

GE Monogram®

Installation

Instructions

Professional Ranges

48" Natural Gas Models

ZDP48N4GWSS

ZDP48N6RWSS

ZDP48N6DWSS

48" LP Gas Models

ZDP48L4GWSS

ZDP48L6RWSS

ZDP48L6DWSS

36" Natural Gas Models

ZDP36N6WSS

ZDP36N4RWSS

ZDP36N4DWSS

36" LP Gas Models

ZDP36L6WSS

ZDP36L4RWSS

ZDP36L4DWSS

30" Natural Gas Model

ZDP30N4YSS

30" LP Gas Model

ZDP30L4YSS

Before you begin—Read these instructions completely and carefully.

IMPORTANT: Save these instructions for local inspector's use.

IMPORTANT: OBSERVE ALL GOVERNING CODES AND ORDINANCES.

NOTE TO INSTALLER: Be sure to leave these instructions with the Consumer.

NOTE TO CONSUMER: Keep these instructions with your Use and Care Book for future reference.

⚠ WARNING This appliance must be properly grounded. See "Electric Supply", page 7.

If you have questions concerning the installation of this product, call the GE Answer Center® Consumer Information Service at 800.626.2000, 24 hours a day, 7 days a week.

If you received a damaged range, you should contact your dealer.

Installation of this range requires basic electrical, carpentry and mechanical skills. Proper installation is the responsibility of the installer. Product failure due to improper installation is not covered under the GE Appliance Warranty. See the back cover of the Use & Care Guide for warranty information.

CAUTION:
THESE RANGES MUST BE INSTALLED IN CONJUNCTION WITH A SUITABLE OVER-HEAD VENT HOOD. Due to the high heat capacity of this unit, particular attention should be paid to the hood and duct work installation to assure it meets local building codes.

Standard installations:

48" Ranges: Suggest 1200 CFM hood.

30" and 36" Ranges: Suggest 600 CFM hood.

Hoods should be 24" min. deep and the same width as the cooktop.

Island installations:

48" Ranges: Suggest 1200 CFM hood.

30" and 36" Ranges: Suggest 600 CFM hood.

Hoods should be 24" min. deep and the same width as the cooking surface.

Check local building codes for the proper method of gas range installation. Local codes vary. Installation, electrical connections and grounding must comply with applicable codes. In the absence of local codes, the gas range should be installed in accordance with the National Fuel Gas Code ANSI 223.1, latest edition and National Electrical Code ANSI/NFPA 70, latest edition.

CAUTION:

These ranges weigh up to 600 pounds. Some disassembly will reduce the weight considerably. Due to the weight and size of the range and to reduce the risk of personal injury or damage to the product, **TWO PEOPLE ARE REQUIRED FOR PROPER INSTALLATION.**

Contents

Design Information	
Models Available	3
Accessory Requirements	3
Models Dimensions and Clearances	4,5
Advance Planning	6
Tools & Materials Required	6
Installation Preparation	
Power Supply Locations	7
Installation	
Step 1: Remove Packaging	8
Step 2: Level the Range	9
Step 3: Install Anti-Tip Device	9
Step 4: Connect Range to Gas	11
Step 5: Install the Range Backguard	11
Step 6: Connect Electrical	12
Step 7: Slide Range Into Position	12
Step 8: Replace Oven Doors	12
Step 9: Assemble & Adjust Burners	13
Step 10: Adjustable Low Burner Settings	13
Finalize Installation	13

Design Information

Professional Ranges

Models Available

These ranges are factory set for either natural gas or liquid propane gas. Order the model for your installation situation.

