



ce cooking controls • even reheating and defrosting • merchandising 2004 • combination convection cooking • browning and gri

GE Profile™ and GE® Countertop and Built-In Microwave Ovens

A microwave oven for every kitchen.

imagination at work





JE1590SH shown with JX1530CSH over JT915SF.

A microwave oven for every kitchen.

GE Profile™ and GE® microwave ovens meet the many different needs of today’s consumers.



Microwave ovens have become indispensable tools for everyday cooking.

- Microwave ovens that brown and crisp are often used along with, or in place of, traditional ovens.
- Microwave ovens have become bigger and more powerful, giving consumers more cooking options.
- Models designed primarily for reheating and defrosting are now available at a tremendous value.

Consumer Cues by Order of Importance	
LESS THAN \$100	MORE THAN \$100
Price	Capacity
Capacity	Cooking Performance
Wattage	Wattage
Cooking Performance	Price
Brand	Brand
Ease of Use	Ease of Use
Appearance	Appearance

Consumers want better cooking performance.

- Among consumers willing to spend more than \$100 on a microwave oven, capacity is cited as the most important feature, followed by cooking performance.
- Consumers who plan to spend less than \$100 see capacity and cooking power as important.



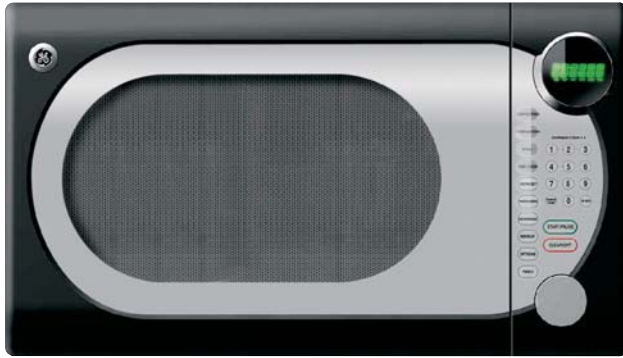
GE offers a microwave oven for every kitchen, every consumer.

- GE microwave ovens are divided into three categories:
 - “Cooking” models bake, broil, brown, roast and grill.
 - “Performance” models offer sensor-cooking controls for accuracy, along with spacious interiors and flexible installation*
 - “Value” models give consumers the capacity, power and convenience they want—at an affordable price.
- Three “Performance” models (JE1860, JE1460 and JE2160) have earned top ratings from a leading consumer magazine**
- Each category includes a variety of color options, including stainless steel.

*When combined with optional trim/hanging kits.
** January 2004

Cooking Technologies

GE Profile™ and GE® microwave ovens offer many options for cooking, reheating and defrosting.



“Cooking” models

1.2–1.5 cu. ft.

Up to 1000 watts

Includes models: JE1590, JES1290, JES1384 and JES1288



“Performance” models

1.0–2.2 cu. ft.

Up to 1200 watts

Includes models: JES2251, JE2160, JEM31, JE1860, JE1460 and JE1160



“Value” models

0.7–1.6 cu. ft.

Up to 1150 watts

Includes models: JES1656, JES1334, JES1142, JES1039, JEM25, JE740 and JES739



“Cooking”

Convection/Combination Cooking

Combines microwave power with traditional radiant heat to bake and roast foods with accuracy and speed.



“Cooking”

Browning

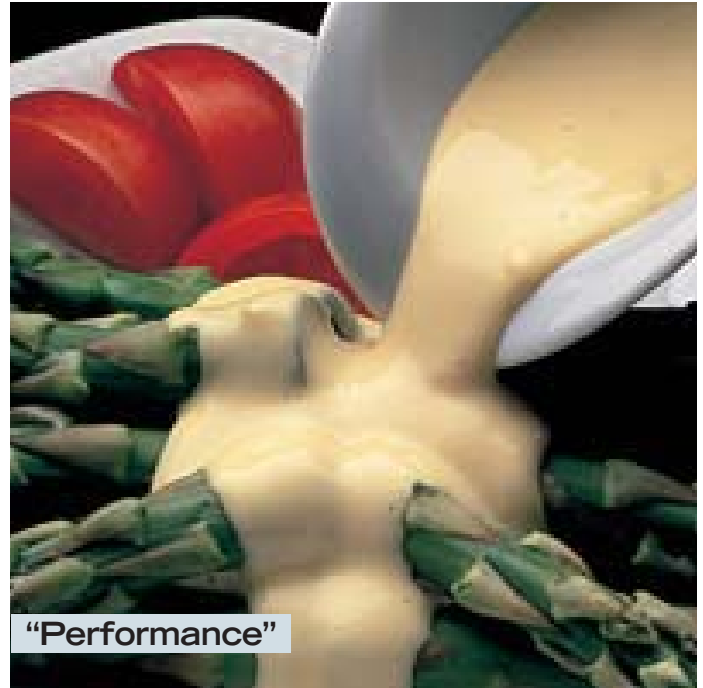
Uses a top element to crisp food on the surface.



