

OWNER'S MANUAL

Heavy Duty Gas Ranges

Standard & Raised Griddles

- 24" Models:** ☐ R-R4 ☐ R-R2G-12 ☐ R-RG24
- 36" Models:** ☐ R-R6 ☐ R-R4G-12 ☐ R-R2G24 ☐ R-RG36 ☐ R-R4RG12
- 48" Models:** ☐ R-R8 ☐ R-RG12-6 ☐ R-RG24-4 ☐ R-RG36-2 ☐ R-RG48 ☐ R-RRG24-4
- 60" Models:** ☐ R-R10 ☐ R-RG12-8 ☐ R-RG24-6 ☐ R-RG36-4 ☐ R-RG48-2 ☐ R-RG60
☐ R-RRG24-6



FOR YOUR SAFETY:

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS OR LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.

CAUTION:

INSTRUCTIONS TO BE FOLLOWED IN THE EVENT THE USER SMELLS GAS SHALL BE POSTED IN A PROMINENT LOCATION. THIS INFORMATION SHALL BE OBTAINED BY CONSULTING THE LOCAL GAS SUPPLIER.

WARNING:

IMPROPER INSTALLATION, ADJUSTMENT, ALTERATION, SERVICE OR MAINTENANCE CAN CAUSE PROPERTY DAMAGE, INJURY OR DEATH. READ THESE INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS THOROUGHLY BEFORE INSTALLING OR SERVICING THIS EQUIPMENT.



MARKET FORGE
INDUSTRIES INC.

An Employee Owned Company

"The Premier Steam Cooking Equipment Manufacturer"

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INTRODUCTION

Important Information:

Safe and satisfactory operation of your equipment depends on proper installation. Installation must conform with local codes, or in the absence of local codes, the National Fuel Gas Code, (*ANSI Z-223.1 Latest Edition*). In Canada installation should conform to installation codes for gas burning appliances and equipment standard (*CAN1-B149.1 Natural Gas*) or (*CAN1-B149.2 Propane Gas*).

The installation must conform with local codes, or in the absence of local codes, to the national fuel gas code, ANSI Z223.1 (or latest addenda). The Appliance and its individual shut off valve must be disconnected from the gas supply piping system during any pressure testing of that system in excess of 1/2 PSI (3.45Kpa).

The appliance must be isolated from the gas supply piping system by closing its individual manual shut off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 PSI (3.45Kpa). The gas supply line must be at least the same size as the gas inlet of the appliance.

Electrical wiring from the Electric Meter, main control box or service outlet to appliance must be electrically grounded in accordance with local codes or, in the absence of local codes, the National Electric Code (*ANSI/NFPA 70 Current*). In Canada wiring should conform with Canadian Electrical Code (*CSA-C22.1*).

Shipping Damage Claim Procedure:

The equipment is crafted and inspected carefully by skilled personnel before leaving the factory. The transportation company assumes full responsibility for safe delivery upon acceptance of this equipment. If shipment arrives damaged:

Visible loss or damage:

Note the damage or loss on freight bill or express delivery and signed by the person making the delivery.

File claim for damages immediately:

Regardless of the extent of damages.

Concealed loss or damage:

If damage is noticed after unpacking, notify the transportation company immediately and file a "Concealed Damage" claim with them. This should be done within fifteen (15) days from the date delivered. Retain container for inspection.

Service:

Installation of the equipment should be performed by qualified, certified, licensed and/or authorized personnel who are familiar with and experienced in state/local installation codes.

Operation of the equipment should be performed by qualified and authorized personnel who have read this manual and are familiar with the functions of the equipment.

Service of the equipment should be performed by qualified personnel who are knowledgeable with Market Forge cooking equipment.

Air Supply and Ventilation:

Provisions shall be incorporated in the design of the kitchen, to ensure adequate supply of fresh air and adequate clearance for air openings into the combustion chamber, for proper combustion, and ventilation. For proper operation of the appliance, do not obstruct the flow of combustion and ventilation air.

The area in front of, around and above the appliance must be kept clear to avoid any obstruction of the flow of combustion and ventilation air. Adequate clearance must be maintained at all times in front and at the sides of the appliances for servicing and proper operation.

Means must be provided for any commercial, heavy-duty cooking appliance to exhaust combustion waste products to the outside of the building. Usual practice is to place the unit under an exhaust hood. Filters and drip troughs should be part of any industrial hood. Consult local codes before constructing and installing a hood.

Strong exhaust fans in this hood or in the overall air conditioning system can produce a slight vacuum in the room and/or cause air drafts, either of which can interfere with pilot or burner performance and can also be hard to diagnose. Air movement should be checked during installation; if pilot or burner outage problems persist, make-up air openings or baffles may have to be provided in the room.

INSTALLATION

READ BEFORE INSTALLING

Clearance:

When installing against combustible surfaces; rear - 4" (102mm) and sides - 15" (381mm) clearance is required. When installing ovens against non-combustible surfaces (*rear or side walls*) 0" clearance is required.

The area around the appliance must be kept free and clear of combustibles such as solvents, cleaning liquid, broom, rags, etc. Proper clearances must be provided at the front of the appliance for servicing and proper operation.

Leveling:

A carpenter's spirit level should be placed on the oven's center baking rack and the unit leveled both front-to-back and side-to-side. If it is not level, cakes, casseroles, and any other liquid or semi-liquid batter will not bake evenly, burner combustion may be erratic, and the unit will not function efficiently.

If the floor is relatively smooth and level, the unit may be further leveled with adjustment in the foot of the leg. Units with casters must be leveled with shims. A unit will probably not return to the same position after being moved, requiring re-leveling after each and every move.

Rating Plate:

The rating plate is located in front of the range below the oven section. Information on this plate includes the model, and serial number, BTU / hour input of the burners, operating gas pressure in inches WC, and whether the appliance is orificed for Natural or Propane gas. Pilot lighting instructions are also located in the same area.

UNIT MUST BE CONNECTED ONLY TO THE TYPE OF GAS IDENTIFIED ON THE RATING PLATE!