48" Natural Gas Models:

ZDP48N4GWSS
4 gas burners, grill and griddle

ZDP48N6RWSS
6 gas burners and grill

ZDP48N6DWSS
6 gas burners and griddle

48" Liquid Propane Gas Models:

ZDP48L4GWSS
4 gas burners, grill and griddle

ZDP48L6RWSS
6 gas burners and grill

ZDP48L6DWSS
6 gas burners and griddle

36" Natural Gas Models:

ZDP36N6WSS
6 gas burners

ZDP36N4RWSS
4 gas burners and grill

ZDP36N4DWSS
4 gas burners and griddle

36" Liquid Propane Gas Models:

ZDP36L6WSS
6 gas burners

ZDP36L4RWSS
4 gas burners and grill

ZDP36L4DWSS
4 gas burners and griddle

30" Natural Gas Model:

ZDP30N4YSS

30" Liquid Propane Gas Model:

ZDP30L4YSS

Accessory Requirements

All models require the installation of a backguard. A backguard should be ordered at the same time as the range. Both must be on site at the time of installation.

Order one backguard for 48" Models:

ZX1B48WSS
1-1/2" high backguard (required for island installations or installations with non-combustible wall behind range)

ZX12B48WSS
12" high backguard

ZX22B48ASS
22" high backguard with warming rack

Order one backguard for 36" Models:

ZX1B36WSS
1-1/2" high backguard for island installations or installations with non-combustible wall behind range

ZX12B36WSS
12" high backguard

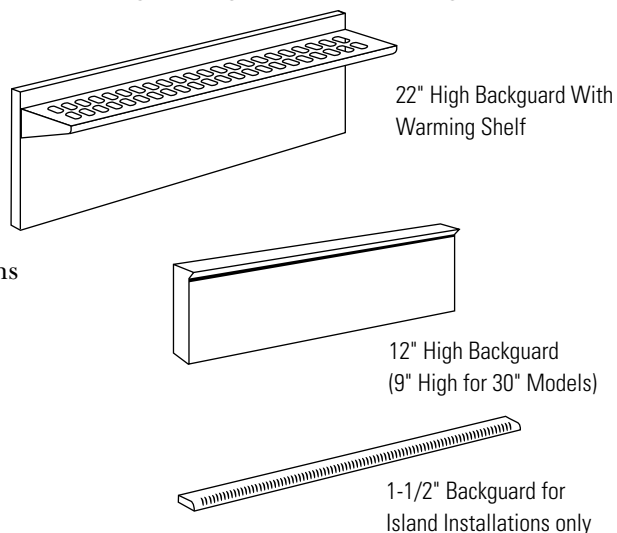
ZX22B36ASS
22" high backguard with warming rack

Order one backguard for 30" Models:

ZX1B30YSS
1-1/2" high backguard for island installations or installations with non-combustible wall behind range

ZX12B30BSS
9" high backguard

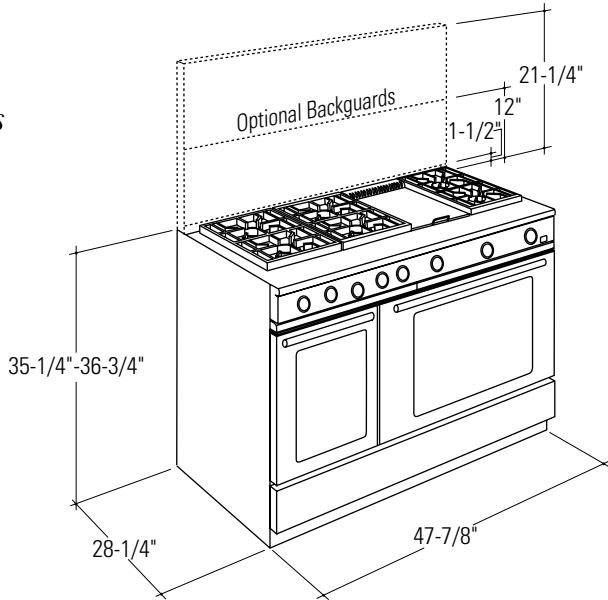
ZX22B30ASS
22" high backguard with warming rack