“Cooking”

Double-Grill Technology

Uses top and bottom radiant heating elements to ensure even browning on both sides of food.



“Performance”

Inverter Technology

Delivers constant power, even on low settings such as “melt,” “soften” and “warm.”



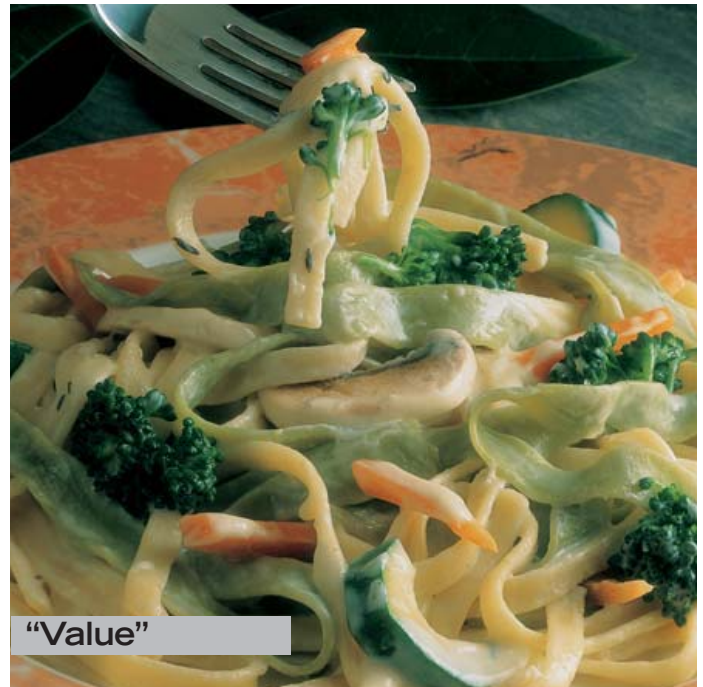
“Cooking”

“Performance”

“Value”

Sensor Cooking

Uses built-in sensors to automatically set power and time based on food moisture levels.



“Value”

Convenience Cooking

Offers preprogrammed settings for reheating and defrosting of everyday foods.

“Cooking” models.

GE Profile™ and GE® microwave ovens offer multiple cooking capabilities in a sleek, compact design.

GE Profile and GE Convection Microwave Ovens

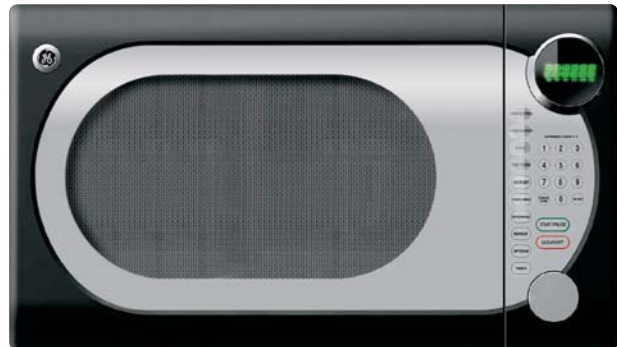


JE1590

1.5 cu. ft., 1000 watts*

- Three oven modes offer tremendous cooking versatility: convection, combination, sensor.
- Curved design complements other GE Profile appliances for a coordinated overall look.
- Optional built-in trim kit available.
- Available in stainless steel, white, bisque or black.

Shown with trim kit JX1530CSH.



