

## INSTALLATION MANUAL, USE AND CARE AND WARRANTY FOR

## **ICONICA DUAL FUEL RANGES**

CUISINE SEALED TOWER BURNERS (Model Numbers on page 15)





PERFORMER OPEN BURNERS

(Model Numbers on page 16)

CUISINE ARR-305DF

Shown with optional leg caps.

PERFORMER ARROB-486GRDF

**DESIGN** 

**(** 

CLASS

5

**FUNCTION** 



## **ABOUT THIS MANUAL**

# BEFORE USING YOUR APPLIANCE, PLEASE READ THIS MANUAL, PAYING SPECIAL ATTENTION TO THE IMPORTANT SAFETY INSTRUCTIONS LOCATED IN THE NEXT SEVERAL PAGES

This manual is divided into several sections: (Model numbers for Cuisine Burner Ranges page 12 and Performer Burner Ranges page 13)

- Important Safety Instructions informs you about significant safety precautions when installing and operating your new appliance. THIS IS A MUST READ SECTION OF THE MANUAL.
- Installation Section describes how to unpack the unit, what to save and what to discard, installation dimensions, gas and electrical connections and how to identify the primary parts of the product so you can better understand what's going on "under the hood."
- How to Operate Your Range Section shows you how to light the burners, set the range for broil or bake and how to use convection to speed cooking times and improve the quality of your baked and roasted dishes.
- Care and Cleaning discusses how to keep your product in good operating condition, how to identify what might be going wrong with the unit, and how to communicate your observations with authorized field service technicians.
- **Troubleshooting** describes how to troubleshoot common issues.
- 33 Iconica Model and Parts Identification shows available parts for your range.
- 34 Warranty





# WARNING NEVER OPERATE THE TOP SURFACE COOKING SECTION OF THIS APPLIANCE UNATTENDED.

- » Failure to follow this warning statement could result in fire, explosion, or burn hazard that could cause property damage, personal injury or death.
- » If a fire should occur, keep away from the appliance and immediately call your fire department.

## DO NOT ATTEMPT TO EXTINGUISH AN OIL/GREASE FIRE WITH WATER.



#### FOR YOUR SAFETY!

Do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.





#### **WARNING!**

Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury or death. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.



# **IMPORTANT** – PLEASE READ AND FOLLOW!

Instruction to be followed in the event the user smells gas must be posted in a prominent location. This information must be obtained by consulting the local gas supplier.

- Before beginning, please read all the instructions carefully.
- DO NOT remove permanently affixed labels, warnings, or plates from product. This may void the warranty.
- All local and national codes and ordinances must be observed, installation must conform with local codes.
- The Installer must leave these instructions with the consumer who must retain for local inspector's use and for future reference.
- Installation and service must be performed by a qualified installer, service agency or gas supplier.
- Please ensure that the product is properly grounded.
- In the Commonwealth of Massachusetts, installation must be performed by a licensed plumber or gas fitter.

Your safety and the safety of others is very important. We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the SAFETY ALERT SYMBOL. This symbol alerts you to hazards which will result in severe injury or death.



**DANGER** 

Hazards or unsafe practices which will result in severe personal injury or death.



**WARNING** 

Hazards or unsafe practices which may result in severe personal injury or death.



**CAUTION** 

Hazards or unsafe practices which may result in minor personal injury or property damage.



**WARNING** 

CA PROPOSITION 65: The burning of gas cooking fuel generates some chemical by-products which are on the list of substances known by the State of California to cause cancer, birth defects and/or reproductive harm. To minimize exposure to these substances, always operate this unit according to the Owners Manual, ensuring to provide proper ventilation.



**WARNING** 

This is a vented appliance. The appliance is not to be installed in conjunction with an air curtain, range hood, or ventilation systems which operates by blowing air downward towards the appliance. This type of ventilation system may cause ignition and combustion problems with the gas cooking appliance resulting in personal injury or unintended operation.





A ground fault interrupter (GFI) shall be used as required by NFPA-70 (National Electric Code), Federal / State / Local laws or local ordinances.

- » The required use of a GFI is normally related to the location of the receptacle to its proximity to significant sources of water or
- » American Range will not warranty any problems resulting from GFI outlets which are not installed properly or do not meet the requirements below.

## IF THE USE OF A GFI IS REQUIRED, it must be:

- » The receptacle type (breaker type or portable type not recommended).
- » Used with permanent wiring only (temporary or portable wiring not recommended).
- » On a dedicated circuit (no other receptacles, switches or loads in the circuit).
- » Connected to a standard breaker or appropriate size (GFI breaker of the same size not recommended).
- » Rated for class (5mA + 1mA trip current) as per UL 943 standard.
- » In good condition and free from any loose-fitting gaskets (if applicable in outdoor situations).
- » Protected from moisture (water, steam, high humidity) as much as reasonably possible.

WARNING	

To prevent possible damage to cabinets and cabinet finishes, use only materials that will not discolor or delaminate and will withstand temperatures up to  $194^{\circ}F$  ( $90^{\circ}C$ ). Heat resistant adhesive must be used if the product is to be installed in laminated cabinetry, check with your builder or cabinet supplier to make sure that the materials meet these requirements.



The use of cabinets for storage above the oven may result in potential fire or burn hazard.

**DANGER** 

To avoid risk of electrical shock, personal injury or death; verify your appliance has been properly grounded in accordance with local codes, or in absence of codes, with the National Electrical Code (NEC), ANSI/NFPA 70 latest edition, or in Canada, to Canadian electrical codes, CSA, C22.2.

**WARNING** 

Do not use the handle or oven door to lift the oven, remove pull down door before installation to ensure that it is not used to lift the unit. Make sure pins are inserted into hinges before removing door to prevent injury to hands and / or fingers. (See installation instructions)

**WARNING** 

The misuse of the oven door(s) (e.g.; stepping, sitting, or leaning on them) can result in hazard or injuries and damage to the product.

**WARNING** 

This appliance must not be used for space heating. This information is based on safety considerations.

**WARNING** 

MOVING HAZARD: To avoid risk of severe personal injury; this appliance requires two or more personnel while handling and moving. Use of moving device is recommended.

# **WARNING**

IF THE INFORMATION IN THIS MANUAL IS NOT FOLLOWED EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING DAMAGE, PERSONAL INJURY OR DEATH

INSTALLATION AND SERVICE MUST BE PERFORMED BY A CERTIFIED / LICENSED INSTALLER, SERVICE AGENCY OR THE **GAS SUPPLIER** 

- » Do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.
- Please observe all local and national codes and ordinances.
- » Do not remove any permanent warning labels or plates from this product.
- Please ensure that this product is electrically grounded.
- » Consumers must retain these instructions for local inspectors and for future use.

## WHAT TO DO IF YOU SMELL GAS

- » Do not try to light any appliance
- » Using a neighbor's phone, immediately call your gas company
- » Do not touch any electrical switch
- » Follow the gas supplier instructions
- » Do not use any phone in your building
- » If you can not reach your gas supplier, call the Fire Department

## **PRECAUTIONS**

### 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 the safe delivery upon acceptance of the equipment.

If you receive a damaged product, immediately contact your delivery company, your dealer, your builder or installer. Do not install or attempt to operate a damaged appliance.

- 1. Note on the freight bill or express delivery any visible loss or damage and have the note signed by the person making the delivery.
- 2. File claim for damages immediately regardless of the extent of damages.
- 3. For damage noticed after unpacking (concealed loss or damage), notify the transportation company immediately and file a "Concealed Damage" claim with them. This must be done within fifteen (15) days from the date that delivery is made to you. Retain the shipping container for inspection.

## **CAUTION**

Check your local building codes for proper installation methods. In the absence of local codes, this appliance must be installed in accordance with the National Fuel Gas Code No. Z223.1 current issue, and the National Electrical Code ANSI/NFPA No. 70 current issue, or the CAN - B149 Installation Codes for Gas Burning Appliances, and C22.1 Canadian Electrical Code Part 1.

Verify the type of gas supplied to the location, being sure that the appliance is connected to the type of gas for which it is certified. Models come from the factory certified for use with Natural Gas (NG) or Liquid Propane (LP) gas. Your product, shown on the rating label and the supplied gas type must be the same. Upon opening your product, the rating label can be located on the front panel. If it is a cooktop, the rating label can be found on the side panel underneath the left burner.

If connecting this appliance to propane gas, make certain the propane gas tank is equipped with its own high-pressure regulator – in addition to the pressure regulator supplied with this product when applicable. The maximum propane gas pressure to this appliance must not exceed 14.0 inches of water column (34.9 millibar) from the propane gas tank to the pressure regulator.

Your appliance must be installed by a qualified gas installation technician. Have the technician show you the exact location of the gas shut-off valve on the incoming gas line so you know how to turn off the gas if necessary.







## **DANGER**

Do not store items of interest to children above or near the appliance. Children, as well as adults, must never be allowed to sit, stand or climb on any part of the appliance. Serious personal injury may occur.

## **WARNING**

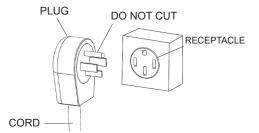
Always DISCONNECT the electrical plug from the wall outlet power source before servicing the unit. It is recommended that a dedicated electrical circuit be used for this appliance. Always turn gas shut-off valve to OFF position before servicing unit.



## CAUTION

This appliance must be connected to a properly grounded and polarized electrical power supply. The customer is responsible for supplying the 4-prong electrical receptacle, plug and power supply cord, to be installed by a licensed electrician. The gas burner re-ignition system depends on a sound electrical ground connection for a safe reliable operation.

- » DO NOT or remove the ground prong.
- » DO NOT use an adaptor plug.
- » DO NOT use an extension cord.
- » DO NOT use a supply cord that is frayed or damaged.





## DANGER

To avoid the possibility of explosion or fire, do not store or use combustible, flammable or explosive liquids (such as gasoline) or vapors inside or in the vicinity of this or any other appliance. Keep items that could explode, such as aerosol cans, away from the product. Do not store explosive or flammable materials in nearby cabinets or areas. Keep the oven door closed during cooking. Be careful when opening the oven door during cooking as heated air will escape. When door is opened, DO NOT touch the heating element, inside walls and surfaces, racks and rack supports, oven door liner and glass as they are hot enough to cause burns. The heat deflector which deflects heat away from the control panel and the oven door side will also be hot during use.

## **WARNING**

POWER FAILURE WARNING: DO NOT attempt to light or operate the range top surface burners and grills during a power failure. The safety system on these burners will not function during a power failure. Rotate the burner knobs to the OFF position during a power failure and ensure that they remain in the OFF position when not in use.

"NEVER OPERATE THE TOP SURFACE COOKING SECTION OF THIS APPLIANCE UNATTENDED

## **WARNING**

The California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) requires the Governor of California to publish a list of substances known to the State of California to cause cancer or reproductive harm, and requires businesses to warn customers of potential exposures to such substances. Users of this appliance are hereby warned that when the oven is operated, there may be some low-level exposure to some of the listed substances including carbon monoxide. Exposure to these substances can be minimized by properly venting the oven to the outdoors using approved overhead ventilation equipment or by opening the windows and/or doors in the room where the appliance is located. This appliance must not be operated without a properly sized and functional ventilation hood.