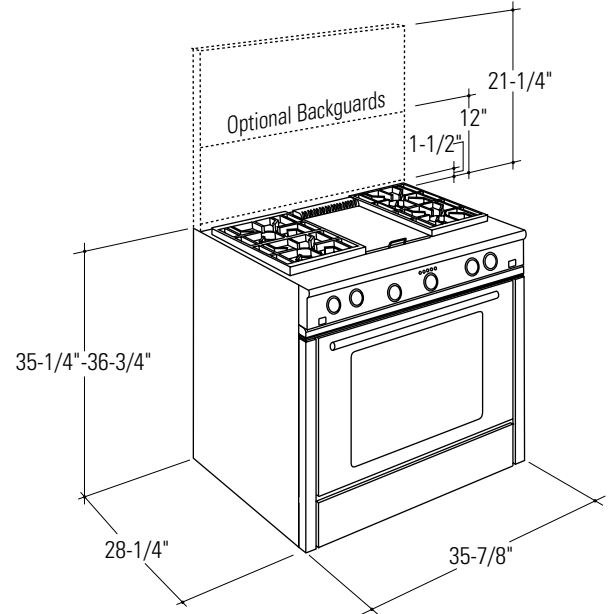
Design Information

Professional Ranges

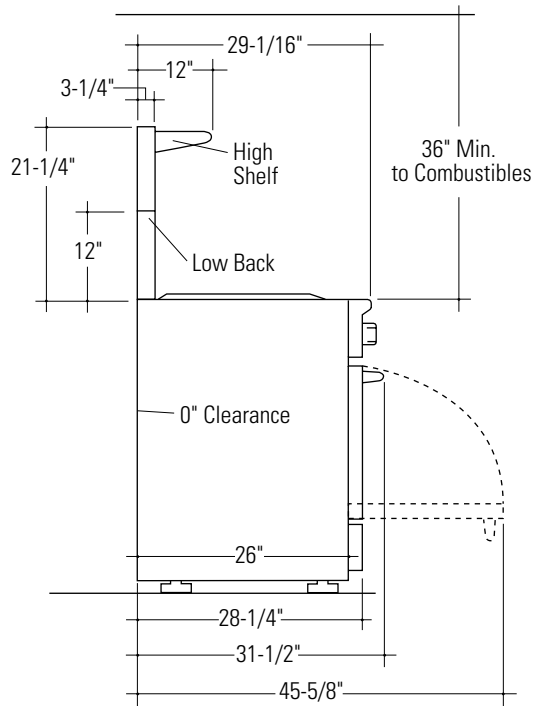
Product Dimensions & Clearances



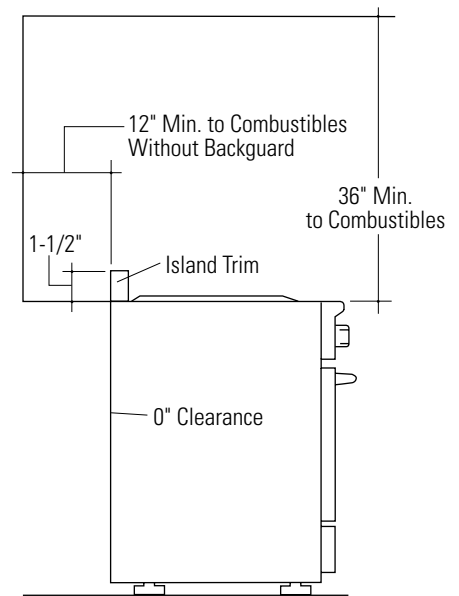
48" Wide Range Models



36" Wide Range Models



48" and 36" Range Models

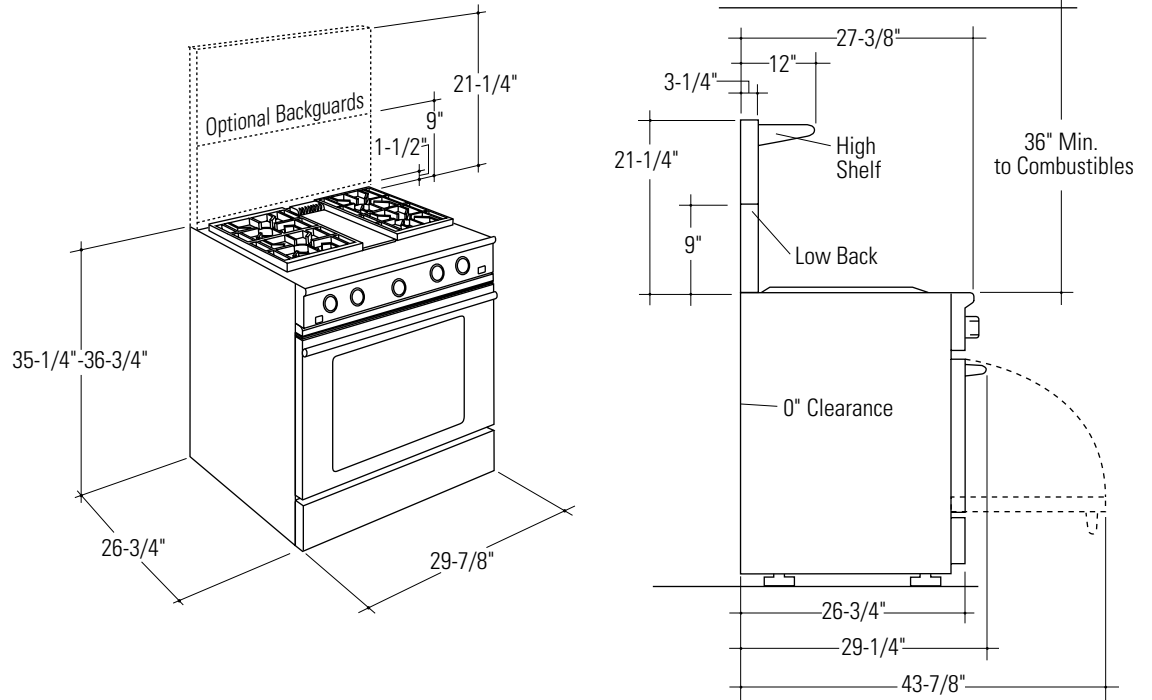


All Models

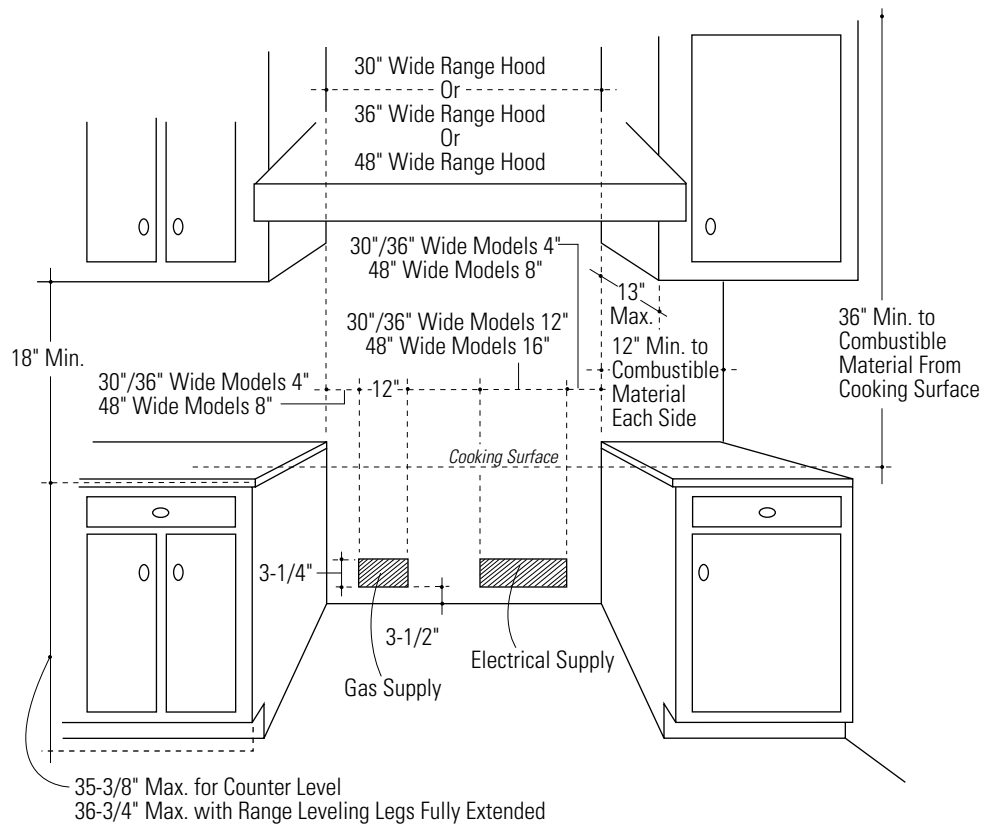
Design Information

Professional Ranges

Product Dimensions & Clearances



30" Wide Range Models



Design Information

Professional Ranges

Advance Planning

- Refer to "Dimensions and Clearances" for appropriate placement and necessary clearances when planning the installation.
- Cabinetry can not be installed directly above the range.
 - These ranges requires the installation of a vent hood, 30" to 36" above the surface.
 - The vent hood must be at least 24" deep.
 - The vent hood must be the same width as the range.
 - For 48" models, the vent hood blower should be 1200 CFM.
 - For 30" and 36" models, the vent hood blower should be 600 CFM.