Electrical Connection:

Oven requires a 120 volt supply to operate the ignition system and blower. The supply cord provided along with the appliance is equipped with a three prong (*grounding*) plug for protection against shock hazard. The electrical service in the building must be equipped with a properly grounded three prong receptacle, in accordance with local codes, or in the absence of local codes, with the national electrical code, ANSI/NFPA 70-1987, in Canada, conform with Canadian electrical codes, CSA-C22.1.

Do not cut or remove the grounding prong from this plug. Wiring diagram is located on the backside of the appliance.

Disconnect power supply before cleaning or servicing.

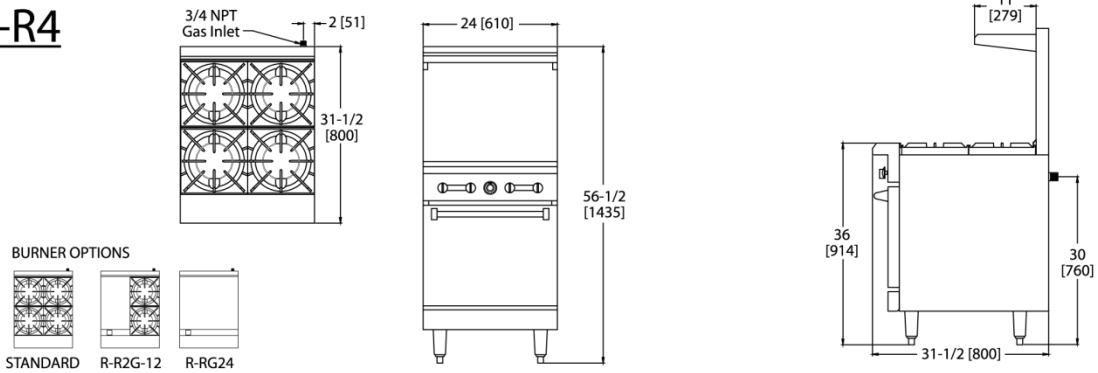
NOTE: *This appliance is not capable of being operated in the event of power failure. No attempt should be made to operate this appliance during power failure.*

Gas Connection:

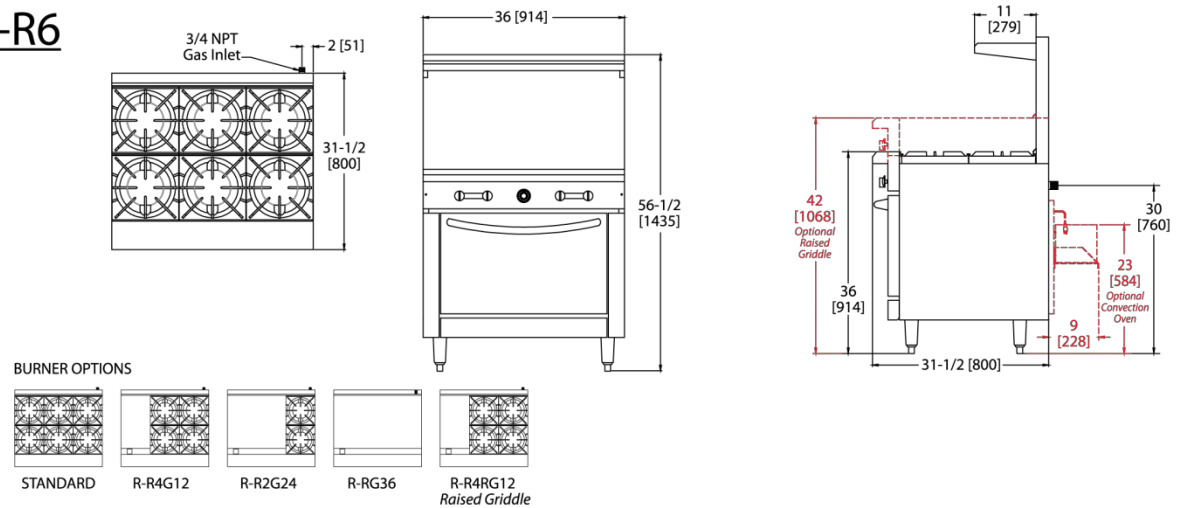
The gas supply (*service*) line must be the same size or greater than the inlet line of appliance. Oven uses a 3/4" NPT inlet. Sealant on all pipe joints must be resistive to LP gas.

Dimensions and Burner Options:

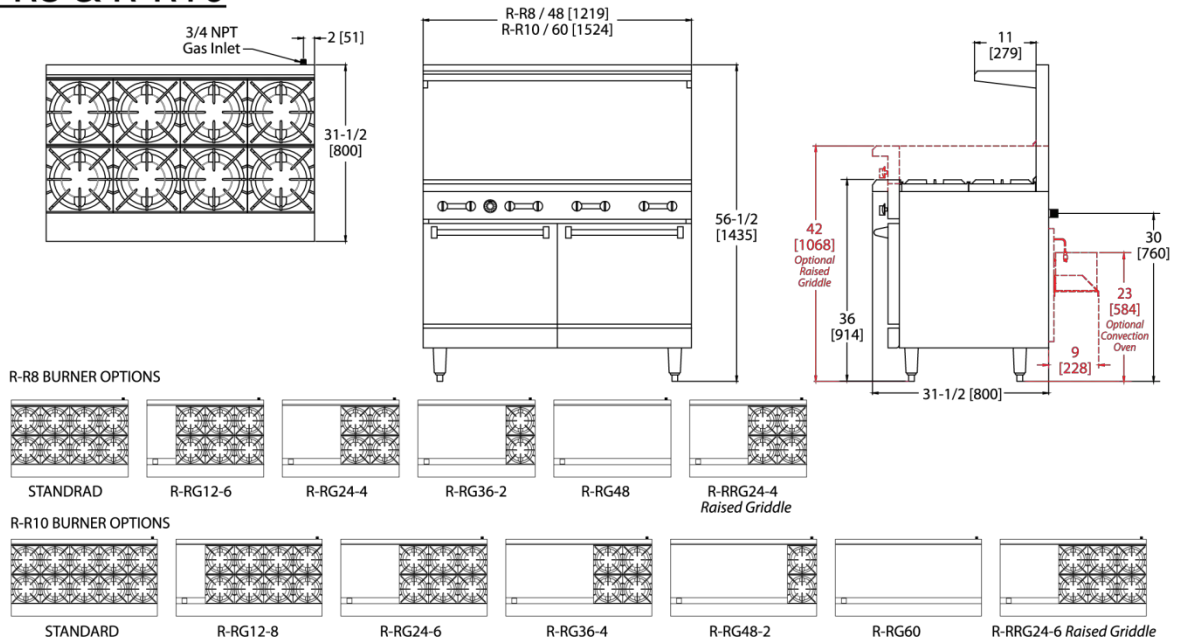
R-R4



R-R6



R-R8 & R-R10



Manual Shut-Off Valve:

This installer-supplied valve must be installed in the gas service line ahead of the appliance and regulator in the gas stream and in a position accessible in the event of an emergency.