## WARNING

To reduce the risk of appliance tipping, it must be secured to the wall with a properly installed anti-tip bracket. To make sure the bracket has been installed properly, inspect behind the range using a flashlight.

- » Anti-tip devices are supplied where applicable and are necessary for range products.
- » This range can tip causing personal injury
- » See Installation Instructions supplied with the range and install the anti-tip device packaged with the range
- » If the anti-tip device cannot be located, contact American Range Customer Service by calling 818.897.0808 or by contacting us at www.AmericanRange.com





## **CAUTION**

Purchase a kitchen fire extinguisher for your home and store it in close proximity to your appliance. Should an uncontrolled fire occur, never use water on grease fires. Never pick up a flaming pan. The oven door interior and exterior, especially the glass can get hot during operation. Do not touch the glass – use the door handle to open or close the range door.

The push-to-turn gas valve knobs on the appliance are designed to be child-safe, however, they are not a guarantee of operation. Children must not be left alone or unattended in the kitchen while the appliance is in use. Never leave the appliance unattended during use. Boil-overs may occur, causing spills which may ignite.

Never wear loose fitting or long sleeved apparel while cooking. Never wear garments made of flammable materials. Clothing may ignite or catch utensil handles. DO NOT drape towels or other items on door handles. These items could ignite and cause burns.

If your product is a range or oven ALWAYS place oven racks in the desired position before you start cooking and while the oven is cool. Always use dry and sturdy pot-holders to carefully slide the oven rack out to add or remove food.

If your product is a range or cooktop located near a window, be certain window curtains or other flammable objects do not blow over or near the range burners; the items could catch on fire.

If operating the surface burners, the flame must be adjusted to just cover the bottom of the pan or pot. Excessive high flame settings may cause scorching of the nearby counter-top surface, as well as the outside of the utensil and handles.

ALWAYS turn the appliance off at the end of cooking.

When dehydrating food items, periodically check during the process to ensure that they do not catch on fire.

If you are "flaming" liquor or other spirits under an exhaust, TURN THE FAN OFF. The draft from the fan could cause the flames to spread out of control.

Care must be exercised if your appliance is equipped with a high-shelf. During heavy or continuous use, this shelf may be come hot. Do not place combustible materials or plastic items on the shelf.

Turn the knobs to the OFF position prior to removing them from the valve stems for cleaning.

## **WARNING**

NEVER use this appliance as a space heater to heat or warm the room. Doing so may result in carbon monoxide poisoning and overheating of the appliance. Do not use the range top or oven as a food or kitchen item storage area.

Never block or cover any slots, holes or passages located anywhere inside or outside the range. These structures are important to safe operation of the appliance and doing so may block airflow through the oven or cooktop possibly causing carbon monoxide poisoning or fire. Routinely keep all slots free of grease and other materials.

This appliance has been tested for safe performance using conventional cookware. DO NOT USE any device or accessory not specifically recommended in this guide. DO NOT USE pan or pan covers on surface units, grills or griddles. These devices can create serious safety hazards including personal injury, create performance problems and may damage the appliance. Do not store or use corrosive chemicals, vapors, flammables or non-food products in or near this appliance. It is specifically designed for use when heating or cooking food. The use of corrosive chemicals while heating or cleaning could result in personal injury or damage to the appliance.



## DIMENSIONS, SPECIFICATION, GAS and ELECTRICAL REQUIREMENTS

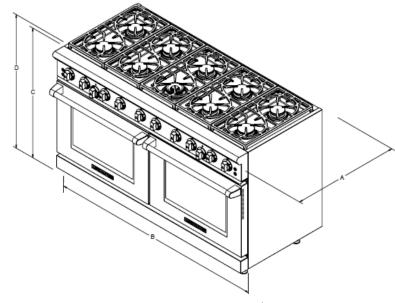
CUISINE and PERFORM	1er ranges	30" MODELS	36" MODELS	48" MODELS	60" MODELS							
	A) Overall Depth	30" (762)	30" (762)	30" (762)	30" (762)							
	B) Overall Width	29-7/8" (759)	35-7/8" (911)	47-7/8" (1216)	59-7/8" (1521)							
C) Overal	Height (top of side panels)	36" (914)	36" (914)	36" (914)								
D) O	verall Height (top of grates)	37-3/4" (959)	37-3/4" (959)	37-3/4" (959)	37-3/4" (959)							
	Leg Adjustment	1" (25)	1" (25)	1" (25)	1" (25)							
	Oven Interior Width	25-3/4" (654)	31-3/4" (806)	25-3/4" (654) / 13-3/4" (349)	25-3/4" (654) / 25-3/4" (654)							
	Oven Interior Height	16-1/2" (419)	16-1/2" (419)	16-1/2" (419)	16-1/2" (419)							
	Oven Interior Depth	20-1/2" (521)	20-1/2" (521)	20-1/2" (521)	20-1/2" (521)							
	Oven Volume	5.0 CU. FT.	6.2 CU. FT.	5.0 / 2.7 CU. FT.	5.0 / 5.0 CU. FT.							
	Electrical Requirements			240 VAC, 60 Hz Single Phase								
	Max Amp Usage	30 AMP	50 AMP	60 AMP	60 AMP							
CAC DEOLUDEMENTS	Natural Gas	7" W.C.	7" W.C.	7" W.C.	7" W.C.							
GAS REQUIREMENTS	Liquid Propane *	11" W.C.	11" W.C.	11" W.C.	11" W.C.							
GAS MANIFOLD	Natural Gas	5" W.C.	5" W.C.	5" W.C.	5" W.C.							
PRESSURE	Liquid Propane *	10" W.C.	10" W.C.	10" W.C.	10" W.C.							
	Large	25,000 BTU										
RANGETOP BURNER RATING  Cuisine — Sealed Burner	Medium		18,000 BTU									
calarite searce sarrier	Small		13,000 BTU									
	Large	25,000 BTU										
RANGETOP BURNER RATING  Performer – Open Burner	Medium	18,000 BTU										
renormer open barrier	Small	12,000 BTU										
	Griddle Burner Rating	N/A	20,000 BTU (5.86 kW)	20,000 BTU (5.86 kW)	20,000 BTU (5.86 kW)							
	Grill Burner Rating	N/A	15,000 BTU (4.3 kW)	15,000 BTU (4.3 kW)								
Approximate	Shipping Weight (Cuisine)	370 lbs (168 kg)	390 lbs (177 kg)	763 lbs (346 kg)								
Approximate Shi	pping Weight (Performer)	370 lbs (168 kg)	390 lbs (177 kg)	505 lbs (229 kg)	763 lbs (346 kg)							

IMPORTANT: Use and complete the installation checklist provided in this manual to ensure proper installation and to validate the warranty.

\* Make certain that the propane gas tank is equipped with its own high-pressure regulator in addition to the pressure regulator supplied with this product.

**DIMENSIONS** (see chart above)

- A: Overall Depth
- B: Overall Width
- C: Overall Height (top of side panels)
- D Overall Height (top of grates)





#### **RANGE LOCATION:**

The location for the range must meet the following criteria. If any of these criteria are not met, select another location.

#### **CABINET PREPARATION:**

- 1. The range is a free standing appliance. If the range is to be adjacent to cabinets, the clearances shown below, and on the next page, are required.
- 2. This range may not be recessed into the cabinets. The rear of the door must be beyond the edge of the front face of the adjacent cabinet.
- 3. The gas and electrical supplies should be located in adjacent right cabinet.
- 4. Any openings in the wall behind the range and in the floor under the range must be sealed.
- 5. Always keep the appliance clear and free from combustible materials, gasoline, or other flammable vapors and liquids.
- 6. Do not obstruct the flow of combustion and ventilation air to the unit.



For optimal performance, the range must be installed away from drafts that may be caused by doors, windows, fans, heating and air conditioning outlets.



The maximum depth of the overhead cabinets installed on either side of the hood is 13".

#### **ELECTRICAL SERVICE:**

A 240 VAC, 60Hz separately grounded circuit that is protected by a circuit breaker or time delay fuse must be supplied to the appliance.

## **GAS SUPPLY:**

Be certain the appliance being installed is correct for the gas service being provided. Refer to the appliance data plate for the gas supply requirements.

- » Minimal natural gas supply pressure required is 7" water column.
- » Minimal liquid propane (LP) gas supply pressure required is 11" water column.

A manual gas shut-off valve must be remotely installed and easily accessible in the adjacent cabinet. The regulator inlet is for 3/4" gas line. The appliance ships with a 1/2" to 3/4" adapter connected to the regulator.

#### **VENTILATION**

Proper ventilation is required for safe, efficient operation of this appliance. The range/cooktop must be installed under an appropriate canopy ventilation hood. The hood must be at least as wide as the appliance.

Especially in newer homes which are better sealed against the outdoors, a powerful exhaust fan can create a vacuum in the room. To avoid this condition, have a qualified contractor match the appropriate hood to the specific cooktop/range. A balanced ventilation system will factor the size of the range, size of the hood and power of the exhaust fan. It is recommended that the exhaust fan be powerful enough to move a minimum of 300cfm.

- » Do not remove protective packaging until you are ready to perform the installation.
- Do not remove the protective wrapping from the product control panel until the product is installed.
- Use proper equipment to move products.
- Any openings in the wall and in the floor behind or under the appliance must be sealed.

WARNING

Do not use an extension cord with this appliance. Such use may result in fire, electrical shock or other personal injury.



The appliance is heavy. Use extreme care when handling.



Do not use the handle or oven door to lift the oven, remove pull down door before installation to ensure that it is not used to lift the unit. Make sure pins are inserted into hinges before removing door to prevent injury to hands and / or fingers. (See installation instructions)

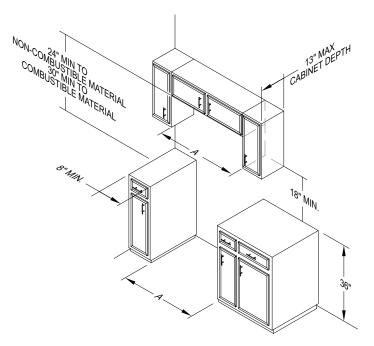




#### INSTALLATION INSTRUCTIONS

The installation of the appliance must be performed by a qualified, certified, and licensed installer.

- » Products are anchored to the wooden shipping pallet using metal straps that are screwed to the bottom of the product and the pallet.
- » To remove the packaging, first remove the staples located at the bottom perimeter of the corrugated cover.
- » Remove the corrugated cover by lifting it off the product and remove the inner packing.
- » Detach the product from the metal anchor strip by removing the attachment screw.
- » Confirm available access to adequate power and gas. (See Specifications, Gas and Electrical Requirements table.)
- » Fill out the front page and installation checklist of this installation manual with requested data. Model number and serial number can be found on the nameplate located underneath the control panel on the front of the appliance.



