

All about

Servicing

Electric Slide-In Ranges
with Electronic Controls

FRIGIDAIRE™

W White-Westinghouse

Gibson

Kelvinator 

TAPPAN

Electrolux Major Appliances; North America
250 Bobby Jones Expwy
Augusta, GA 30907

Section 1 Basic Information

This Manual has been prepared to provide Electrolux Service Personnel with Operation and Service Information for Electrolux Slide-In Ranges FGES3045K*, CGES3045K*, FGES3065K*, FGES3075K*, CGES3065K*, FPES3085K*, CPES3085K*.

Table of Contents

Section 1 Basic Information

Safe Servicing Practices	1-1
Table of Contents.....	1-2
Warnings and Safety Information	1-3
Precautions To Be Observed Before And During Servicing To Avoid Possible Exposure To Excessive Microwave Energy	1-4
Before Servicing	1-4
Danger High Voltage	1-4
Before Servicing	1-5
When Testing Is Completed	1-5
Microwave Measurement Procedure USA.....	1-6
Microwave Measurement Procedure Canada.....	1-7
Product Specification	1-8
Grounding Instructions	1-9
Electrical Requirements	1-9
Oven Diagram.....	1-10

Section 2 Operation

Operating Sequence Description.....	2-1
Off Condition	2-1
Cooking Condition	2-1
Oven Schematic-Off Condition.....	2-2
Oven Schematic-Cooking Condition.....	2-2
Touch Control Panel Assembly Outline	2-3
Key Unit	2-3
Control Unit	2-3
Power Level P-0 To P-90 Cooking	2-4
Power Output Reduction.....	2-4
Ventilation Methods Hot Air Exhaust	2-4
Sensor Cooking Condition	2-5
Cooking Sequence.....	2-5
Component Descriptions	2-6
Door Open Mechanism	2-6
Door Sensing And Secondary Interlock Switch	2-6
Monitor Switch	2-6
Thermal Cut-Out (Cavity).....	2-6
Turntable Motor	2-7
Cooling Fan Motor	2-7
Hood Fan Motor	2-7
Thermostat (60°Con).....	2-7
Antenna Motor	2-7
Cook Top Lamp.....	2-7
Humidity Sensor Circuit.....	2-8

Section 3 Troubleshooting and Testing

Warnings and Cautions.....	3-1
Troubleshooting Guide Chart.....	3-2
Test Procedures	3-3

Section 4 Component Teardown

Warnings and Cautions	4-1
Removal Of Oven From Wall	4-2
Hood Louver Removal	4-2
Outer Case Removal.....	4-2
Control Panel Assembly And Control Unit Removal..	4-3
Servicing The Touch Control Panel	4-3
Power Transformer Removal	4-4
Hood Fan Motor, Hood Duct, Oven Lamp Socket And Humidity Sensor Removal.....	4-5
Magnetron Removal	4-6
High Voltage Rectifier And High Voltage Hood Fan Thermostat (60°C On) Removal	4-7
Cooling Fan Motor Removal	4-7
Antenna Motor Removal	4-9
Stirrer Cover And Stirrer Antenna Installation	4-9
Oven Lamp Removal	4-9
Positive Lock® Connector (No-Case Type)	4-9
Door Sensing Switch, Secondary Interlock Switch And Monitor Switch Removal	4-10
Door Sensing Switch, Secondary Interlock Switch, And Monitor Switch Adjustment	4-10
Door Replacement.....	4-11
Door Disassembly.....	4-12
Turntable Motor Removal.....	4-13
Cook Top Lamp Socket Removal.....	4-13