Pressure Regulator:

Gas pressure regulator provided with the equipment must be installed when the appliance is connected to gas supply.

All commercial cooking equipment must have a pressure regulator on the incoming service line for safe and efficient operation, since service pressure may fluctuate with local demand. The pressure regulator comes with the oven. Failure to install the pressure regulator will void the equipment warranty!

The regulators supplied with MARKET FORGE INDUSTRIES, INC. Ovens, have 3/4" inlet /outlet openings and are adjusted at the factory for 5" WC (Natural gas) or 10" WC (Propane gas) depending on customer's ordering instructions.

Prior to connecting the regulator, check the incoming line pressure, as these regulators can only withstand a maximum pressure of ½ PSI (14"WC). If the line pressure is beyond this limit, a step-down regulator will be required. The arrow shown on the bottom of the regulator body shows gas flow direction; it should point downstream to the appliance. The red air vent cap on the top regulator is part of the regulator and should not be removed.

Any adjustments to regulators must be made only by qualified service personnel with the proper equipment.

Connections:

Please check installer-supplied intake pipes visually and /or blow them out with compressed air to clear any dirt particles, threading chips, or other foreign matter before installing a service line. When gas pressure is applied these particles can clog orifices. All connections must be sealed with a joint compound suitable for LP gas, and all connections must be tested with a soapy water solution before lighting any pilots!

Flexible Coupling, Connectors and Casters:

For an appliance equipped with casters the installation shall be made with a connector that complies with the Standard for Connectors for Movable Gas Appliances, ANSI Z21.69 or Connectors for Moveable Gas Appliances, CAN/CGA-6.16, and a quick –disconnect device that complies with the standard for Quick Disconnect Devices for Use with Gas Fuel, ANSI Z21.41, or Quick Disconnect Devices for Use with Gas Fuel, CANI-6.9. Adequate means must be provided to limit the movement of the appliance without depending on the connector and the quick-disconnect device or its associated piping to limit the appliance movement. Restraining devices may be attached to the back frame/panel of the unit.

If legs or casters are not used, the unit must extend 2" beyond the front edge of a noncombustible curb or platform. Broilers are for installation in non-combustible locations only.

Before lighting, check all joints in the gas supply line for leaks.

DO NOT USE AN OPEN FLAME TO CHECK FOR LEAKS!

Putting an open flame beside a new gas connection is extremely dangerous.

DO NOT USE APPLIANCE DURING PROLONGED POWER FAILURE AS THE VENT HOOD MAY NOT BE IN OPERATION RESULTING IN INADEQUATE VENTING!

INITIAL PILOT LIGHTING:

CAUTION: When lighting pilots and checking for leaks, do not stand with your face close to the combustion chamber.

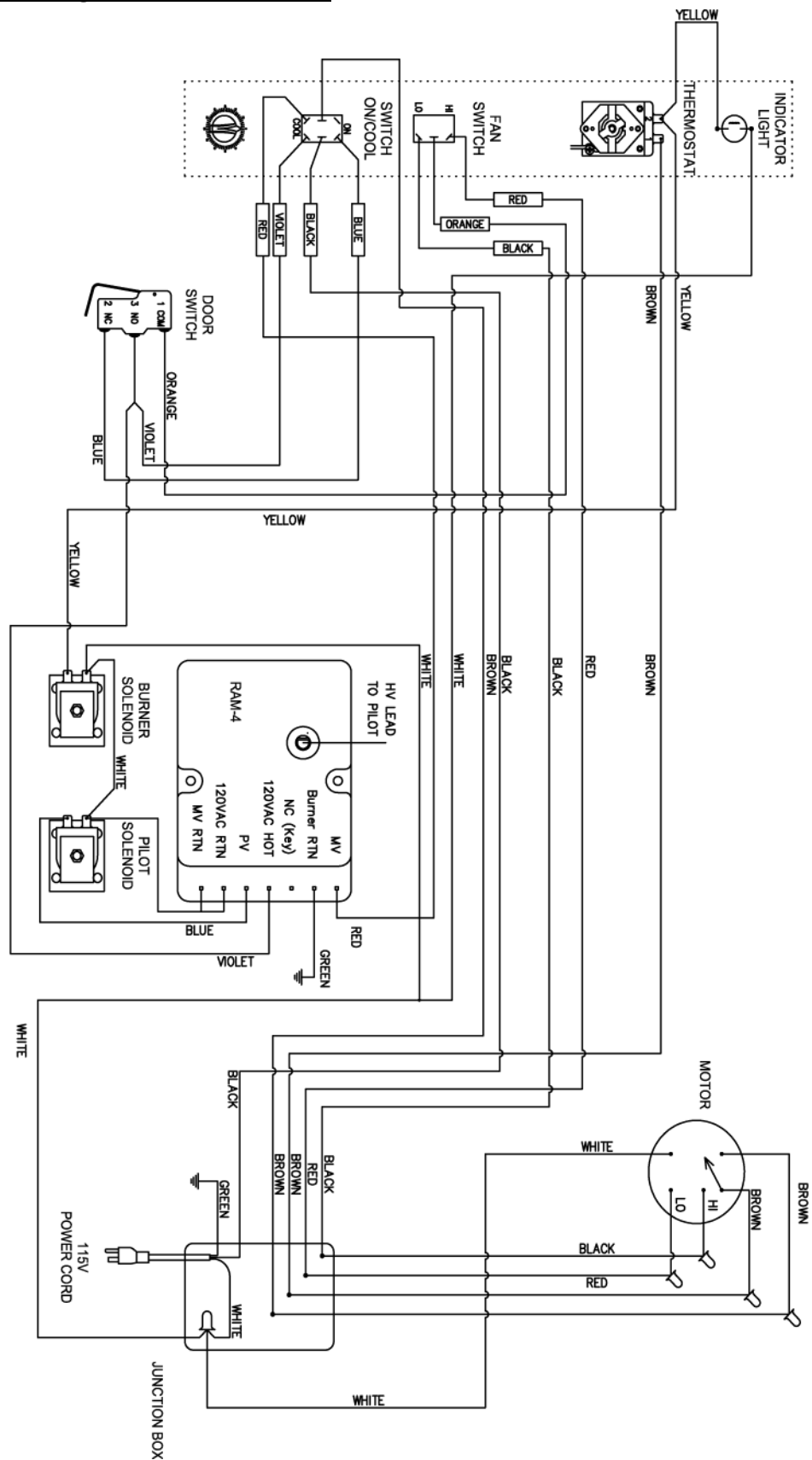
Check for Gas Leaks:

1. Remove the kick plate and the component cover at the rear of the oven
2. Check pilot tubing and burner tubing for leaks at the connectors with a soapy water solution.
3. Light the pilot as described above.
4. Turn the thermostat to any setting and the burner should light.
5. Check the burner orifice elbow connection downstream of the valve with a soapy water solution.
6. Check the burner visually for blue flame. There should be no yellow tips or soot. If yellow tipping occurs, call an authorized service person to adjust the burner air shutter.

Disclaimer:

All MARKET FORGE INDUSTRIES, INC. appliances are adjusted and tested before leaving the factory, effectively matching them to sea level conditions. Adjustments and calibrations to assure proper operation may be necessary on installation to meet local conditions; low gas characteristics, to correct possible problems caused by rough handling or vibration during shipment, and are to be performed only by qualified service personnel. These adjustments are the responsibility of the customer and/or dealer and are not covered by our warranty.

Wiring Diagram - Range Convection Oven:

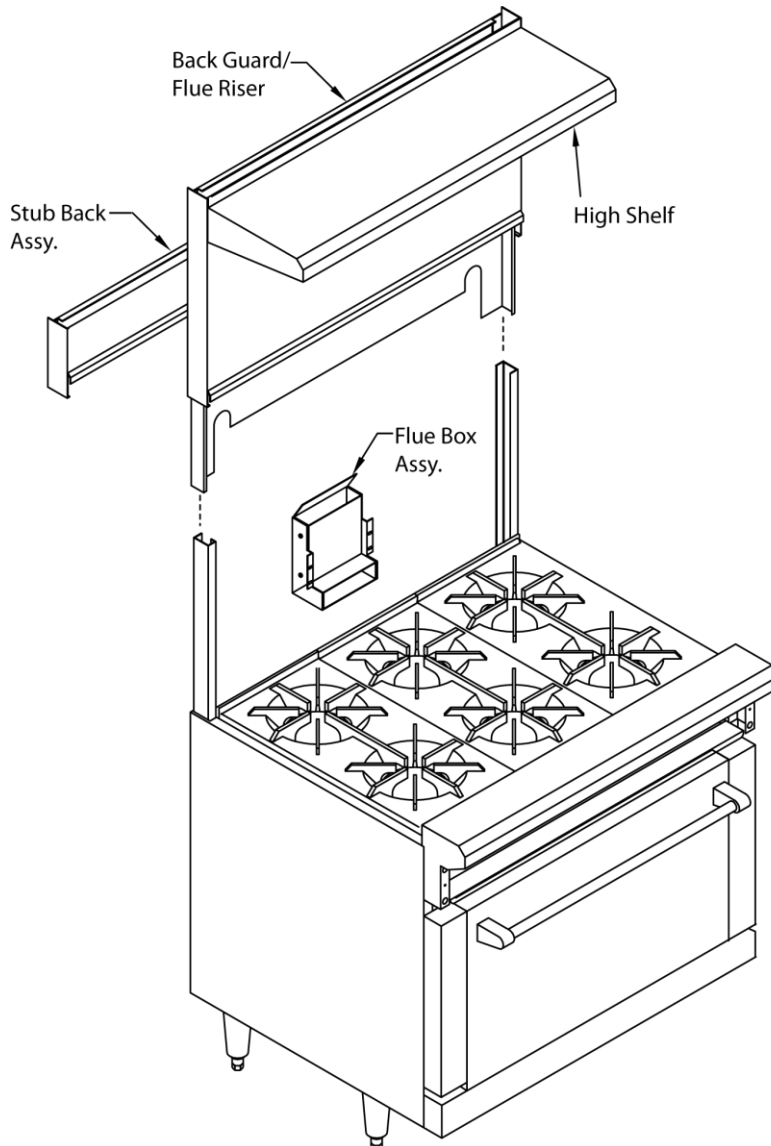


ASSEMBLY

HIGH SHELF ASSEMBLY:

1. Mount the back guard/ flue riser to the range with #10 sheet metal screws (12 total) in the back.
2. Mount the high shelf to the riser with 1/4-20 x 1/2 bolts provided (refer to the illustrated parts list in the back of this manual for the parts assembly of the back guard / flue riser).

NOTE: An authorized Service Personnel should install these items. If a Salamander /Broiler or CheeseMelter/Broiler is to be mounted on range, read installation instructions for Salamander /Broiler or CheeseMelter/Broiler (form no. S-6103) before installing high shelf. Special care must be taken to ensure that the gas supply piping and/or gas pressure regulator is not exposed to exhaust gases, or elevated temperatures.



OPERATION

Before lighting any pilots, make sure that burner valves and thermostats are turned “off”.

BEFORE FIRST USE

Griddles:

1. Clean the griddle surface thoroughly with hot, soapy water remove to protective oil coating applied at the factory.
2. Rinse with a mixture of ~ cup vinegar to one quart water.
3. Spread unsalted solid shortening or liquid frying compound evenly over the entire griddle surface.
4. Turn all griddle burners to medium and wait until the shortening begins to smoke, then turn the burners 'off'.
5. Rub the now melted shortening into the griddle surface with burlap, moving in the direction of the surface's polish marks and covering the entire surface.
6. Allow the griddle to cool.
7. When the griddle is cool after the second seasoning, wipe it with a thin film of shortening or cooking oil.