## **CLEARANCE DIMENSIONS**

**WARNING** 

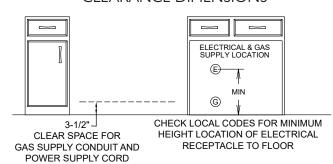
Keep any packaging materials away from children.

Ask for assistance when lifting heavy objects.

Dispose of all packaging materials properly.

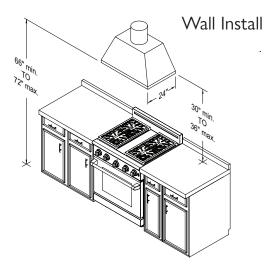
Use protective gloves

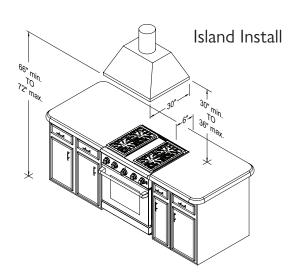
and safety glasses.



Range Width	"A" Dimension	Electrical Supply
29-7/8" (759mm)	30" (762 mm)	30 AMP
35-7/8" (911mm)	36" (914 mm)	50 AMP
47-7/8" (1216 mm)	48" (1219 mm)	60 AMP
59-7/8" (1521 mm)	60" (1524 mm)	60 AMP

#### CLEARANCE DIMENSIONS

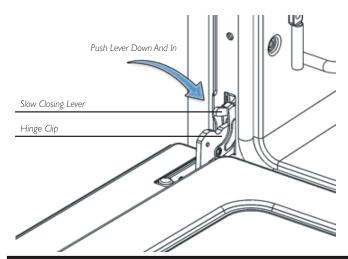




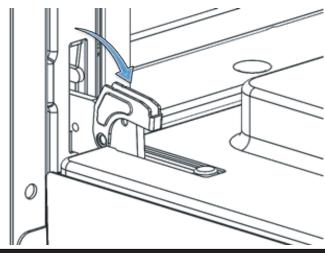
AMERICAN NANGE

## **REMOVAL AND INSTALLATION OF THE OVEN DOOR** (Steps is repeated for models with 2 doors)

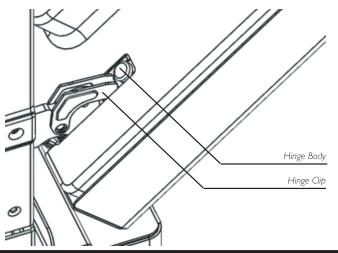
Note that the oven door has a Slow Close feature. Incorrect door installation may result in the non-operation of this feature. Removal of the door is necessary to facilitate the moving and installation of the appliance, especially in heavier models.



Open the oven door completely. The left door hinge is equipped with a slow closing lever. The lever should be pushed down to release the hinge clip.

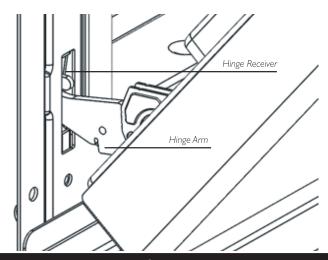


Rotate the hinge clip towards you until it completely stops. Repeat on the right



## STEP 3

Slowly close the door until the left and right door hinge bodies are engaged with the hinge clips and door tops momentarily.



## STEP 4

Continue to close the door and you will feel a slight lift. Hold the door firmly along the sides and lift slowly until the left and right door hinge arm unhooks from the hinge receivers. Pull the door away from the oven.

## TO INSTALL DOOR

Refer to steps above [reversely].

- 1. Holding the door firmly on both sides, slowly move the door towards the hinge receiver opening and hook the hinge arms into the hinge receivers. Check for alignment. DO NOT move the hinge clips until the hinge arm is properly seated into the hinge receivers.
- 2. Open the door completely.
- 3. Push levers towards the oven until stop.
- 4. Close door. Observe that the door will close slowly at the top end.



## **LEVELING THE APPLIANCE**

The appliance was designed to be installed in a 36" high cabinet with countertop.

The appliance is equipped with legs and casters which can be adjusted up to 1" high.

Measure the countertop, approximately at the 4 positions, shown below.

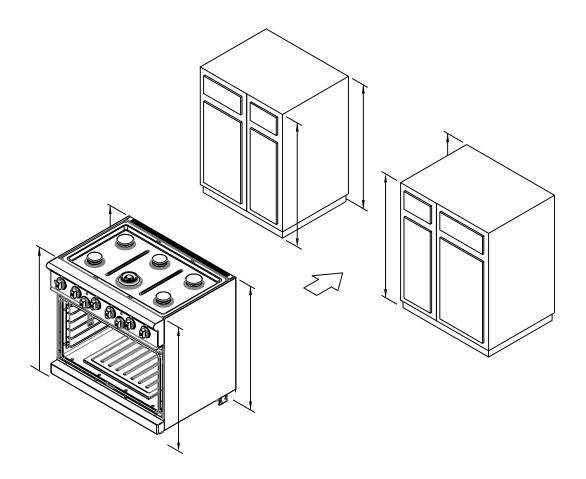
Similarly, measure the appliance at the approximate positions and adjust the legs accordingly.

Move/push the appliance into the installed position and check for level.

Pull/move the appliance out and adjust accordingly.

It is recommended to install the Anti-tip bracket prior to replacing appliance.

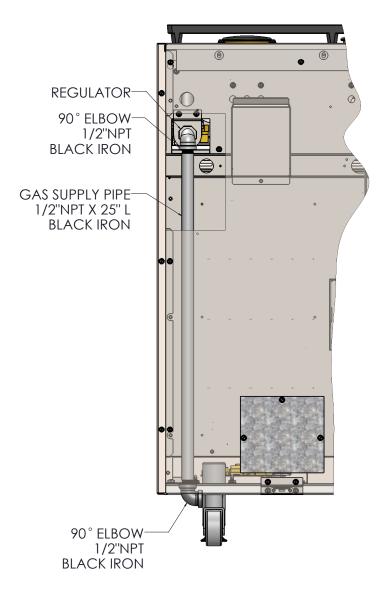
It is also recommended that the protective plastic film on the stainless steel parts be removed or peeled-off after all connections are completed, and appliance is ready for install into cabinet.

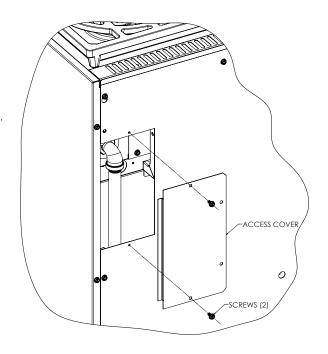


## CONNECT GAS and ELECTRICAL SUPPLY

## **GAS CONNECTIONS**

Move appliance to the desired installation area. Locate the gas connection access cover. Remove the (2) screws and access cover.





The appliance is supplied with a regulator and (1) 1/2"NPT 90° elbow, already installed.

Connect a 25" [minimum] long gas pipe with 1/2"NPT on both ends.

Use nylon tapes [suitable for gas pipe connections] on the threaded ends of the gas supply pipe.

Connect a 1/2"NPT 90° elbow at the bottom end.

Replace access cover and screws after passing gas leak tests.

# Connect to gas regulator/elbow

## CONNECT TO GAS SUPPLY.

**IMPORTANT:** Before placing appliance into operation, always check for gas leaks. This must be performed by your dealer, a qualified licensed plumber, or the gas company.

All items below shall be supplied by the customer:

- A. 1/2" NPT Gas supply pipe, threaded both ends.
- B. 1/2" NPT 90° Elbow.
- C. Adapter (must have 1/2" male pipe thread).
- D. Flexible connector.
- E. Manual gas shutoff valve.
- 3/4" or 1/2" gas supply.
- G. Use pipe-joint compound.

## TYPICAL GAS CONNECTIONS



To avoid risk of electrical shock, personal injury or death; leak testing of the appliance must be conducted according to the manufacturer's instructions. Before placing appliance in operation, always check for gas leaks with soapy water solution.

#### DO NOT USE AN OPEN FLAME TO CHECK FOR GAS LEAKS

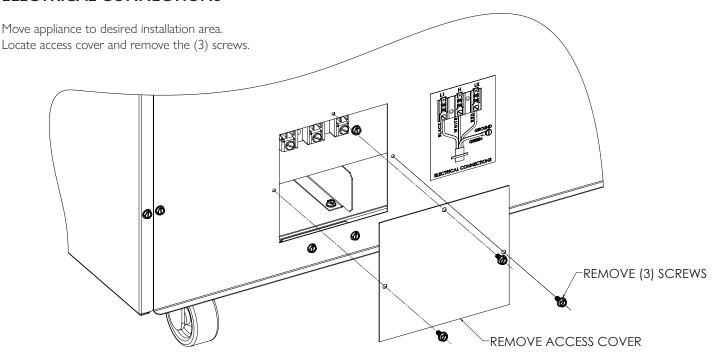


The electrical service in the building must be equipped with a properly grounded four-prong receptacle, in accordance with local codes, or in the absence of local codes, with the National Electrical Code, ANSI/ NFPA 70, or in Canada – to Canadian electrical codes, CSA C22.2.

DO NOT CUT OR REMOVE THE GROUNDING PRONG FROM PLUG



## **ELECTRICAL CONNECTIONS**

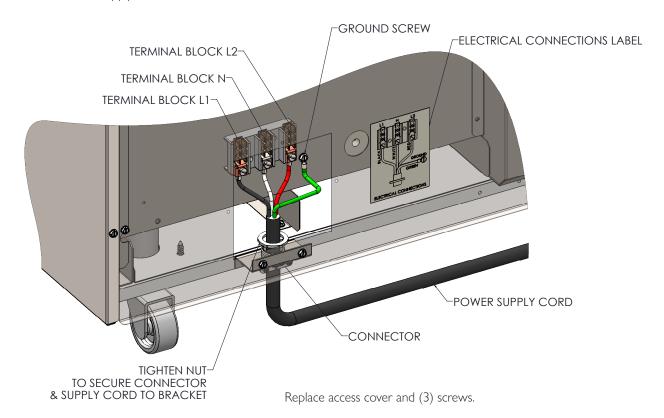


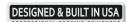
Insert conduit connector into the supply cord.

Insert supply cord with conduit connector through the hole on support bracket.

Refer to label to connect the black, white, red, and green wires.

Turn connector nut to secure supply cord and connector to bracket.