JES1290

1.2 cu. ft., 1000 watts*

- Four oven modes offer exceptional cooking versatility: convection, combination, sensor and double-grill.
- Convenience cooking controls preprogrammed heat and time settings.
- Black and silver retro-style design makes a bold, kitchen-enhancing statement.
- Available in white or black.

Available September 2004

GE Top-Browning Microwave Ovens



JES1384

1.3 cu. ft., 1000 watts*

- Top-browning capability cooks the surface of food, producing a crisp texture.
- Convenience cooking controls offers preprogrammed heat and time settings for everyday foods like popcorn and pizza.
- Stainless steel exterior with tubular handle offers a sleek look that complements any kitchen.
- Fully finished in stainless steel, including case.



JES1288

1.2 cu. ft., 1000 watts*

- Double-grill technology ensures even browning of food on both sides, with no turning necessary.
- Adjustable dial and button controls quick, easy adjustment of time and temperature settings.
- Preprogrammed menu items lets you brown, crisp, grill, reheat and defrost at the touch of a button.
- Stainless steel, retro-style design makes a bold, kitchen-enhancing statement.
- Fully finished in stainless steel, including case.

“Performance” models.

GE Profile™ microwave ovens give consumers more cooking control and convenience.

GE Profile Inverter Microwave Oven—GE's First!



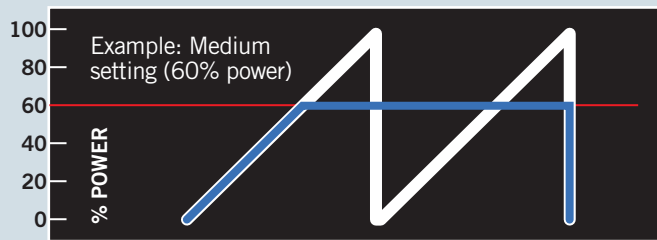
Available October 2004

JES2251

2.2 cu. ft., 1200 watts*

- Spacious 2.2 cu. ft. interior (GE's largest) allows consumers to heat and defrost multiple dishes at once.
- Sensor cooking controls automatically adjust time and power for perfect cooking results.
- Scrolling LED display provides helpful, easy-to-read cooking tips.
- Fully finished in stainless steel, including case.

Inverter-Controlled Cooking— Constant Power for Consistent Results



Traditional microwave technology

Cycles power on and off.

Inverter technology

Delivers constant power for precise performance at low microwave levels.

GE Profile Microwave Ovens with Sensor Cooking



Shown with trim kit JX2130SH.

JE2160

2.1 cu. ft., 1200 watts*

- Highly-rated in the large countertop category.**
- Sensor cooking controls automatically adjust time and power for perfect cooking results.
- Auto or Time Defrost automatically defrosts food.
- 16" recessed turntable with Instant On controls continually rotates food to ensure even cooking.
- Optional built-in trim kit available.
- Available in stainless steel, white, bisque or black.



Shown with undercounter mounting kit, Pub. No. 4-A019.

JEM31

1.0 cu. ft., 800 watts*

- Sensor cooking controls automatically adjust time and power for perfect cooking results.
- Scrolling LED display provides helpful, easy-to-read cooking tips.
- Turntable on/off is ideal for oversized, oblong-shaped dishes.
- Optional built-in trim or hanging kit available.
- Available in stainless steel, white or black.

*IEC-705 Test Procedure

**Rated by a leading consumer magazine – January 2004.

“Performance” models.

Top-rated GE® microwave ovens deliver perfect cooking results, with one-touch cooking convenience.

GE Microwave Ovens with Sensor Cooking



JE1860

1.8 cu. ft., 1100 watts*

- Rated #1 in the large countertop category**
- Sensor cooking controls automatically adjust time and power for perfect cooking results.
- Scrolling LED display provides helpful, easy-to-read cooking tips.
- Turntable on/off is ideal for oversized, oblong-shaped dishes.
- Optional built-in trim kit available
- Available in stainless steel, white, bisque or black.



JE1460

1.4 cu. ft., 1150 watts*

- Rated a “Best Buy” in the large countertop category**
- Sensor cooking controls automatically adjust time and power for perfect cooking results.
- Auto or Time Defrost automatically defrosts food.
- Recessed turntable maximizes usable oven space.
- Instant On controls allow quick, one-touch cooking and reheating.
- Available in white or black.