Ovens:

On initial installation turn the oven to 250° and operate for hour, then reset the thermostat to its maximum and operate for another hour. This will drive off any solvents remaining in the unit. At the end of this second hour, turn the thermostat off, open the door and allow the unit to cool. Oven should be thoroughly washed using hot soapy water before being used.

TOP BURNERS / RAISED GRIDDLE-BROILER / BROILER

All top section burners are equipped with constant-burning pilots. These are to be manually lighted immediately after the gas is turned on and the system is checked for leaks. Burner pilots are provided for each burner and can be rechecked for proper adjustment. Adjustments can be made with a screwdriver to the brass pilot valve accessible through the valve cover.

HOT TOP / GRIDDLE

The pilot should be lighted immediately after the gas is turned on and the system is checked for leaks. The pilot can be reached with a long match through the valve cover, or by lifting the plate upward and accessing through the top.

STANDARD OVEN

Pilot gas is tapped from the main burner manifold pipe, routed through tubing to a pilot safety valve, and then to the pilot burner. Gas flow is controlled by the safety valve.

Oven pilot lighting or relighting is to be completed in the following sequence:

1. Turn the oven thermostat knob to “off” and wait 5 minutes.
2. Remove the oven’s lower kick plate by lifting up and out. This exposes the pilot safety valve and the igniter button.

3. Make sure any accumulated gas has dispersed. Since propane gas is heavier than air, check near the floor area for the odor of propane gas before attempting to light any pilot burners.
4. Depress the red button on the safety valve and hold it in throughout the lighting procedure.
5. Press the red button of the pilot igniter, and you should hear a snap and see a spark at the pilot burner. If a spark or spark igniter is not present apply a lit match to the pilot burner head.
6. Continue to depress the safety valve button until the pilot remains lit when released.
7. If pilot is extinguished, repeat step 4 through 6 above.
8. Turn the oven thermostat knob "on" and set to desired temperature setting, watch to make sure the oven burner ignites from the pilot and that there are no yellow flames from the burner.
9. Turn the oven thermostat to "off" and replace the lower kick plate.

<p><u>NOTE:</u> <i>It may be necessary to relight the pilot several times until the lines are purged of any trapped air and a constant gas flow is attained.</i></p>

MAINTENANCE

If the appliance is on casters and is connected to the supply piping by means of a connector for movable appliances, there is a restraining device at the rear of the unit. If disconnection of the restraint is necessary, reconnect the restraint after the appliance has been returned to its originally installed position.

CAUTION: Never use Ammonia in an Oven that is warmer than room temperature and always have direct ventilation.

Daily Cleaning:

Clean top grate(s) with warm water, mild cleaner and wire brush. Clean and brush off debris from and around the burner area. Empty and clean grease pan. Griddle plates should be cleaned with warm water and scrubbed with cleaning abrasive such as a griddle brick of fine grit type. Top surface can also be 'bleached' with vinegar, pickle juice or club soda when the plate is warm.

All Ovens and Salamander/Broiler:

1. Remove the baking racks. Wash in hot soapy water and replace after the rest of the oven is cleaned.
2. Remove the oven bottom by lifting it out from the front then sliding forward, out of the oven.
3. Scrape off any food particles with a nylon griddle scraper. Be very careful about scratching the porcelain finish on the oven liner panels.
4. Wash all the above with hot soapy water, then reassemble.
5. Baked on spills may be loosened and stubborn stains removed with ordinary household ammonia and scrubbing with a nylon pad in a cold oven only.
6. Do not allow spray type oven cleaners to come into contact with the temperature probe in the oven.
7. After cleaning the oven, rinse well with 1/4 cup of vinegar to one quart of clear water solution to neutralize any caustic residue of the cleaning compound. Wipe dry.
8. Infra-red burners, available on Cheesemelters and Salamanders, are self-cleaning. The use of any solvents or wire brushes may damage tiles.

Periodic Cleaning:

Remove burner and clean with warm water and wire brush. Make sure the ports are not clogged. Check valves and lubricate, if necessary. Consult your service agency or local Gas Company.

Cleaning Stainless Steel:

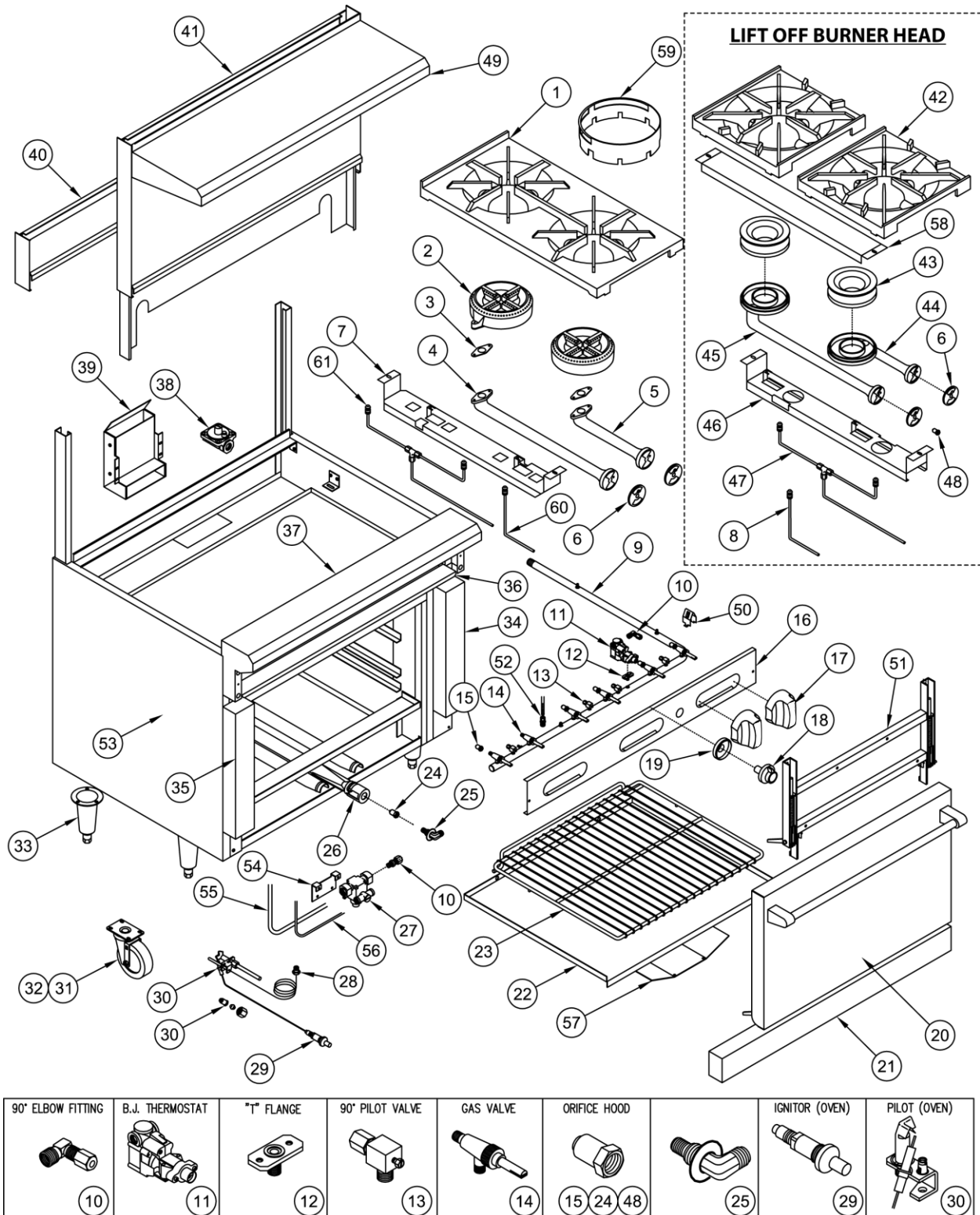
All stainless steel body parts should be wiped regularly with hot soapy water during the day and with a liquid cleaner designed for this material at the end of each day.