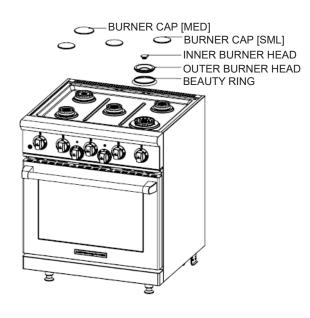




# **INSTALLATION CUISINE BURNERS**

## **INSTALL THE BURNERS AND GRATES CUISINE:**

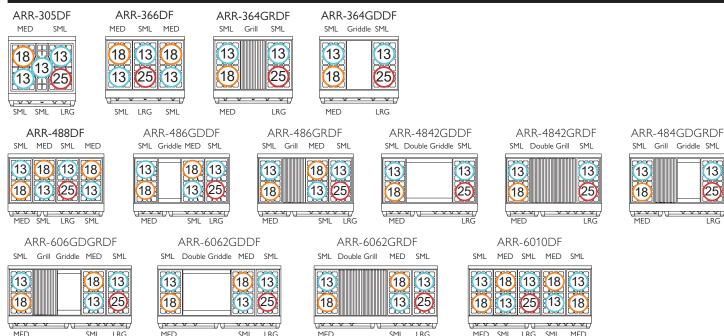
**Step 1)** Assemble D-Tower Burner Cap; C-Tower Burner Caps [3x] and D-Dual Burner Inner (1) and Outer (1) Heads and Beauty Ring



**Step 2)** Assemble Cooking Grates.



## CUISINE BURNER CONFIGURATIONS and MODEL NUMBERS

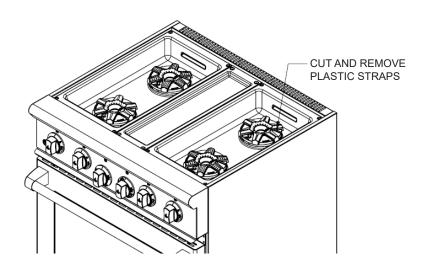


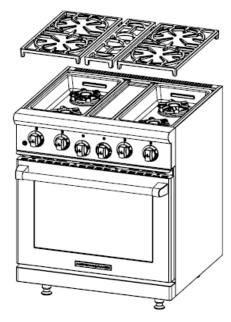
15

# INSTALLATION PERFORMER BURNERS

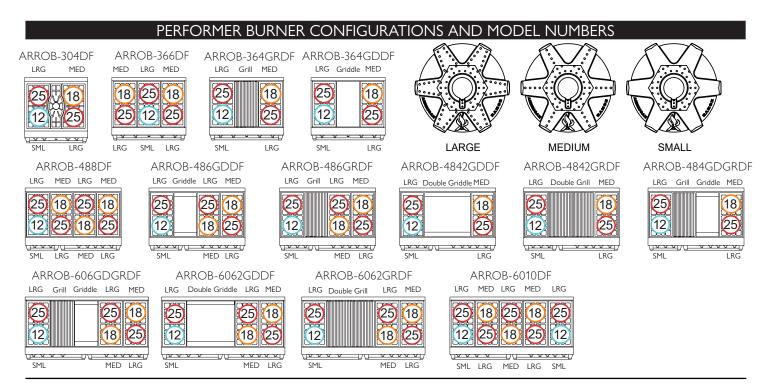
## **INSTALL THE BURNERS AND GRATES PERFORMER:**

**Step 1)** Cut and Remove Plastic Straps Which Holds the Burners to the Burner Supports.





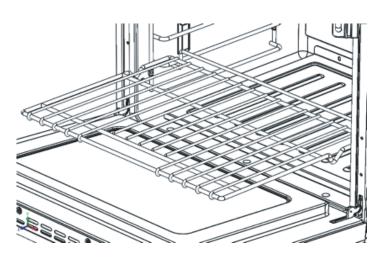
Step 2) Assemble the (2) Cooking Grates and (1) Center Top Grate.



#### IMPORTANT: FINAL PREPARATION PRIOR TO USE

- 1. Verify all plastic protective film has been removed from stainless steel.
- 2. All stainless steel body parts should be wiped with hot soapy water and with liquid cleaner designed for this material. DO NOT USE ABRASIVE CLOTHS, CLEANERS OR POWDERS! Scratches are almost impossible to remove.
- 3. The interior of the oven should be washed thoroughly with hot, soapy water to remove film residues and installation debris before being used for food preparation, then rinsed and wiped dry. Solutions stronger than soapy water are rarely needed.

# REMOVING AND REPLACING RACKS (Standard Rack)



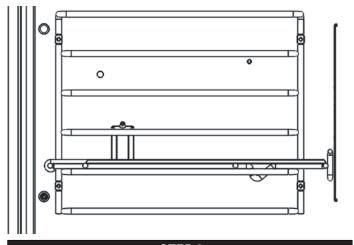
0 Rack Stop Rack Side Support

## STEP 1

Place rack on the desired position as shown.

## STEP 2

Tilt the rack front side slightly to clear the rack stop and slide towards the rear.



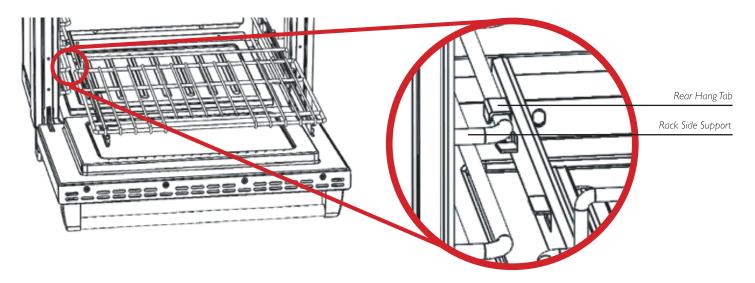
## STEP 3

Lower the rack and push until it stops.

## **NOTE:**

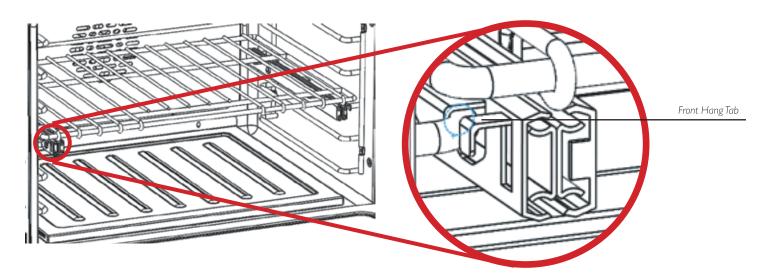
To remove rack during or after cooking, use dry oven mitts or pot holders. Hold the front side of the rack, and slide rack towards front until the rack stops hit the rack support rod. Slightly lift the rack front side, enough so that the rack stops clear the frame rods and continue to slide the rack towards front.

To replace rack or change rack position, follow steps above.



## STEP 1

Extend the left and right glides at the same length, and hold rack and glides, one on each side. Choose rack position and locate rear hang tabs on the left and right glides and place on the left and right rack side supports.



## STEP 2

Push rack assembly in until the front hang tabs hit the front rods of the side supports. Slightly lift the front of the rack assembly, and slide in further until the rods are in between the openings on the front hang tabs. Push the front of the  $\,$ rack assembly down until the rack assembly is in-place.

CAUTION

Before doing any maintenance, disconnect power to the appliance and wait until the oven is cool.

**CAUTION** 

Handle the cover glass and halogen bulb carefully to avoid breaking. Broken glass may cause injury.

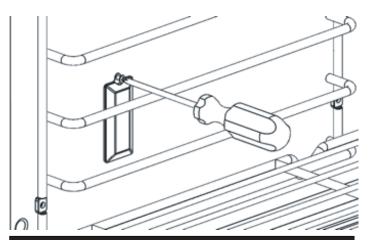
CAUTION

Any maintenance on appliances with French doors must be performed by a qualified service technician. Improper handling and replacement of the doors may result in improper oven operation, door breakage and personal injury.

Always wait until the oven has cooled down before any cleaning and maintenance. Care must be taken when removing the Chef door as it is heavy and constructed with stainless steel front, glass and door liner with porcelain enamel finish.

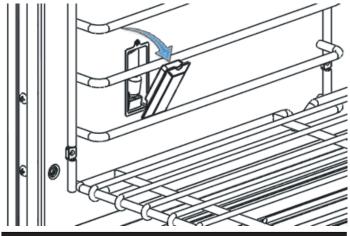
Grasp along the sides [TOP-LEFT & TOP-RIGHT] of the oven door when lifting. DO NOT lift using the door handle as the door may swing in your hand and cause injury.

Place the oven door on a flat surface away from a busy area. Use a clean rug or board to protect the door parts.



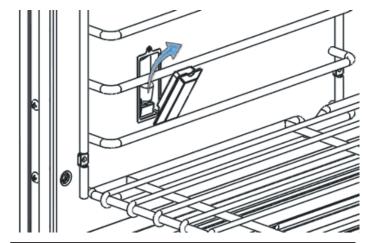
STEP 1

Remove the #6 Screw using a Phillips head Screwdriver.



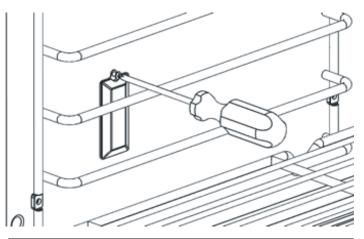
#### STEP 2

Remove the holding clips and glass cover to expose the halogen bulb.



## STEP 3

Pull the halogen bulb from its socket and replace bulb using a clean dry cloth. The halogen bulbs are available from local hardware and retail stores. Use  $25 \mbox{W}$ 120V halogen bulbs.



## STFP 4

Replace the holding clips back into the light receptacle and insert cover glass until seated properly. Replace the screw and connect power back to the appliance.

DESIGNED & BUILT IN USA



Follow all safety instructions in this manual.

Failure to do so may result in fire, electrical shock, personal injury and death.

It is recommended that electrical connections and wire sizes are adequate and in conformance with the National Electrical Code, ANSI/ NFPA 70-latest edition or C22.1 Canadian Electrical Code Part1.

The oven must be connected to a main power supply with proper electrical voltage and amperage as specified in the Electrical Requirements or model/serial number rating plate. The junction box located near the oven must be checked by a certified electrician or approved service technician for proper grounding and connections.



Disconnect power before installation or servicing. Check for proper grounding.

Failure to follow safety instructions can result in fire, electrical shock and death.

Ovens are heavy and may need 2 or more people to move and install into the cabinet cutout. Appliance mover, with wheels or casters, is recommended to facilitate movement of the appliance and prevent damage to floor surface.

Failure to follow safety precautions can result to back or other injury.



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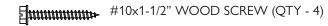
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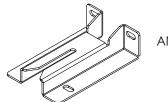
## ANTI-TIP DEVICE INSTALLATION

Installation instructions are intended for wood and/or concrete floors and walls. Any other type of surfaces may require special installation techniques necessary for the proper fastening of the anti-tip device. Installers are responsible to provide hardwares for other types of mounting situations.