Section 5 Wire Diagrams

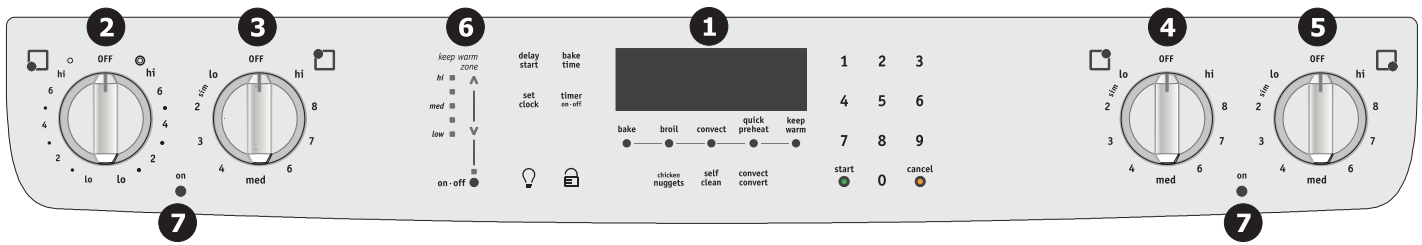
Wiring Schematic Oven ON Condition	5-1
Pictorial Component Diagram	5-2
Wiring Diagram	5-3

Section 6 Parts List

Parts Listing.....	6-1
Oven And Cabinet Parts Exploded View.....	6-3
Control Panel Exploded View	6-4
Door Parts FGMV185KW & FGMV185KB	6-5
Door Parts FGMV185KF & FGMV189KF.....	6-6
Packing and Accessories Exploded View	6-7

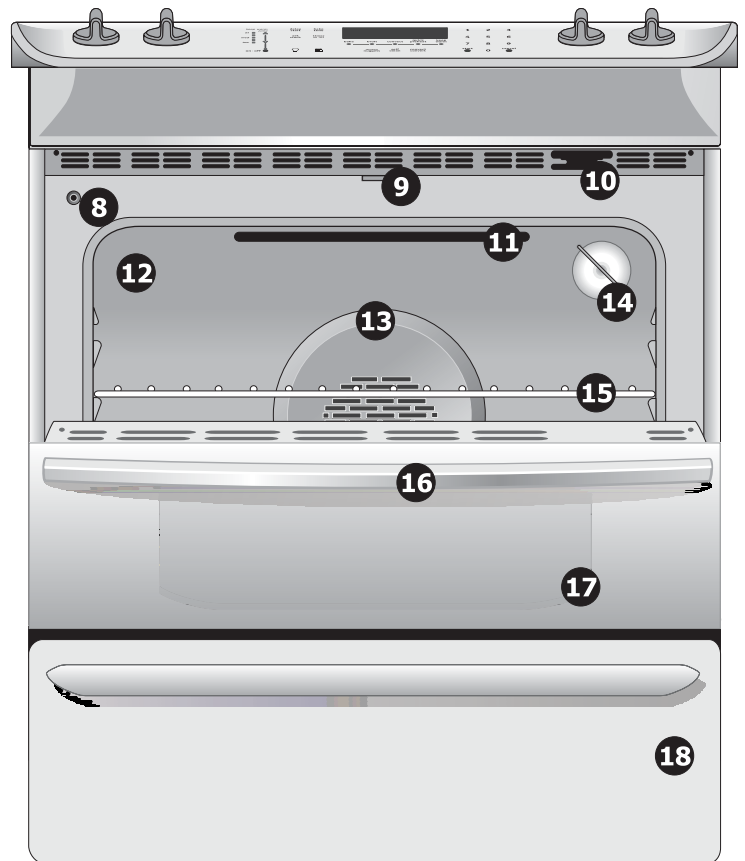
Feature at a Glance

Models A : FGES3045K*
CGES3045K*



Your built-in range Features:

1. Electronic oven control with kitchen timer.
2. Left front element control.
3. Left rear element control.
4. Right rear element control.
5. Right front element control.
6. Keep warm zone control.
7. Element on indicator light.
8. Automatic oven door light switch.
9. Self-clean door latch.
10. Oven vent.
11. Broil element.
12. Self-cleaning oven interior.
13. Convection bake cooking system.
14. Oven interior light with removable cover.
15. Adjustable interior oven rack(s).
16. Large 1-piece oven door handle.
17. Full width oven door with window.
18. Storage drawer.
19. 6" single radiant element.
20. Keep warm radiant element.
21. 6" single radiant element.
22. 6"/9" double radiant element.
23. 12" single radiant element.
24. Ceramic glass cooktop.
25. Hot surface indicator light.



NOTE

The features shown for your appliance may vary according to model type & color.