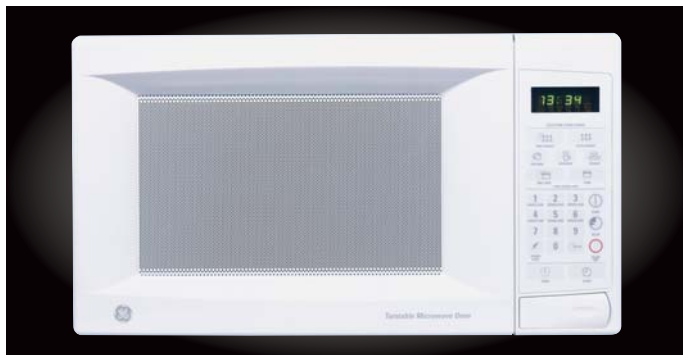


Model JE1160 also available. Refer to specifications chart.

“Value” models.

GE® microwave ovens give consumers the advantages of high power and performance at a low price.

GE Microwave Ovens with Convenience Cooking



JES1334

1.3 cu. ft., 1100 watts*

- Convenience cooking controls allow cooking and reheating at the touch of a button.
- Auto or Time Defrost automatically defrosts food.
- Add 30 seconds extends cooking time without the hassle of reprogramming.
- Available in stainless steel, black or white.



JES1142

1.1 cu. ft., 1100 watts*

- Convenience cooking controls allow cooking and reheating at the touch of a button.
- Auto or Time Defrost automatically defrosts food.
- Express Cook feature allows you to extend cooking time in one minute increments.
- Fully finished in stainless steel, including case.



JES1039

1.0 cu. ft., 1100 watts*

- Convenience cooking controls allow cooking and reheating at the touch of a button.
- Auto or Time Defrost automatically defrosts food.
- Add 30 seconds extends cooking time without the hassle of reprogramming.
- Available in white.



JES739

0.7 cu. ft., 700 watts*

- Convenience cooking controls allow cooking and reheating at the touch of a button.
- Auto Defrost automatically sets defrosting time and power level for fast defrosting.
- Available in white.

Models JES1656, JEM25 and JE740 also available. Refer to specifications chart.

Flexible Installation

Optional trim and hanging kits give GE Profile™ and GE® microwave ovens an integrated look.

An optional 27" or 30" trim kit allows built-in installation into a wall, in a cabinet or over a single electric wall oven. A hanging kit allows easy oven mounting beneath a cabinet to free up valuable counter space.