WASHER (QTY - 4)



**ANTI-TIP BRACKET** 

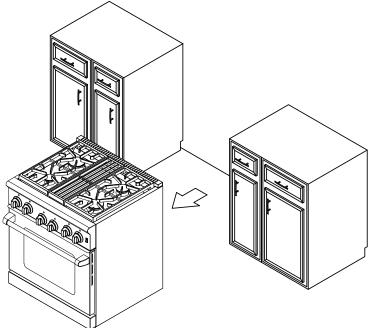






## TIPPING HAZARD

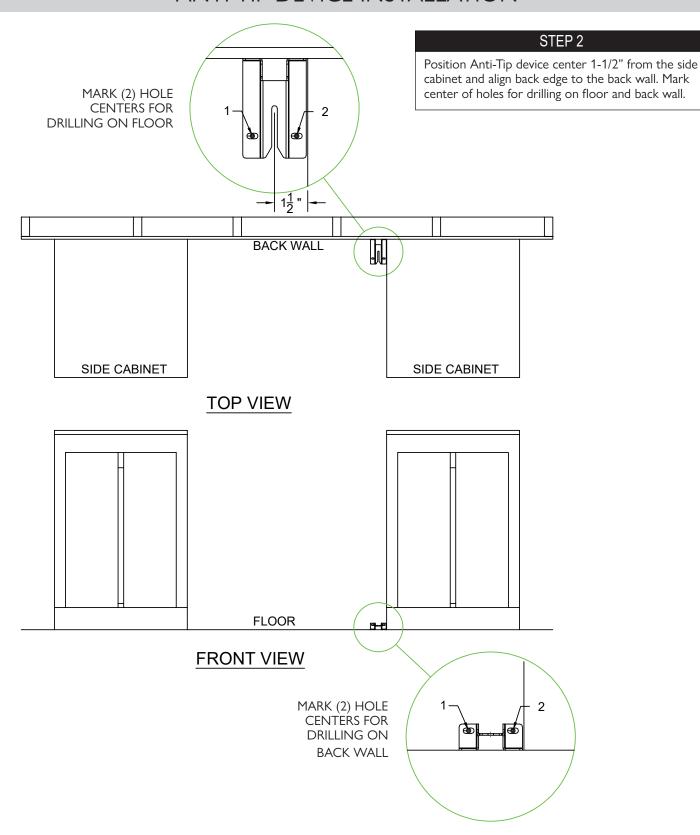
TO REDUCE THE RISK OF PROPERTY DAMAGE OR PERSONAL INJURY; INSTALL ANTI-TIPPING DEVICE PROVIDED IN ACCORDANCE WITH THE INSTALLATION **INSTRUCTIONS IN THIS** DOCUMENT. DEVICE MUST BE ENGAGED PROPERLY TO PREVENT PRODUCT FROM TIPPING OVER.



## STEP 1

After locating and leveling the range in the final installation location, move the unit away to allow space for the installation of the anti-tip device

# ANTI-TIP DEVICE INSTALLATION



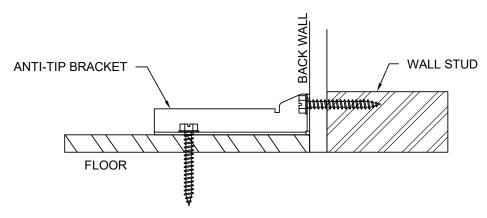


## ANTI-TIP DEVICE INSTALLATION

## STEP 3

#### ANTI-TIP BRACKET INSTALLATION

1. For wooden walls, wall studs and floors, drill 18" pilot holes. Use the hardware provided with this kit.

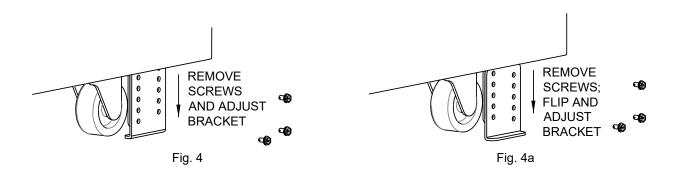


2. For concrete wall and floors, the drilled pilot hole size may depend on the plastic anchor or concrete anchors used. Plastic and concrete anchors are available in local hardware stores. Follow instructions in using this hardware.

## STEP 4

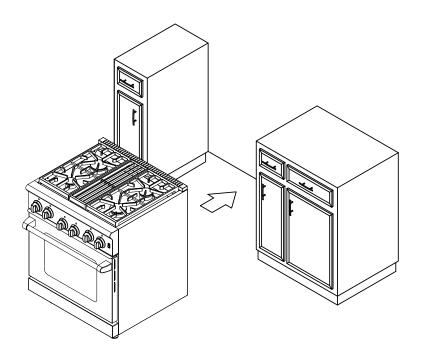
## RANGE HEIGHT TO CABINET ADJUSTMENTS

- 1. The appliance is designed for a standard 36" cabinet height. The range is equipped with adjustable legs and/or adjustable legs and casters, to match the actual cabinet
- 2. The appliance is also equipped with an adjustable anti-tip bracket located at the bottom rear left. Removed the screws and save them and replace after adjustment of the anti-tip bracket.
- 3. The anti-tip bracket may be adjusted with increments of 12" inches (figure 4). If adjustments of 14" is necessary, flip the bracket and use the holes for re-alignment (figure 4a). Replace the screws.



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# ANTI-TIP DEVICE INSTALLATION



## STEP 5

Move the range slowly back to the final location, making sure the anti-tip device on the range is properly engaged with the anti-tip bracket.

# **INSTALLATION CHECKLIST**

## **REGISTRATION CARD** TO VALIDATE YOUR WARRANTY, YOU MUST MAIL, EMAIL OR FAX THIS FORM WITH A COPY OF YOUR RECEIPT TO:

AMERICAN RANGE CUSTOMER SERVICE, 13592 DESMOND STREET, PACOIMA, CA 91331 EMAIL: info@americanrange.com FAX: 818.897.8839

Model Number:

#### **REGISTER ONLINE AT**

www.americanrangehome.com/product-registration/



This checklist has been developed to assure proper installation of your appliance.

Installation Date: \_\_

Serial Number:		*	Installation Company:								
Gas Type:		*	Installation Rep's Name:								
Electrical Information:		*	Installer's Address:								
Purchase Date:			Installer's Phone:								
Dealer:			* As specified on appliance Rating Plate — see page 8 for reference	ce.							
		CHECK A	ALL THAT APPLY								
PRODUCT INSPECTION (Appearance and Aesth			INITIAL START-UP								
Inspect Packaging and Unit for Shipping Dama	ge		Rangetop Burner Ignition								
O Packaging damage?	Yes	No	• Rangetop Burners? (Sealed or Open)	Yes	No						
O Unit damage?	Yes	No	O Griddle? (GD models only)	Yes	No						
Inspect Unit for Manufacturing Defects			• Grill? (GR models only)	Yes	No						
O All Packaging Removed?	Yes	No									
O Rangetop Defects?	Yes	No	Air Shutter Adjustment (if needed)								
O Front Section Defects?	Yes	No	Open-Burner Adjustment? (ARROB models)	Yes	No						
O Side Panels Defects?	Yes	No	O Griddle Burner Adjustment?	Yes	No						
O Oven Interior Defects?	Yes	No	• Grill Burner Adjustment?	Yes	No						
• Grates Are Level and Do Not Rock?	Yes	No									
INSTALLATION			FUNCTIONAL VERIFICATION								
O Installation Manual Read?	Yes	No	O Valve Rotation Functions?	Yes	No						
O Safety Instructions Read?	Yes	No	All Lights Are Functional?	Yes	No						
O Specified Clearances (Including Cabinet-Surfaces Clearan			O Convection Oven Functioning?	Yes	No						
were followed?	Yes	No	O Drip Pan (ARROB models)?	Yes	No						
O Unit Leveled, Front-to-Back and Side-to-Side?	Yes	No	Oven Door(s) Functioning?	Yes	No						
O Side-Trim Panels are 3/8" above the countertop?	Yes	No	O Hinge-Swing Motion Confirmed?	Yes	No						
O Anti-Tip Bracket Installed?	Yes	No	O Door Alignment Confirmed?	Yes	No						
O Ventilation Requirements Followed?	Yes	No	• Gasket Seal Confirmed?	Yes	No						
O Electrical Supply Properly Grounded?	Yes	No	O A Copy of This Manual Has Been Provided								
O Proper Polarity at receptacle?	Yes	No	To The Owner of The Appliance?	Yes	No						
O Electrical Supply Adequate/Specified Input Voltage?	Yes	No									
O Power Cord Free From Damage?	Yes	No	INSPECTION and INSTALLATION NOTES:								
O No Extension Cord In Use?	Yes	No									
• GFCI Installed to specifications?	Yes	No									
• Gas Supply Line Sized Per Specifications?	Yes	No									
A Manual Gas Shut-Off Valve is Installed											
According to Specifications?	Yes	No									
O Gas Supply Matches Unit Requirements?	Yes	No	<del></del>								
O Natural Gas											
O Liquid Propane											
O Gas Supply Pressure Does Not Exceed 14" W.C.?	Yes	No									
O Gas Pressure Verified?	Yes	No									
O Natural Gas (7" Water Column)											
O Liquid Propane (11" Water Column)											
O Gas Connections Tested and Verified to be Leak-Free?	' Yes	No									

#### **COOKWARE RECOMMENDATIONS**

To avoid the risk of serious injury, damage to the range or cookware, please observe the following guidelines.

Bakeware, such as large casserole pans, cookie sheets, etc., should never be used on the cooktop.

Placement of large stock pots should be staggered when used on the cooktop.

Select the base diameter of the pot to match the diameter of the flame. The diameter of the flame and the diameter of the pan bottom should match or be slightly smaller. Too large or too small pots on a burner will compromise cooking performance.

Do not place food packaged or wrapped in aluminum foil directly on the burner grate above the burner. Aluminum foil can melt during cooking.

Be careful to not let plastic, paper or cloth come in contact with a hot burner grate. These materials can catch fire or melt.

Never let a pan boil dry – and if it occurs remember it can be extremely hot – and very dangerous. If this should occur, turn off the burner immediately. Wait a while, until the pot cools down enough to handle - this could be several minutes, but could save you from burns or other serious injury.

The pan bottom should be flat, the heavier the better – and well balanced on the cooktop grate – sitting flat without rocking – preferably with tight fitting lids. Try not to slide the pot across the grates — while it is very handy to do so — you may end up scratching the pot or the grate.

Always be careful when using high flames, as in wok cooking, as they may contact flammable materials or make the handles of the wok very hot. Use the wok ring (optional) to stabilize the wok.

SUGGES	TED BURNER SETTINGS
heat settings	USE
Simmer	Melting small quantities of butter, simmer grains, rice, oatmeal
Low	Poaching eggs, fish, poultry
Low to Medium	Fry eggs, heat milk, cream sauces
Medium	Puddings, custards, gravies
Medium to High	Sauté vegetables, braise meats, soups and stews, deep fat frying, boiling water and pasta, blanching vegetables, searing meats
High	Large quantity of water to boil, large quantity frying and cooking

#### **OVENS 101**

The oven is a temperature controlled cooking cavity which is highly insulated to keep the kitchen cool the food hot. The oven contains three elements – the Bake element positioned below the oven floor and the Broil element located in the ceiling of the oven. Bake and Broil are very different cooking operations and the elements are designed to deliver energy in a way appropriate to the task.

There are two types of baking – called Standard Bake (or conventional) and Convection Bake. Standard or conventional baking make best use of Grandma's cookie, cake or pie recipes – like bake at 350°F (177°C) for forty-five minutes – to get the job done. These recipes are tried and true - conventional or standard bake will deliver wonderful performance every time you cook.