 - Working areas adjacent to the range should have 18" minimum clearance between countertop and cabinet bottom.
 - Clearance between range and side wall or combustible material must be at least 12" on each side.

If the range is installed in an island:

- Allow 12" min. clearance at the back to combustible materials.

- Allow 36" min. above the cooking surface to combustible materials.
- For 48" models, the vent hood blower should be 1200 CFM.
- For 30" and 36" models, the vent hood should be 600 CFM.

- Installation must conform with local codes. In the absence of local codes, the range must comply with the National Fuel Gas Code, ANSI Z223.1, latest edition.

A.G.A. approved.

Tools & Materials Required:

- Saw
 - Measuring tape
 - Carpenter's square
 - Pipe and fittings as required.
 - Manual gas line shut-off valve.
 - Gas pressure regulator (supplied)
 - Large flat-blade screwdriver
 - Pipe wrench
 - Drill and appropriate bits
 - Safety glasses

 - Gas-resistant pipe joint sealant
 - 5 foot, 5/8" AGA-certified flexible metal gas supply line.
 - If required by local codes, use solid pipe fittings.
- Note: Purchase new flexible line. DO NOT USE OLD, PREVIOUSLY USED FLEXIBLE LINE.

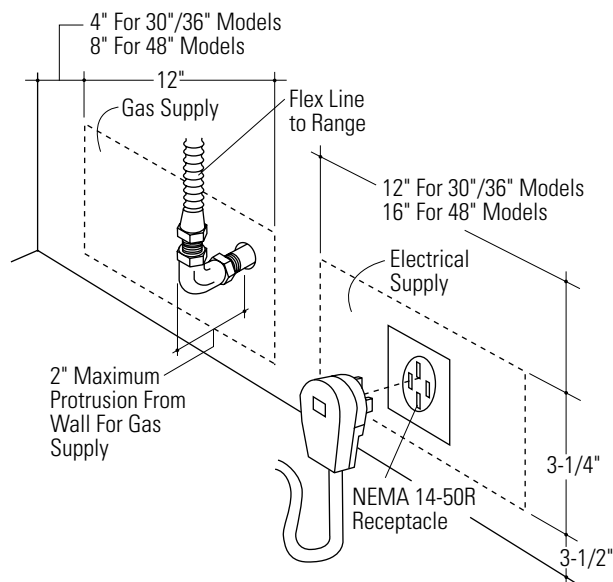
Installation Preparation

Professional Ranges

Power Supply Locations

Gas Supply:

- The natural gas models are designed to operate at 6" to 14" water column pressure.
- The liquid propane models are designed to operate at 11 to 14" water column pressure. A regulator is required at the L.P. source to provide a maximum of 14" water pressure to the range regulator.
- These gas ranges are supplied with 1/2" NPT female gas connection located at the left rear corner.
- A minimum 5/8" dia. metal flexible line is required.
- For flexible connection, locate pipe stub on the back wall as illustrated.
— Use 5-foot, 5/8" long flexible gas supply line.
- For rigid connection, locate the pipe stub as illustrated.
- Install a manual shut-off valve in the gas line, in an easily accessible location.