DO NOT USE steel wool, abrasive cloths, cleaners or powders to clean stainless surfaces! If it is necessary to scrape stainless steel to remove encrusted materials, soak in hot water to loosen the material; then use a wood or nylon scraper.

DO NOT USE a metal knife, spatula, or any other metal tool to scrape stainless steel. Scratches are almost impossible to remove.

ILLUSTRATED PARTS

Complete Range Exploded View



Complete Range Parts List

ITEM NO.	PART NO.	DESCRIPTION
1	93-5080	12" x 24" Top grate (cast iron)
2	93-5081	Open burner (head only)
3	93-5082	Open burner gasket & screw set
4	93-5083	18" Rear venturi (cast iron)
5	93-5084	6" Front venturi (cast iron)
6	93-5085	Air shutter (mixer)
7	93-5086	Burner hanger (open burner)
8	93-5087	Pilot assembly w/ferrule and compression nut (single burner)
9	93-5088	24" Manifold pipe
	93-5089	36" Manifold pipe
	93-5090	48" Manifold pipe
	93-5091	60" Manifold pipe
	93-5092	72" Manifold pipe
10	93-5093	1/4" NPT x 3/8" CC Straight fitting (brass)
11	93-5094	B.J. Thermostat (oven only)
	93-5095	1/4" NPT Plug (used to block outlet on thermostat)
12	93-5096	B.J. Thermostat flange
13	93-5097	1/8" NPT x 3/16" CC 90° adjustable single pilot valve (brass)
14	93-5098	Gas valve (brass) w/out orifice
15	93-5099	Orifice hood #42 Open burner natural, 26,000BTU
	93-5100	Orifice hood #53 Open burner propane, 26,000BTU
16	93-5101	24" Valve cover
	93-5102	36" Valve cover
	93-5103	48" Valve cover
	93-5104	60" Valve cover
	93-5105	72" Valve cover
17	93-5106	Blue knob – flat side down
18	93-5107	Thermostat dial (black) – Oven only
19	93-5108	Thermostat bezel (chrome)
20	93-5109	24" Oven door (complete)
	93-5110	36" Oven door (complete)
21	93-5111	24" Kick plate
	93-5112	36" Kick plate
22	93-5113	24" Oven bottom
	93-5114	36" Oven bottom
23	93-5115	24" Oven rack
	93-5116	36" Oven rack
24	93-5117	Oven burner # 36 Orifice (brass) natural gas
	93-5118	Oven burner # 50 Orifice (brass) propane gas

ITEM NO.	PART NO.	DESCRIPTION
25	93-5119	Orifice elbow 1/4" NPT x 3/8-27 (brass)
26	93-5120	"U" burner (oven)
27	93-5121	Oven safety valve with inverted flare nut and ferrule
28	93-5122	Thermocouple
39	93-5123	Manual spark igniter w/red push button
30	93-5124	Oven Pilot – Natural gas
	93-5125	Oven Pilot – Propane gas
31	93-5126	Caster 5" w/brake
32	93-5127	Caster 5" without brake
33	93-5128	Chrome cone legs
34	93-5129	Filler panel – right side
35	93-5130	Filler panel – left side
36	93-5131	24" Crumb tray
	93-5132	36" Crumb tray
	93-5133	48" Crumb tray (Please order 2 ea. of part # 30008)
37	93-5134	24" Landing Ledge
	93-5135	36" Landing Ledge
	93-5136	48" Landing Ledge
	93-5137	60" Landing Ledge
	93-5138	72" Landing Ledge
38	93-5139	Gas pressure regulator (nat. gas)
	93-5140	Gas pressure regulator (propane Gas)
39	93-5141	Flue box assembly.
40	93-5142	24" Stub back assembly
	93-5143	36" Stub back assembly
	93-5144	48" Stub back assembly
	93-5145	60" Stub back assembly
	93-5146	72" Stub back assembly
41	93-5147	24" Back guard assembly
	93-5148	36" Back guard assembly
	93-5149	48" Back guard assembly
	93-5150	60" Back guard assembly
	93-5151	72" Back guard assembly
42	93-5152	12" x 12" Top grate (cast iron)
43	93-5153	Open burner – Lift off burner cap
44	93-5154	6" Front venturi – Lift off burner base (cast iron)
45	93-5155	18" Rear venturi – Lift off burner base (cast iron)
46	93-5156	Burner hanger – Lift off burner
47	93-5157	Pilot assy w/ferrule & compression nut (double burner)
48	93-5158	Lift off burner # 39 Orifice natural gas (30,000 BTU.)
	93-5159	Lift off burner # 52 Orifice propane gas (30,000 BTU.)
49	93-5160	24" Shelf
	93-5161	36" Shelf
	93-5162	48" Shelf