When you Convection Bake (using a fan to circulate the high temperature air inside the oven) you can lower the thermostat about 25° and reduce the cook time by about 25% – and achieve fine cooking results just like Grandma's – taking less time and using less energy. Use the same recommended temperatures for meats and poultry dishes - but keep watch of the time. Convection cooking technology was first developed in Europe and has been used for many years – recently taking hold in U.S. residential kitchens and cookbooks.

In convection cooking, not only is the cook time faster, but also, the oven temperature is more even, top to bottom and side to side - so cookies on several racks will have the same brown color and texture. However, to best take advantage of convection, use low, shallow bakeware so that moving air can get over the sides and up to the food surface. Foods in covered dishes (like casseroles or pot roasts) do not benefit from convection cooking.

#### **COOLING FAN**

The cooling fan runs on all cooking modes. The fan can be heard when it is running and warm air can be felt as it release through the oven vent. The fan will continue to run after the oven mode is off.

## **OVEN VENT**

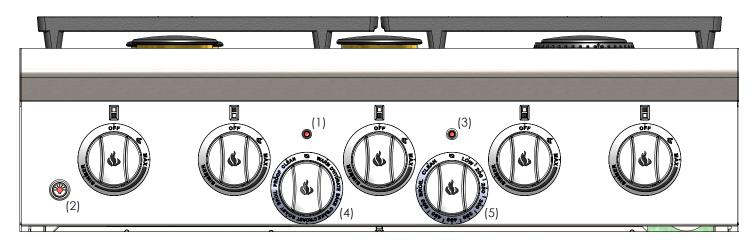
The oven vent is located at the bottom of the appliance. Warm air may be released during and after cooking. DO NOT block the vent as it is important for air circulation.

#### **CONVECTION FAN**

The convection fan operates during all convection modes and during the preheat cycle of cooking modes. it will run intermittently on ROAST.

#### **OVEN BOTTOM**

The oven bottom conceals the bake element. DO NOT place food directly on the oven bottom. DO NOT use aluminum foil or liners on the oven bottom, nor any part of the oven cavity.



## **Oven Control Panel Operation**

- 1. Oven Mode Cycle Light
- 2. Oven Light Push Button Switch
- 3. Oven Temperature Cycle Light
- 4. Oven Mode Select Knob
- 5. Temperature Select Knob



#### Warm

Use mode to keep cooked food at serving temperature. Maximum temperature is 170°F.

Rotate Mode Select Knob to WARM position and the Oven Mode Cycle Light shall turn on. Rotate Temperature Select Knob to any setting from LOW to 250°F and the Oven Temperature Cycle Light shall turn on. The Oven Temperature Cycle Light shall turn off when the oven reaches 170°F, and shall turn back on when the elements are energized again, to maintain the oven temperature.

Use a lid or aluminum foil to keep the food moist. DO NOT leave foods inside the oven for extended periods of time.

## **Dehydrate**

Use this mode to dry or preserve fruits, vegetables and herbs. Maximum temperature is 135°F.

Rotate Mode Select Knob to DEHYDRATE position and the Oven Mode Cycle Light shall turn on. Rotate Temperature Select Knob to any setting between LOW and 250°F and the Oven Temperature Cycle Light shall turn on. The bake element is energized and the convection fan runs continuously. The Oven Temperature Cycle Light shall turn off when the temperature reaches 135°F and shall cycle on and off, as the bake element energizes and de-energizes, to maintain the temperature inside the oven.

Drying times vary depending on the cut size, amount being dried, and moisture content. Refer to cook books, recipe books, packaging directions and the internet for Dehydrate Charts.

#### Bake

Use this mode to prepare variety of foods using heated air in the oven. Refer to recipes or package directions for oven temperature settings, Preheat and baking times. With SMART Bake, multiple trays may be used.

Rotate Oven Mode Select Knob to BAKE position and the Oven Mode Cycle Light shall turn on. Rotate Oven Temperature Select Knob to the desired temperature and the Oven Temperature Cycle Light shall turn on. The upper and lower heating elements shall turn on and off, intermittently during the Preheat cycle. The Oven Temperature Cycle Light shall turn off when the desired temperature is reached. After Preheat, the lower heating element is energized on and off to maintain desired temperature. The Oven Temperature Cycle Light shall turn on or off with operation of the lower heating element.

Keep door closed to minimize heat loss. Use Oven Push Button Switch to turn on oven lights and see inside of oven without opening door.





#### **Convection Bake**

Similar to BAKE mode, except that a convection fan is used to circulate the heated air in the oven. Compared to BAKE, the temperature is lowered by 25°F, cook times may slightly decrease and multiple trays can be used. Refer to recipes or package directions for oven temperature settings, Preheat and baking times. Rotate Oven Mode Select Knob to C' BAKE position and the Oven Mode Cycle Light shall turn on. Rotate Oven Temperature Select Knob to the desired temperature and the Oven Temperature Cycle Light shall turn on and the convection fan turns on. The upper and lower heating elements and convection element shall turn on and off, intermittently during the Preheat cycle. The Oven Temperature Cycle Light shall turn off when the desired temperature is reached. After Preheat, the lower heating element and the convection element are energized on and off to maintain desired temperature. The Oven Temperature Cycle Light shall turn on or off with operations of the elements. Keep door closed to minimize heat loss. Use Oven Push Button Switch to turn on oven lights and see inside oven without opening door. For best results, use shallow, uncovered pans and cookie sheets without sides.

#### **Convection Roast**

Uses the lower and upper heating elements and the convection fan element. Convection roast is usually done on large meat, poultry and vegetables. Refer to recipes or package directions for oven temperature settings, Preheat and roasting times. Rotate Oven Mode Select Knob to ROAST position and the Oven Mode Cycle Light shall turn on. Rotate Oven Temperature Select Knob to the desired temperature and the Oven Temperature Cycle Light shall turn on and the convection fan turns on. The lower and upper heating elements and convection element shall turn on and off, intermittently during the Preheat cycle. The Oven Temperature Cycle Light shall turn off when the desired temperature is reached. After Preheat, the lower heating element and the convection element are energized on and off to maintain desired temperature. The Oven Temperature Cycle Light shall turn on or off with operations of the elements. Keep door closed to minimize heat loss. Use Oven Push Button Switch to turn on oven lights and see inside oven without opening door.

#### Roast

Uses the lower and upper heating elements. Roast is usually done on large meat and poultry. Refer to recipes or package directions for oven temperature settings, Preheat and roasting times. Rotate Oven Mode Select Knob to ROAST position and the Oven Mode Cycle Light shall turn on. Rotate Oven Temperature Select Knob to the desired temperature and the Oven Temperature Cycle Light shall turn on. The lower and upper heating elements shall turn on and off, intermittently during the Preheat cycle. The Oven

Temperature Cycle Light shall turn off when the desired temperature is reached. After Preheat, the lower and upper heating elements are energized on and off to maintain desired temperature. The Oven Temperature Cycle Light shall turn on or off with operations of the elements. Keep door closed to minimize heat loss. Use Oven Push Button Switch to turn on oven lights and see inside oven without opening door.

#### **Broil**

Uses intense heat from the upper heating element. Broil is usually done on thin slice(s) of meat, poultry and fish. Place food in the recommended rack position after the broil element has preheated. Refer to recipes or packages for directions on broiling. Always broil with oven door closed. Rotate Oven Mode Select Knob to BROIL position and the Oven Mode Cycle Light shall turn on. Rotate Oven Temperature Select Knob to BROIL position and the Oven Temperature Cycle Light shall turn on. The upper heating element is energized continuously to maintain 550°F temperature. Keep door closed to minimize heat loss. Use Oven Push Button Switch to turn on oven lights and see inside oven without opening door.

Use to proof bread and other baked goods dough with yeast. Maximum temperature is 100°F. The convection fan runs continuously in this mode. Rotate Mode Select Knob to PROOF position and the Oven Mode Cycle Light shall turn on. Rotate Temperature Select Knob to any setting from LOW to 250°F, the Oven Temperature Cycle Light shall turn on and the lower heating element is energized. The Oven Temperature Cycle Light shall turn off when the oven reaches 100°F, and shall turn back on when the elements are energized again, to maintain the oven temperature. Keep the oven door closed. Use the oven lights to check the rising of the dough.

#### Clean

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Use mode to clean the inside of oven regularly. Clean temperature is 500°F and clean time is 1 hour. Rotate Mode Select Knob to CLEAN position and the Oven Mode Cycle Light shall turn on. Rotate Temperature Select Knob to CLEAN the Oven Temperature Cycle Light shall turn on. The porcelain finish inside the oven and oven doors that can be cleaned at a lower temperature and shorter period, compared to self-cleaning or pyrolytic ovens.

It is recommended that excessive spillage be removed before using the CLEAN mode. Use a wooden or soft plastic scraper for hardened spills. Spray water on encrusted food or dirt, if necessary. It is not necessary to remove the oven racks and broil pans.

When CLEAN mode is finished and the oven has cooled down, wipe out surfaces with a damp towel. Remove stubborn stains using soft cleaning liquids and pads. Rinse and dry with a clean towel.





#### BEFORE USING THE NEW COOKTOP

- » Before using the cooktop for the first time, wash the outside area with soap and water to remove any shipping and factory
- » The burner grates are designed in sections and are easy to remove and clean. They are made of cast iron with a porcelain coating and will remain hot after the burner is turned off creating a residual heat for continued cooking. Use caution when handling.
- » Your new professional Range is equipped with burners that are similar to those used in restaurants. The burner heads are large and designed to ensure even heat distribution for better cooking. They must be in place and properly seated before lighting.
- » The Range must not be operated without the burner heads.
- » There are no continuously burning pilot lights. An electronic spark ignition system is used to light the burner. If the flame should go out from a boil-over or a strong draft, the burner will automatically reignite.

#### OPERATION OF THE BURNERS

- 1. Press in on the knob that corresponds to the burner that you would like to light. Use the front panel graphic to confirm your selection until you become familiar with the range. Turn the knob counter-clockwise to the "American Flame" icon located on the knob – this is the light position of the burner valve.
- 2. The igniter for all the surface burners will begin sparking however, gas will flow to only the selected burner.
- 3. After the burner lights, the igniter clicking will stop indicating that the flame sensing and re-ignition system is active on the selected burner.
- 4. Rotate the knob to any flame setting that you desire between MAX and SIMMER.

The surface burners are rated at different power levels:

BURNER Type	SMALL	MEDIUM	LARGE
Open	12,000	18,000	25,000
Burners	BTU/hr	BTU/hr	BTU/hr
Sealed	13,000	18,000	25,000
Burners	BTU/hr	BTU/hr	BTU/hr

When you are using the surface burners, select the burner power and location depending on the heating or cooking function you would like to perform.

A normal flame is blue in color and steady. Foreign materials in the kitchen air or the gas line, especially in new construction installations, may cause some orange color bursts during initial operation. This will disappear with continued use. Small yellow tips on the ends of flames are normal when using LP gas.

If the flames look odd, (too small, too large, lazy or drifting, uneven around the burner circle, etc.), check to see that the burner head is seated correctly on the burner base. Do this when the burner is cold by gently rocking the burner head or rotating the head from side to side. If it is correctly seated, it will nest in detents, in the case of the sealed burners, or on the corresponding pin/hole for open burners. If this does not correct the problem, turn to the Troubleshooting section of this manual.