Electric Supply:

These ranges must be supplied with 208/240 volt, 60 Hz., and connected to a individual, properly grounded branch circuit protected by a circuit breaker or time delay fuse (50 amp for 48" ranges, 30 amp for 36" ranges and 25 amps for 30" ranges). The receptacle must be a NEMA 14-50R device to accept the

4-prong plug supplied with the range.

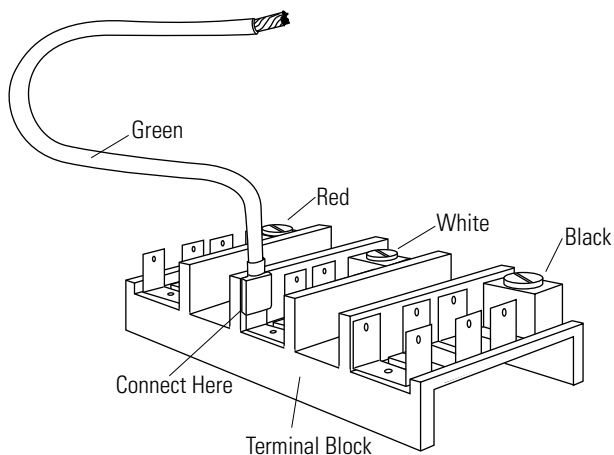
If the electrical service provided does not meet the above specifications, it is recommended that a licensed electrician install an approved outlet.

- Locate the electric supply as illustrated.

! WARNING

The range is equipped for use with an electrical supply which uses a separate grounding conductor (4 wire system).

If this range must be connected to an electrical system which utilizes a single conductor for ground and neutral (3 wire system), the grounding jumper at the terminal block must be connected. The grounding jumper is located behind the front kick panel.



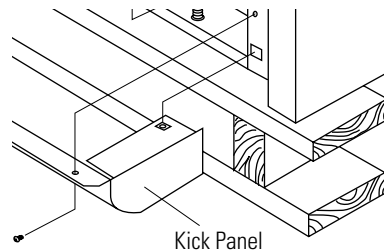
To connect grounding jumper:

- Disconnect restraining clip holding jumper.
- Connect green jumper to open terminal on neutral (white) portion of the terminal block.

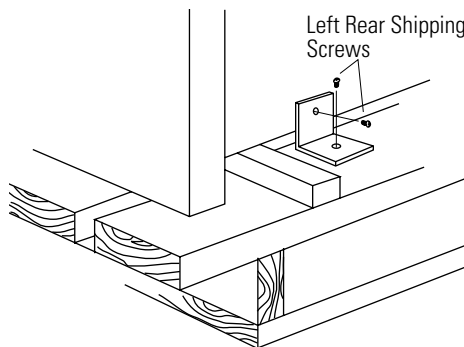
Step **1**
Remove
Packaging

Before moving the range indoors:

- Remove outer carton and packing material from the shipping base.



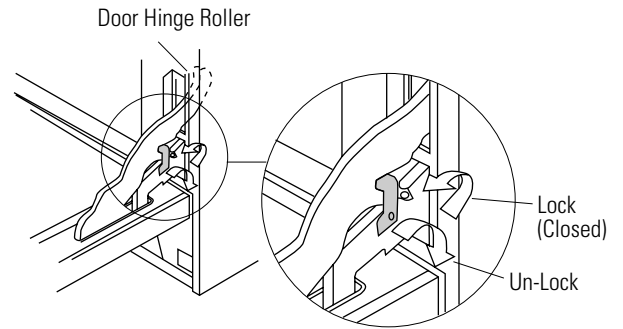
- Remove the kick panel by removing 2 screws at the top and pulling forward.