ITEM NO.	PART NO.	DESCRIPTION
49	93-5163	60" Shelf
	93-5164	70" Shelf
50	93-5165	Thermostat bulb clip
	93-5166	Door frame assy. (20" oven)
51	93-5167	Door frame assy. (26 1/2" oven)
52	93-5168	1/8" NPT X 3/16" CC Brass Fitting
53	93-5169	Left Side Panel
	93-5170	Right Side Panel
	93-5171	Safety valve bracket (PN: 2174)
54	93-5172	Safety valve bracket (PN: 2174-B)
55	93-5173	3/8" Aluminized tubing (Specify length of tubing)
56	93-5174	3/16" Aluminized tubing (Specify length of tubing)
	93-5175	Oven flame spreader (26 1/2" oven)
57	93-5176	Oven flame spreader (20" oven)
58	93-5177	Top grate support bracket
59	93-5178	Wok ring
60	93-5179	Pilot assy w/ferrule and compression nut (single burner)
61	93-5180	Pilot assy w/ferrule and compression nut (double burner)

GRIDDLE

RADIANT BROILER

This diagram shows the exploded view of the GRIDDLE and RADIANT BROILER components. The GRIDDLE assembly includes a main body (1), a U-shaped channel (2), a long metal strip (3), a bracket (4), a support frame (5), a mounting bracket (6), a bolt (7), a nut (8), a screw (9), a pin (10), a valve assembly (11), a hose (12), and a connector (13). The RADIANT BROILER assembly includes a long metal strip (14), a bracket (15), a support frame (16), a mounting bracket (17), a bolt (18), a nut (19), a screw (20), a pin (21), a valve assembly (22), a hose (23), and a connector (24).

RAISED GRIDDLE

This exploded view diagram illustrates the assembly of the raised griddle. The components are numbered as follows:

- 10**: Screws used to secure the griddle body to the base.
- 20**: The main griddle body.
- 21**: A pin or clip used to secure the griddle body.
- 22**: A handle or grip.
- 23**: A support bar or bracket.
- 24**: A screw or fastener.
- 25**: A mounting plate or bracket.
- 26**: A long support bar or bracket.
- 27**: A small connector or pin.
- 28**: A long support bar or bracket.
- 29**: The griddle body shown in its assembled position.
- 30**: A griddle body shown in its disassembled position.
- 31**: A support bar or bracket.
- 32**: A support bar or bracket.

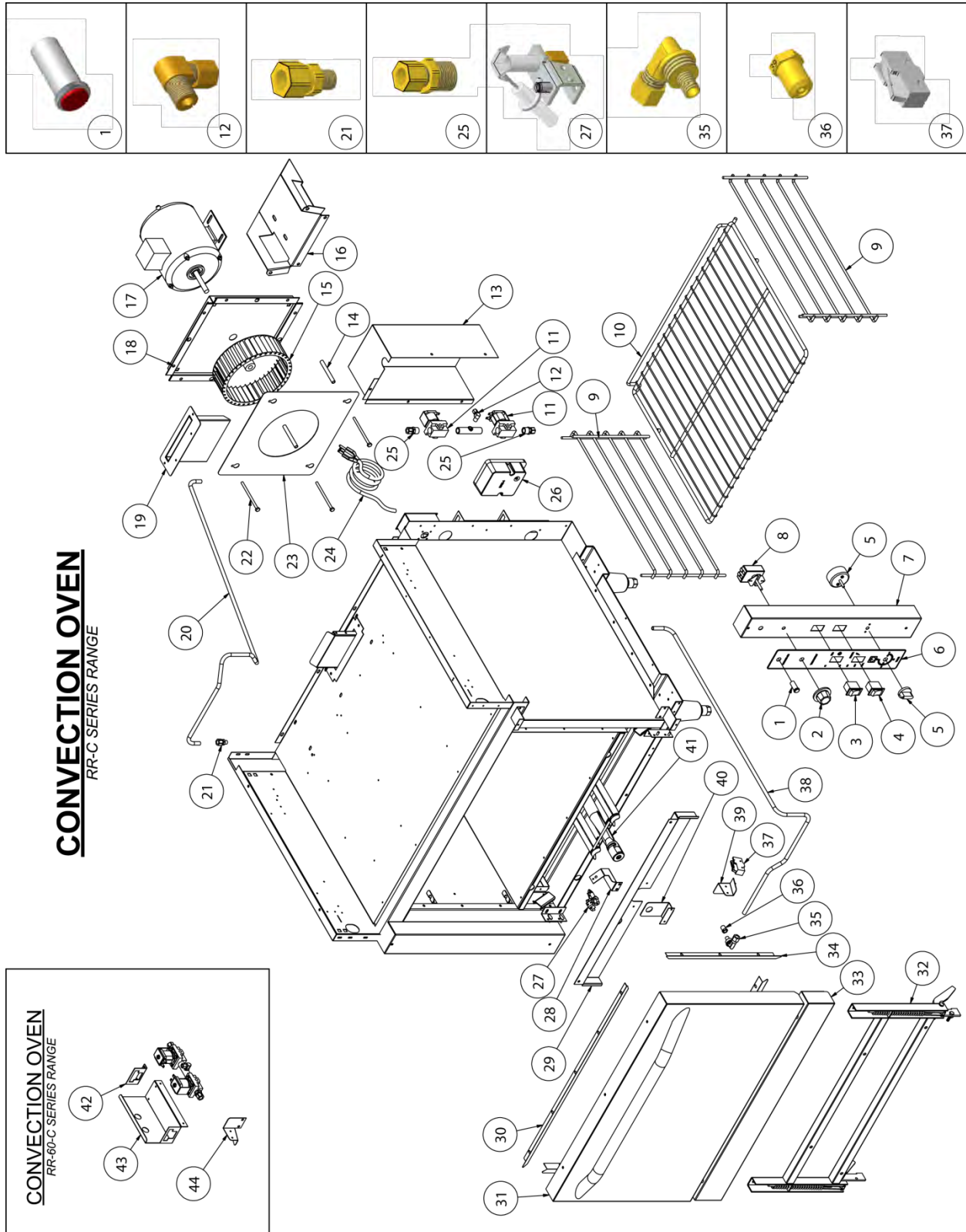
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Griddle, Radiant Broiler and Raised Griddle Parts List

