	HRO220	HRO330	HRO550
Chicken, Whole, 2 lb	350 - 375	1:30 - 2:00	180 - 185	12 - 16	15 - 20	28 - 35	56 - 70
Cornish Hens, 1 lb	350 - 375	1:00 - 1:30	180 - 185	16 - 20	20 - 24	28 - 42	56 - 84
Duck, Whole, 4 - 4 <sup>1</sup> / <sub>2</sub> lb	350 - 375	2:00 - 2:30	180 - 185	8	10	14	28
Turkey, Whole, 11 - 13 lb	350 - 375	2:00 - 2:30	180 - 185	1	1	1	1
Roast Beef, 4 lb	350 - 375	1:00 - 1:30	140 Rare 160 Medium 180 Well Done	8	10	14	28
Pork Ribs, 3 lb	350	1:00 - 1:30	170	4	5	7	14

The chart indicates suggested cooking times and temperatures. Initial product temperature, size, shape, and other factors may require adjustment to suit your operation.

\* Times listed are for HRO101.

#### Unloading the Oven

Opening the door does not stop the rotisserie or cooking process. Turn rotisserie Off.

Remove spits or baskets. Advance rotation by turning rotisserie to Manual. Remove the next utensil.

#### **Emptying the Grease Drawer** (Fig. 9)

Empty the grease drawer when necessary. Be careful if grease is warm. Open the drawer. Provide a suitably large bucket or vessel under the drain plug and unscrew the plug. When empty, screw the drain plug tight.





#### **Cleaning the Grease Drawer**

When the machine is idle, empty and then remove the drawer. Wash it in a sink with warm soapy water. Any hard soil can be scrubbed with a soft, non-scratching pad.

#### WARMER CONTROLS (Fig. 10)

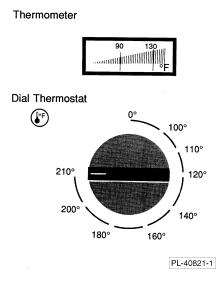


Fig. 10

Thermometer — Displays temperature in degrees Fahrenheit.

Thermostat — 0 is OFF. Turn dial to desired temperature.

#### USING THE WARMERS (Models W101, W220 and W330)

Fill the warmer drawer with cold water about three-quarters full to minimize steaming. Use softened water, if available, to reduce lime build-up in the drawer.

Cooked product other than poultry may be held in the warmer for 3 to 4 hours; then it must be refrigerated.

When holding poultry, it is recommended that the temperature of the warmer be at least  $180 - 200^{\circ}$ F and that poultry be held no longer than 2 hours.

Every 4 to 5 hours, add lukewarm water to the drawer as needed. If water evaporates completely, product will dry out.

#### CLEANING

WARNING: DISCONNECT ELECTRICAL POWER BEFORE CLEANING.

Allow oven to cool before cleaning.

#### CAUTION: Do not use oven cleaners. Do not clean with a high pressure hose.

Wash with warm soapy water, rinse and dry or use a commercial glass cleaner.

Clean the control panel with a damp cloth only.

Remove the oven rotisserie, spits, bottom plates, grease drawer, and other removable parts and wash in a sink with warm soapy water. Rinse thoroughly and dry with a soft clean cloth.

Return the clean drawer to the bottom of the oven. Clean the oven interior with warm soapy water. Rinse thoroughly and dry with a soft clean cloth. Remove any spillage in the grease drawer and wipe dry with a clean cloth.

On W101, W220 and W330, remove the water drawer and shelves; wash with warm soapy water, rinse and dry. If scale builds up on the water drawer or warmer interior, soak with vinegar. Rinse thoroughly and dry with a soft clean cloth.

#### CLEANING QUARTZ LAMPS

#### CAUTION: Do not clean the quartz lamps in the top of the oven with soap and water.

Clean lamps with a cloth soaked in alcohol. Do not touch the lamps with your bare hands. Be very careful when cleaning or handling the lamps. Lamps can be broken by mishandling.

Monthly, clean the ventilation grate and the fan blades in the top of the oven. Use warm soapy water, rinse thoroughly, and dry with a soft clean cloth. To reach the fan blades, remove the ventilation grate by unscrewing the nuts on either side of the vents. Then unscrew the nut in the center of the fan blade by turning **clockwise**. After cleaning, reinstall in reverse order.

### MAINTENANCE

**WARNING**: UNPLUG ELECTRICAL POWER SUPPLY BEFORE PERFORMING ANY MAINTENANCE.

**WARNING**: HOT GLASS, GREASE, AND PARTS CAN CAUSE BURNS. USE CARE WHEN OPERATING AND SERVICING THE OVEN.

#### MODELS HRO101 & HRO220

Should the rotisserie become out of alignment, use the allen key (provided) to unscrew and retighten the drum on the rotor shaft until properly aligned.

#### SERVICE

Contact your local Hobart office.