Countertop Microwave Oven



Microwave Oven with Built-In Trim Kit



Microwave Oven with Hanging Kit

Microwave Ovens

	"Cooking" models				"Performance" models		
	GE Profile™	GE®			GE Profile™		
	JE1590SH JE1590WH JE1590CH JE1590BH	JES1290WJ JES1290BJ	JES1384SF	JES1288SH	JES2251SJ	JE2160SF JE2160WF JE2160CF JE2160BF	
Capacity							
Oven cavity (cu. ft.)	1.5	1.2	1.3	1.2	2.2	2.1	
Features							
Microwave watts (IEC-705)	1000	1000	1000	1000	1200	1200	
Inverter technology					●		
Cooking element		Top-1200W Bottom-400W	Top-1100W	Top-1200W Bottom-400W			
Electronic touch controls	Tactile Switches/Dial	●	Tactile Switches/Dial	Tactile Switches/Dial	●	●	
Scrolling display	2-Line	●		●	●	●	
Convection controls							
Cook	●	●					
Combination Cook	●	MW + Convection					
Combination Roast		MW + Grill					
Grill controls		●		●			
Sensor controls							
Popcorn	●					●	
Beverage	●				●	●	
Reheat	●				●	●	
Vegetable						●	
Potato					●	●	
Chicken/Fish						●	
Dinner Plate					●		
Lunch/Snack					●		
Convenience controls							
Popcorn		●	●	●			
Potato		●	●	●			
Beverage		●	●	●			
Reheat		●		●			
Vegetable							
Cook		●					
Dinner Plate			●				
Pizza							
Express Cook (Instant On)	1-6 Min.	1-6 Min.	30 Second pad	1-6 Min.		1-6 Min.	
Warm/Soften controls					●		
Time cook	I & II	I & II	●	●	I & II	I & II	
Add 30 Seconds		●	●	●	Add 1 min.	●	
Auto/Time Defrost	●	●	●	●	●	●	
10 Power levels	●	●	●	●	●	●	
Turntable	Recessed	●	●	●	●	●	
Kitchen timer/Timer On/Off	- / ●	- / ●	● / -	● / -	- / ●	- / ●	
Delay Start/Reminder (24 hr.)					● / -	●	
Cooking complete reminder	●	●		●		●	
Child lockout	●	●	●	●	●	●	
Appearance							
Color appearance*	SS/WW/CC/BB	WW/BB	SS	SS	SS	SS/WW/CC/BB	
Case color	Black White Bisque Black	White Black	Stainless steel	Stainless steel	Stainless steel	Black White Bisque Black	
	Stainless steel White Bisque Black	White Black	Stainless steel	Stainless steel	Stainless steel	Stainless steel White Bisque Black	
Door color			Stainless steel	Stainless steel	Stainless steel		
Weights & Dimensions							
Approx. shipping wt. (lbs.)	59	49	40	49	51	51	
Cavity	15-1/4 x 10-7/8 x 15-1/4	14-1/2 x 9-5/8 x 15-5/8	14-24/25 x 9-20/29 x 15-1/5	14-1/2 x 9-5/8 x 15-5/8	17 x 11-1/2 x 19	17 x 11 x 19	
	WxHxD (in inches)	22-5/8 x 14-7/8 x 19-7/8	22 x 13-1/2 x 17-3/8	22 x 13-1/2 x 17-1/2	24 x 13-3/4 x 19-7/16	24 x 13-13/16 x 19-1/2	
Exterior**							
Power/Ratings							
2450 Frequency (MHz)	●	●	●	●	●	●	
Electric input Watts	1500	1500	1530	1800	1650	1550	
@ 120V Amperage	13	13	13	15	13.9	13.9	
Plug configuration	Straight	Straight	Straight	Straight	Straight	Straight	
Accessories							
Cooking guide label	Plus cookbook	●	●	●	●	●	
Oven rack	●	●	●				
Optional built-in kit	JX1530CSH/ JX1527CSH JX1530CWH/ JX1527CWH JX1530CCH/ JX1527CCH JX1530CBH/ JX1527CBH					JX2130SH/ JX2127SH JX2130WH/ JX2127WH JX2130CH/ JX2127CH JX2130BH/ JX2127BH	
Warranty							
Full one-year warranty†	In-Home	In-Home	In-Home	In-Home	In-Home	In-Home	
Limited nine-yr. magnetron warranty† (10 years total)	●	5-Year	5-Year	5-Year	●	●	

*SS = Stainless steel, WW = White on white, CC = Bisque on bisque, BB = Black on black.