ITEM NO.	PART NO.	DESCRIPTION
1	93-5181	12" Griddle plate assy. (Left)
	93-5182	12" Griddle plate assy. (Right)
	93-5183	24" Griddle plate assy. (Left)
	93-5184	24" Griddle plate assy. (Right)
	93-5185	36" Griddle plate assy. (Left)
	93-5186	36" Griddle plate assy. (Right)
	93-5187	48" Griddle plate assy. (Left)
	93-5188	48" Griddle plate assy. (Right)
2	93-5189	"U" burner (range griddle only)
3	93-5190	Pilot tip and tube assembly, range griddle
4	93-5191	Straight burner (range griddle only)
5	93-5192	Grease can assy.
6	93-5193	12" Front baffle (Left)
	93-5194	12" Front baffle (Right)
	93-5195	24" Front baffle (Left)
	93-5196	24" Front baffle (Right)
	93-5197	36" Front baffle (Left)
	93-5198	36" Front baffle (Right)
	93-5199	48" Front baffle (Left)
	93-5200	48" Front baffle (Right)
7	93-5201	Orifice hood (griddle) #46 (brass) natural, 20,000BTU
	93-5202	Orifice hood (griddle) #55 (brass) propane, 20,000BTU
8	93-5203	Orifice elbow 3/8 CC x 3/8-27 (brass)
9	93-5204	Adapter 3/8-27 x 3/8" CC (gas valve)
10	93-5205	Gas valve (brass) w/out orifice
11	93-5206	Thermostat flange nipple
12	93-5207	B.J. Thermostat (griddle)
13	93-5208	1/4 NPT x 3/8 CC Straight fitting
14	93-5209	3" x 21" Top Grate (Cast Iron)
15	93-5210	Burner radiant (cast iron)
16	93-5211	Stainless steel burner w/ air shutter
17	93-5212	Orifice hood (RB) #50 (brass) natural, 15,000BTU
	93-5213	Orifice hood (RB) #56 (brass) propane, 15,000BTU
18	93-5214	1/8" NPT x 3/16" CC Adjustable double pilot valve (brass)
19	93-5215	Pilot tip assembly
20	93-5216	Burner with radiant
21	93-5217	Orifice hood (RG) #50 (brass) natural, 20,000BTU
	93-5218	Orifice hood (RG) #56 (brass) propane, 20,000BTU
22	93-5219	Blue knob – flat side up
23	93-5220	RRG-12" Manifold pipe
	93-5221	RRG-24" Manifold pipe

ITEM NO.	PART NO.	DESCRIPTION
24	93-5222	3/8" Orifice extension fitting (brass)
25	93-5223	RRG-12" Valve cover
	93-5224	RRG-24" Valve cover
26	93-5225	RRG Grease can assy.
27	93-5226	1/8"NPT x 3/16CC 90° Adjustable single pilot valve (brass)
28	93-5227	Pilot tip and tube assembly, range raised griddle
29	93-5228	RRG-12" Griddle plate assy.
	93-5229	RRG-24" Griddle plate assy.
30	93-5230	RRG-12" Rack
	93-5231	RRG-24" Rack
31	93-5232	RRG-12" Crumb tray
	93-5233	RRG-24" Crumb tray
32	93-5234	RRG-12" Drip pan
	93-5235	RRG-24" Drip pan

Convection Oven Exploded View



Convection Oven Parts List

ITEM NO.	PART NO.	DESCRIPTION
1	93-5236	Indicator Light
2	93-5237	Thermostat Dial
3	93-5238	Switch, Oven Fan High/Low
4	93-5239	Switch, Power—3 Position
5	93-5240	Timer
	93-5241	Knob For Timer
6	93-5242	Control Panel Decal
7	93-5243	Control Panel R/H For 36" Range
8	93-5244	Thermostat
9	93-5245	Oven Rack Guide
10	93-5246	Oven Rack
11	93-5247	Solenoid Valve
12	93-5248	Brass Fitting - 1/4 CC X 1/8 NPT X 90 Degrees
13	93-5249	Module Cover
14	93-5250	Blower Spacer Tube
15	93-5251	Blower Wheel RR-C
16	93-5252	Motor Mount Bracket
17	93-5253	Motor
18	93-5254	Motor Mount Weld Plate Assy.
19	93-5255	Snorkel Tube Weld Assembly
20	93-5256	Manifold Tubing (Manifold To Solenoid 3/8 Aluminized Tubing)
21	93-5257	Straight Connector (3/8 CC X 1/8 NPT) (Male Thread)
22	93-5258	Hex Head Bolt (1/4-20 X 4)
23	93-5259	Blower Baffle
24	93-5260	Power Cord
25	93-5261	Straight Connector (3/8 CC X 3/8 NPT) (Male Thread)
26	93-5262	RAM-4 Spark Module
27	93-5263	Oven Pilot (Natural)
	93-5264	Oven Pilot (Propane)
28	93-5265	Pilot Bracket
29	93-5266	Oven Front Baffle
30	93-5267	Door Seals (Top—Bottom)
31	93-5268	Convection Base Oven Door (Complete Assy.)
32	93-5269	Convection Base Door Frame Assy.
33	93-5270	36" Kick Plate
34	93-5271	Door Seal Sides
35	93-5272	Orifice Elbow (3/8 CC X 3/8-27)
36	93-5273	Orifice Hood #39 (Brass) Natural Gas 30,000 B.T.U.
	93-5274	Orifice Hood #52 (Brass) Propane Gas 30,000 B.T.U.

ITEM NO.	PART NO.	DESCRIPTION
37	93-5275	Switch, Oven Door
38	93-5276	Burner Tubing 3/8 Diameter Aluminum
39	93-5277	Door Switch Bracket
40	93-5278	Oven Elbow Bracket
41	93-5279	"U" Burner (Oven)
42	93-5280	Solenoid End Bracket
43	93-5281	Solenoid Bracket
44	93-5282	Door Switch Bracket L/H for RR-60-C