#### **AUTO RE-IGNITION**

The surface burners are equipped with a special ignition and re-ignition system that senses the presence of flame and re-ignites the burner should the flame disappear while gas is still flowing to the burner.

Strong drafts, spills and general grime influence the operation of the automatic re-ignition system - a clean system will generally function better than a dirty system. Periodically, remove any materials or grime that might build up on the high voltage spark electrode – using a toothbrush or other non-metallic cleaning utensil.

#### **OVEN OPERATION**

During the first few minutes of operation, a mild condensation may appear on the interior glass pane of the door window. Water vapor is a normal by-product of combustion, and the condensation will disappear as the oven warms.

If you would like to bake using the Convection feature, you may turn on the fan at any time – allowing the oven about twenty or thirty minutes to preheat before use.

Never place any pan or food item on the bottom of the oven, always use an oven rack placed in at least the lowest position.

To use the Broil feature of the range, first consider what type of broiling you would like to perform. The closer you are to the broil element, the faster you will evaporate moisture from the surface of food and the guicker the surface will brown. In a similar fashion, the further away you place the food (on the lowest rack, for example) the slower you will evaporate surface moisture and the longer it will take for the surface to brown. A good rule of thumb is to start about 6" away from the broiler and watch for how quickly the food is browning.

#### **GRILL OPERATION** (GR Models Only)

Make sure there is nothing on the grilling rack prior to igniting the grill. Push the knob in and turn it counter-clockwise to the HIGH position. The power ON indicator light will glow indicating the grill valve is on. The grill is equipped with a flame-sensing ignition system – that automatically detects the presence of flame on the grill burner – and relights it in the event it goes out. Adjust the flame to the desired height.

After cooking, allow the module to cool completely and remove the drip tray slowly, discarding grease and other food particles. The grill grate may be removed – exposing the radiants – which may be lifted out and placed in the dishwasher along with the drip tray for cleaning. The grate is porcelain coated and may be washed with hot soapy water and a soft brush.

#### BEST COOKING RESULTS WHEN USING YOUR GRILL

The intense radiant heat from the grill vaporizes the surface of your food, locking in flavor.

- » Add any barbecue sauces during the last few minutes of cooking, long enough to caramelize the sauce.
- For best results, turn food with tongs or a flat spatula to avoid piercing meat or poultry.
- Turn meat once when juices rise to the surface. Turning meat more than once results in the loss of meat juices.
- Never squeeze juices out of meat.
- Before cooking steaks or chops, trim most of the outside fat to prevent excessive flare-ups. Slash into the edges of steaks or chops to keep meat flat on the grill.
- » Fish should be cooked at the lowest setting eight to ten minutes for every inch of thickness, measured at the thickest part of the fish.

	GRILL CH	ART	
FOOD ITEM	INTERNAL TEMPERATURE	HEAT SETTING	TIME
Hamburgers 1/2" to 3/4"	160°F (71°C)	Medium	8 to 10 minutes
Steaks 1" to 1-1/2"	Rare 140°F (60°C)	Medium to High	10 to 20 minutes
Steaks 1" to 1-1/2"	Medium 160°F (71°C)	Medium to High	12 to 25 minutes
Pork chops 3/4" to 1"	145°F (63°C) and 3 minutes rest time	Medium	15 to 25 minutes
Lamb chops	160°F (71°C)	High	12 to 15 minutes
Poultry pieces	170°F (77°C)	Low to Medium	25 to 35 minutes
Fish 1" thick	145°F Minimum	Medium	8 to 10 minutes

Allow grill to cool completely before cleaning. Remove the grates, grease collector and stainless steel Radiant and place in hot soapy water. Clean the grill with hot soapy water and a soft grill brush.

Do not apply water or cleaner directly on the infrared burner.

#### **GRIDDLE OPERATION** (GD Models Only)

The built-in griddle is made of polished steel to provide a smooth cooking surface. A griddle drip pan is included.

Always preheat the griddle on the low setting, at least ten minutes before cooking. The griddle burner is equipped with a hot surface igniter and gas safety valve system.

#### To Start Cooking:

Push knob in and turn the knob clockwise to the MAX position. Preheat griddle for two to three minutes and turn knob to a medium or low cook setting.

- » The blue indicator light comes on and stays on until the desired setting is reached and then turns off and on with the heating cycle.
- » For best results, add a small amount of butter, oil, or a cooking spray to the griddle surface. Fatty meats like bacon and sausage do not need extra fat.

GF	RIDDLE CHART	
FOOD ITEM	TEMP. SETTING	heat setting
Eggs	225°F to 250°F (107°C to 121°C)	Low
Bacon, ham, hot dogs	300°F to 325°F (149°C to 163°C)	Medium to Low
Sausage, grilled cheese sandwiches	325°F to 350°F (163°C to 177°C)	Medium
Pancakes, French toast	350°F to 375°F (177°C to 191°C)	Medium
Hash brown potatoes, grilled onions	400°F to 425°F (204°C to 218°C)	Medium to High

The temperature settings are meant as a guide. You may need to adjust the settings according to your peronal cooking preferences.

#### **SEASON THE GRIDDLE:**

- 1. The griddle has a factory applied coating that must be washed off prior to use. (See Cleaning the Griddle)
- 2. Pour 1 tablespoon of vegetable oil (not corn or olive oil) and rub on the entire surface of the griddle using a rough towel.
- 3. Push the griddle control knob in and turn to a medium setting (350°F or 177°C).
- 4. Heat until griddle begins to smoke. Turn off griddle and allow it to cool.
- 5. Returning to step 2, repeat the process.

When you are done "griddling" and while the griddle surface is still warm, remove any left-on food particles. Allow the griddle to cool and scrape off any excess grease from the surface with a flexible nylon spatula. Pull the spatula forward toward the front and push any material into the front grease receiver.

To clean the griddle, moisten a soft scrub cloth, adding a drop of mild degreaser dish soap to create a soapy lather - and wipe the griddle from left to right. Clean in rows from the top to the bottom, taking time to wash the entire griddle surface, including the sides. When you are done, rinse away all the soap from the cloth and wipe any suds from the griddle surface. Remove all remaining moisture from the griddle with the second, clean soft cloth. Wipe the area in rows again as well as the sides and front. You may have to repeat action to ensure the griddle plate is dry and sparkling.

#### **CLEANING THE GRIDDLE:**

- The griddle is not to be removed for cleaning.
- Using a flat plastic spatula gently remove burned on food.
- Clean the griddle thoroughly with hot soapy water and a rough
- The griddle drip pan and grease collector should be cleaned after each use with hot soapy water and a sponge.
- It is normal for the griddle to darken with age and use, similar to commercial cooking equipment.

## DRYING AND DEHYDRATING

While the United States Department of Agriculture advises: DO NOT hold foods at temperature between 40°F to 140°F (5°C to 60°C) more than 2 hours – and cooking raw foods below 275°F (60°C) is not recommended, the low setting of the oven ranging from 150°F to 225°F (66°C to 108°C) may be used to keep food hot and in special recipes, used to dehydrate fruits and vegetables. During dehydration, the convection fans circulates hot air over the food, causes moisture to escape from the food surface – generally drying it out. This removal of water inhibits growth of microorganisms and slows down the activity of enzymes. Starting with only the freshest, best quality food items, prepare as directed and:

- Place the food on drying racks spaced evenly in the oven cavity.
- Set the temperature control to 200°F (94°C) and switch on the convection fan.
- Remember to periodically check the food items for dryness state.

#### **CARE AND CLEANING**

It is always easier to clean as you go - and while some evenings you'd rather sit down with a good book instead of a Scrubby, keeping your range cooktop and oven in a ready to go state for the next meal makes everything a little more tolerable. When cleaning the range:

- » Use the mildest procedure that will do the job efficiently and effectively - and since some cleaners are harsher than others, it is best to try them on a small, inconspicuous area first.
- Use only clean, soft cloths, sponges, paper towels, plastic brushes, non-metal soap pads for cleaning and scouring.
- » When cleaning the oven door, control panel, top curved section (called the bull nose) or the flat top area – always pretend it is made of wood – and rub the finish in the direction of the grain. This is the most effective cleaning direction, to prevent marring the surface.
- Any part of this appliance can be cleaned with hot, sudsy water. When rinsing is required, rinse thoroughly.
- » Always wipe dry immediately to reduce the appearance of water marks.

## To Clean the Cooktop

The cooktop is brushed stainless steel with polished aluminum burner heads. The burner caps are steel coated porcelain.

- » Do not use abrasives on stainless steel. Use towels, sponges or soft plastic scrubbers. RUB ONLY WITH THE "GRAIN."
- Do not use steel wool pads or green rough Scrubby's.
- Wash all cooking surfaces with hot water and dish detergent such as Simple Green, Ivory Liquid, or Joy.
- Rub stubborn spots with baking soda or liquid cleaner such as Windex All Surface Cleaner or 409.
- » Grates and burner caps can be soaked in hot soapy water. Mild scouring cleaners can be used, such as Bon Ami or Cameo on grates and burner caps.

	CARE AND CLEANING REC	OMMENDATIONS
PART / MATERIAL	cleaning suggestions	BEING CAREFUL
Main Top/ Porcelain Enamel	Soft Scrub may be used here. With a cool or slightly warm surface, use a damp sponge or cloth as recommended by the manufacturer.	Since the surface is glass (it can be scratched by certain materials) try to rub gently in small circles to allow time and chemical reactions to take place.
Sealed Burners (Cuisine)	Caps and burner heads can be removed for cleaning using hot sudsy water. A stiff nylon bristle tooth brush can be used to clean burner port openings.	Remember to dry out the ports (try to blow air through them if you like). Water clogged ports burn with erratic flames and could be dangerous.
Open Burners (Performer)	The cast iron burner heads are heavy and porcelain coated. If they are dirty, remove any large debris and gently scrub under hot, soapy water.	Like the sealed burners, remember to dry out the ports (try to blow air through them if you like). Water clogged ports burn with erratic flames and could be dangerous.
Control Knobs/ Powder Paint	Use dry hands to pull off the knobs; hot sudsy water works best here	with a sponge to avoid scratching
Chrome Knob Bezels	Hot soapy water works well here, with a sponge or soft cloth.	As with any round feature that meets the stainless steel grain, be careful to clean the bezels in a circular motion – and not contact the stainless steel control panel.
Exterior Finish Island Trim	Use hot soapy water, Fantastic, Formula 409, rinse and dry immediately. For hard water spots, try household vinegar or CLR. If there is any heat discoloration, consider using Zud, Wright's All Purpose Polish or Blue Away.	Rub lightly in the direction of the grain of the stainless steel. Salt (sodium chloride), chlorine or chlorine compounds in some cleaners are corrosive to stainless steel.
Grates/Porcelain Enamel on Cast Iron	Hot water and detergent with scrubby, or soap filled steel wool pad for really tough stains will work.	Remove sugar or acid based spills, they tend to attack the enamel. Remember the grates are heavy, use care when lifting and replacing.
Griddle	Moisten a soft scrub cloth, adding a drop of mild dish soap to create a soapy lather – and wipe the griddle from left to right.	Use plastic spatulas and spoons when working the griddle. See more tips in the discussion on griddle operation above.