**Exterior dimensions: height includes feet, depth does not include handle. †See written warranty for complete details.

				“Value” models							
GE®											
JEM31SF JEM31WF JEM31BF	JE1860SH JE1860WH JE1860CH JE1860BH	JE1460WF JE1460BF		JES1656SJ JES1656WH JES1656BH	JES1334SD JES1334WD JES1334BH	JE1160WD JE1160BD	JES1142SF	JES1039WF	JEM25WF JEM25BF	JE740WH JE740BH	JES739WD
1.0	1.8	1.4		1.6	1.3	1.1	1.1	1.0	1.0	0.7	0.7
800	1100	1150		1150	1100	1100	1100	1100	800	700	700
•	•	•		•	•	•	•	•	•	•	•
•	•	•		•							
•	•	•		•		•					
•	•	•		•		•					
•	•	•		•		•					
•	•	•		•		•					
•	•	•		•	•	Fresh/Frozen					
•	•	•		•		- / •					
					•		•	•	•	•	•
					•		•	•	•	•	•
					•		•	•	•	•	•
					•		•	•	•	•	•
					•		•	•	•	•	•
1-6 Min.	1-6 Min.	1-6 Min.		1-6 Min.	1-6 Min.	30 sec.	Start pad	1-6 Min.	1-5 Min.	1-6 Min.	
I & II	I & II	I & II		I & II	I & II	I & II	I & II	I & II	I & II	I & II	I, II & III
•	•	•		•	•	•	•	•	•	•	•
•	•	•		•	•	•	•	•	•	•	Auto
•	•	•		•	•	•	•	•	•	•	•
On/Off	On/Off	Recessed		•	•	•	•	On/Off	•	•	Recessed
- / •	- / •	- / •		- / •	• / -	• / -	• / -	• / -	• / -	• / -	• / -
•	•	•		• / -	• / -	• / -	• / -	• / -	•	•	
•	•	•		•	•	•	•	•	•	•	
•	•	•		•	•	•	•	•	•	•	•
SS/WW/BB	SS/WW/CC/BB	WW/BB		SS/WW/BB	SS/WW/BB	WW/BB	SS	WW	WW/BB	WW/BB	WW
Black White Black	Black White Bisque Black	White Black		Stainless steel White Black	Black White Black	White Black	Stainless steel	White	White Black	White Black	White
Stainless steel White Black	Stainless steel White Bisque Black	White Black		Stainless steel White Black	Stainless steel White Black	White Black	Stainless steel	White	White Black	White Black	White
40	48	45		42	44	37	40	37	40	33	33
16-23/32 x 8-1/16 x 12-15/32	17-1/16 x 9-3/4 x 18-5/16	14-13/16 x 9-7/8 x 16		16-9/16 x 10-9/32 x 16-11/16	14-1/2 x 9-1/5 15-1/4	13-11/16 x 8-1/2 x 14-15/16	14 x 9 x 14-11/16	13-7/32 x 9-1/8 x 13-23/32	16-23/32 x 8-1/16 x 12-15/32	13 x 7-11/16 x 13 x 12-3/8	11-3/4 x 7-11/16 x 12-3/8
23-25/32 x 11-11/64 x 12-9/32	23-7/8 x 13-9/16 x 18-13/16	21-7/8 x 12-5/8 x 17-1/4		22-19/32 x 13-17/32 x 17-3/8	21-1/2 x 11-7/8 22 x 12 x 17	11-13/16 x 16 x 15-7/8	20-11/32 x 11-11/16 x 15-3/4	23-25/32 x 11-11/64 14-15/16	19-1/4 x 10-13/16 12-55/64	19-1/4 x 10-13/16 x 13-9/16	19 x 11 x 12-7/8
•	•	•		•	•	•	•	•	•	•	•
1300	1550	1600		1600		1500	1500	1560	1300	1150	1050
11.5	13.6	13.5		13.5		13.0	13.0	14	11.5	10.5	9.3
Right	Straight	Straight		Straight	Straight	Straight	Straight	Straight	Straight	Straight	Straight
•	•	•		•	•	•	•	•	•	•	•
JX827SS JX827WN JX827BN	JX1830SB/ JX1827SB JX1830WB/ JX1827WB JX1830CB/ JX1827CB JX1830BB/ JX1827BB								JX827WN JX827BN		
Pub. No. 4-A019									Pub. No. 4-A019	Pub. No. 4-A019	
In-Home	In-Home	Carry-In		Carry-In	Carry-In	Carry-In	Exchange only	Carry-In	In-Home	Carry-In	Carry-In
•	•	•		5-Year	5-Year	•		5-Year	•	•	5-Year

A microwave oven for every kitchen.



“Cooking” models— 2nd ovens

- **Multiple oven modes** and advanced cooking technology expand consumers' cooking options.
- **Convection cooking** browns and crisps foods to perfection.
- **Combination cooking** gives consumers convection performance with microwave speed.
- **Double-grill technology** produces crisp, golden crusts and toppings.



“Performance” models

- **Top ratings awarded** to JE1860, JE1460 and JE2160 by a leading consumer magazine*
- **Spacious interiors** allow you to heat and defrost multiple dishes at once.
- **Sensor cooking** controls automatically adjust time and power for perfect cooking results.
- Unique designs allow a variety of **flexible installation options.**

*January 2004



“Value” models

- **Convenience cooking** controls allow cooking and reheating at the touch of a button.
- **Auto Defrost** sets defrosting time and power level for fast defrosting.



A Century of Quality and Innovation

For more than a century, GE has been committed to producing innovative products that change the way people live. The result of thorough research and rigorous testing, GE appliances are designed for years of dependable performance. Today, the GE tradition of quality and innovation continues.