	TROUBLES	SHOOTING
PROBLEM	POSSIBLE CAUSE	WHAT TO DO
Oven does not heat up; lights do not turn on; igniters do not spark	No electrical power to the range	Check house electrical panel, locate circuit breaker to range and reset, if applies.  Call licensed electrician or service.
Oven light does not work	Light switch is on "off" position Light is burned out	Try switching the light on Locate and test a new replacement light, unscrew glass lens, remove bad light, replace
Convection fan does not turn	The convection fan does not turn on standard bake and broil cook modes; will turn on during preheat cycle; will turn intermittently on roast cook mode.	Select cook modes with convection. Call customer service for assistance.
Igniters keep clicking	Poor electrical ground	Call customer service for assistance.
Condensation on the oven window	Cold appliance/kitchen.	During cold weather, it is normal to have condensation on the oven door glass. This will slowly disappear as the oven heats up.



## ICONICA MODEL AND PARTS IDENTIFICATION

## CUISINE SEALED AND PERFORMER OPEN BURNERS

DESCRIPTION	ARR-305DF	ARR-366DF	ARR-364GDDF	ARR-364GRDF	ARR-488DF	ARR-486GDDF	ARR-486GRDF	ARR-484GDGRDF	ARR-4842GDDF	ARR-4842GRDF	ARR-6010DF	ARR-6062GDDF	ARR-6062GRDF	ARR-606GDGRDF	ARR-OB304DF	ARR-OB366DF	ARROB-364GDDF	ARROB-364GRDF	ARROB-488DF	ARROB-486GDDF	ARROB-486GRDF	ARROB-484GDGRDF	ARROB-4842GDDF	ARROB-4842GRDF	ARROB-6010DF	ARROB-6062GDDF	ARROB-6062GRDF	ARROB-606GDGRDF
Oven Racks	2	2	2	2	4	4	4	4	4	4	4	4	4	4	2	2	2	2	4	4	4	4	4	4	4	4	4	4
Cuisine Sealed Burners	5	6	4	4	8	6	6	4	4	4	10	6	6	6														
Performer Open Burners															4	6	4	4	8	6	6	4	4	4	10	6	6	6
Center Grate															1													
Burner Grates	2	3	2	2	4	3	4	3	2	4	5	3	5	4	2	3	2	3	4	3	4	3	2	4	5	3	5	4
Control Knobs	6	7	6	6	10	9	9	8	8	8	12	10	10	10	5	7	6	6	10	9	9	8	8	8	12	10	10	10
Griddle			1			1		1	2			2		1			1			1		1	2			2		1
Backyard Grill				1			1	1		2			2	1				1			1	1		2			2	1
Regist. Card Page15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Island Back	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Use and Care Manual	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Oven Racks: Each oven is supplied with two heavy duty chromeplated racks. The sliding rack can be extended to support heavier cook loads.

Rack Supports: On the left and right sides of the oven are heavy duty chrome-plated rack side supports. There are 5 positions to place the racks, depending on cooking instructions and best results recommendations.

Oven Control Knob: There are 10 positions with 9 different Cook Modes to select.

Oven Control Knob: Set the temperature as recommended in cookbooks or frozen food packaging.

Bake Heating Element: The hidden element is located at the center below the oven can floor for the user's safety and for ease of cleaning.

Broil Heating Element: The ribbon element located inside the oven ceiling becomes RED hot in seconds.

Oven Mode Cycle Light: The indicator light shall turn ON when a desired cook mode is selected.

Oven Temperature Cycle Light: The indicator light shall turn ON when the desired temperature is selected and shall turn OFF when the temperature is reached. In some modes, the light shall turn ON and OFF, when the heating element is energized to maintain the desired temperature, during the cooking cycle.

Oven Door Gasket: The gasket is made of high temperature materials to create a seal between the oven front frame and the oven door liner.

Oven Lights and Pushbutton Switch: Press the pushbutton switch to turn ON the left and right oven halogen lights. This shall allow user to observe the foods being cooked through the oven door glass while the oven door is closed. Also, the oven can be turned ON to provide illuminations during cleaning.]

## WARRANTY

American Range (hereafter AMR) hereby provides the following warranty to the original residential user ("Owner") for its new RESIDENTIAL Product(s) to be free from defects in material and workmanship in normal household use for the Warranty period(s) set forth below, beginning from the date that power and/or gas is turned on with proof of installation.

Without proof of installation, the beginning is from time of purchase under the terms and conditions as follows: Proof of original purchase date is required to obtain service under this limited warranty.

#### This Warranty is applicable only on new AMR residential Products and is non-transferable.

This Warranty is not applicable to AMR commercial Products. This Warranty is strictly limited to Products sold to the original Owner in the United States or Canada, and said Owner shall not be entitled to transfer this Warranty to third parties. This Warranty is also not applicable on AMR residential Products that are used for commercial purposes, including without limitation, vacation rentals, fire stations, clubs, government facilities, non-profit groups, bed and breakfast facilities, and board and care facilities, and any home based business whereby AMR products are utilized for a commercial, non-household purpose. Residential products should not be used in a commercial environment.

Warranty Period: For all Product(s) properly registered with AMR, with proof of purchase and within ninety (90) days from the date of purchase, a two year warranty\* is in effect subject to the terms and conditions herein. However, in the event that Owner fails to promptly register the Product(s) with AMR within ninety (90) days of the date of purchase, the Warranty period shall be strictly limited to a period of one year for parts and labor, from the date of purchase. Proof of purchase is required for all claims under this Warranty.

\*Igniters limited to a one year warranty, from the date of purchase. Proof of purchase is required for all claims under this Warranty. Two Year Warranty applies only to purchases made after May 1, 2018, with a serial number of 180101-100 or higher.

**Exceptions to the Warranty:** Rubber seals, light bulbs, and gaskets are covered for a period of ninety (90) days only. Oven glass, porcelain, and Products that are not defective, but that require adjustments for normal wear and tear are expressly excluded from this Warranty.

Warranty Claims: In the event of a claim for repair of the Product(s), and to obtain warranty service, Owner must contact either (i) the dealer from whom the product was purchased; (ii) an authorized AMR service agent; or (iii) AMR Residential service support at 1-888-753-9898. You will be asked to provide a model and serial number, and date of original purchase.

AMR shall provide all new replacement parts and all repair labor under the Warranty.

Under the terms of this Warranty, service must be performed by a factory authorized AMR service agent/representative, and approved in advance by AMR. AMR shall not be responsible for labor costs that have not been preapproved, with written confirmation by AMR. Note that service providers are independent entities and not affiliated with AMR. Travel expenses from the factory authorized service agent to the product location are limited to 25 miles each way. For greater distances, either have the product delivered to the servicer, make separate travel arrangements, or pay for the additional servicer travel. All repair services shall be provided during normal business hours. AMR will not be responsible for premium time or overtime charges for labor covered under this warranty or for repairs made without AMR authorization. Such charges shall be the responsibility of the Owner.

Limitation of Warranty: AMR shall have no obligation under this Warranty as to any Product(s) which have been misapplied, mishandled, abused, misused, modified, altered, subject to improper cleaning methods, subject to harsh chemical action, modified by unauthorized service personnel, damaged by accidents, flood, fire, smoke, public unrest, earthquake, tornado, hurricane, other acts of God, Owner negligence,

reasons beyond the control of AMR, failures due to improper installation. insufficient gas or electrical supply, problems due to improper ventilation, or removed/altered serial numbers. Any damage due to water, chemical, or direct contact to infrared burners will also not be covered under this Warranty. This Warranty shall be void if the Product(s) are not properly installed by a licensed plumber, and not properly calibrated for electrical and gas connectivity, gas line size, correct pressure, and properly leveled. Additionally, AMR factory recommended cleaning instructions must be followed by Owner at all times or this Warranty shall be voided by AMR. All delivery, installation, labor costs and other service costs are the responsibility of the purchaser.

Dealer display, model home display and products sold "as-is" have the following warranty:

- 1. One (1) year parts only warranty, if the manufacture date is less than three (3) years old.
- 2. Excludes items that are: missing; cracked; aesthetic; broken; dented; frayed.

Accordingly, except as stated herein-above the dealer display and model home display goods are being sold on an "as-is" or "with all faults" basis. Except as stated, the entire risk as to the quality and performance of the goods is with the buyer. Additionally, except as stated, should the goods prove defective following their purchase, the buyer and not the manufacturer, distributor, or retailer assumes the entire cost of all necessary servicing or repair.

THIS WARRANTY IS LIMITED AND MADE IN LIEU OF ANY AND ALL OTHER SUCH WARRANTIES EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE LIABILITY OF AMR IS SET FORTH HEREIN THIS WARRANTY. OWNER SPECIFICALLY UNDERSTANDS AND ACKNOWLEDGES THAT THERE ARE NO WARRANTIES, EITHER EXPRESSED OR IMPLIED HEREUNDER OTHER THAN THE WARRANTIES WHICH ARE SPECIFICALLY STATED HEREIN. SAID OWNER SHALL NOT RELY ON ANY OTHER ASSERTIONS, REPRESENTATIONS OR STATEMENTS BY AMR OR ITS AGENTS, OTHER THAN THOSE SPECIFICALLY EXPRESSED IN THIS WARRANTY.

AMR'S LIABILITY ON ANY CLAIM OF ANY KIND IS EXPRESSLY LIMITED AND SHALL NOT EXCEED THE WHOLESALE PRICE OF THE PRODUCT(S) OR PART(S) THEREOF THAT GIVE RISE TO SUCH CLAIM.

Failure by AMR to enforce any of its rights under this Warranty shall not be construed as a waiver of those rights. AMR specifically reserves the right to investigate and verify all claims to determine the validity of the claim and the claimant's qualifications under this Warranty. AMR reserves the right to refuse Warranty service in the event that AMR determines that a claimant's right to the Warranty is inapplicable under the terms and conditions herein.

AMR is not responsible for consequential or incidental damage whether arising out of breach of warranty, breach of contract, tort, or any other legal theory, including without limitation, property damage, bodily injury, loss of use, and/or lost profits. This Warranty gives the Customer certain legal rights. The customer may also have other legal rights which vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, or do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in the terms and conditions of this Warranty may not apply to all such Owners.

AMR expressly reserves the right to make changes to their Warranty policy before or after purchase by the Owner.

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NOTES





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QUALITY PROFESSIONAL COOKING EQUIPMENT

## **WARRANTY REQUIREMENT**

For reliable operation and for your own safety, this professional cooking equipment must be installed by a certified/licensed contractor.

Failure to comply will void any written or implied warranty.

In the event the equipment requires service during the standard warranty period, the receipt proving certified installation must be made available to American Range for verification.

If installation was not performed by a certified/licensed contractor, be prepared to submit a major credit card for payment for proper installation prior to service.