The range is secured to the skid with 2 bolts in the front and 2 "L" brackets on the bottom flange of the range back. Remove bolts and "L" brackets.

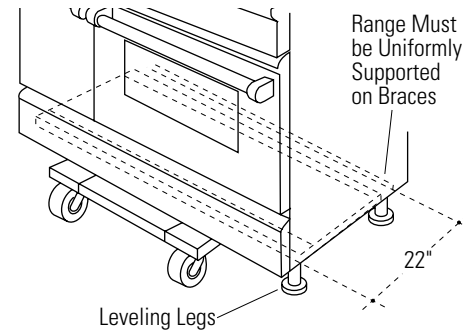
To simplify handling and to reduce the weight of the range:

- Remove the grates and drawers below the knobs.
- Remove grill and griddle covers. **DO NOT ATTEMPT TO REMOVE A GRILL OR GRIDDLE ASSEMBLY.**
- Remove the broiler pans/literature package from inside oven(s).



Remove oven doors:

- Open the door fully and hold down.
- Close the brass hinge latches to locked position on each side.
- Carefully, lift and pull the door away from the range and out of the frame.



Due to the weight of these ranges, use a dolly with soft wheels to move this range.

- Lift the range onto the dolly and move indoors.

Installation

Professional Ranges

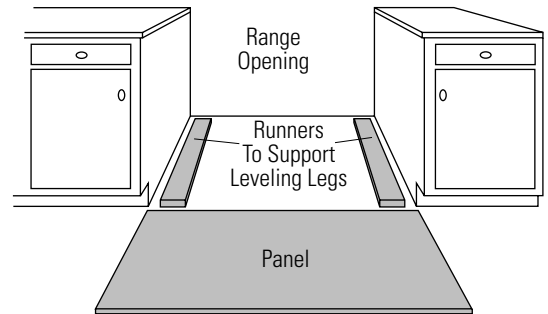
Step 1 Remove Packaging (continued)

36" and 48" Wide Models:

- Remove the panel from the rear of the shipping pack. Lay the panel on the floor directly in front of the installation location. The range should be placed on this panel to prevent damage to the floor.

All Models:

- Remove the two strips from the oven interior. Place the strips on the floor at the left and right sides of the installation location. These strips provide a surface for sliding the range into the final position and will prevent damage to the floor. The leveling legs must rest permanently on these runner strips.



Step 2 Level the Range

Note: Rear range leveling legs are not accessible after installation.

- Check to be sure the adjoining cabinets/countertops are level, front to back and left to right across the opening of the range.
- Measure the distance from the floor to the top of the countertop in the left and right rear corners.

- Adjust the height of the range to countertop height or higher.

IMPORTANT: The range should always be installed at countertop height or higher. **DO NOT INSTALL THE RANGE LOWER THAN ADJACENT COUNTERTOP HEIGHT.**

Step 3 Install Anti-Tip Device

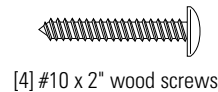


⚠ WARNING

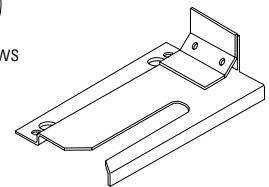
- All Ranges Can Tip
- Injury Could Result
- Install Anti-Tip Bracket Provided
- See Instructions

All Ranges must have an anti-tip device correctly installed according to these instructions.

- If the range is pulled out from the wall for any reason, make sure that the device is properly engaged when pushed back against the wall or installation position.
- If the anti-tip device is not engaged, there is a possible risk that the range can tip over and cause injury if you or a child stand, sit or lean on an open door.



[4] #10 x 2" wood screws



Anti-Tip Bracket

The anti-tip bracket is designed to be installed on top of the slide (runners) provided with the range. Any other type of construction may require special installation techniques to insure adequate fastening of the anti-tip bracket to the floor or wall.

- The bracket must be properly installed to prevent tipping of the range.
- Read the AHAM Anti-Tip Safety brochure packed with the product.

AHAM Anti-Tip
Safety Brochure

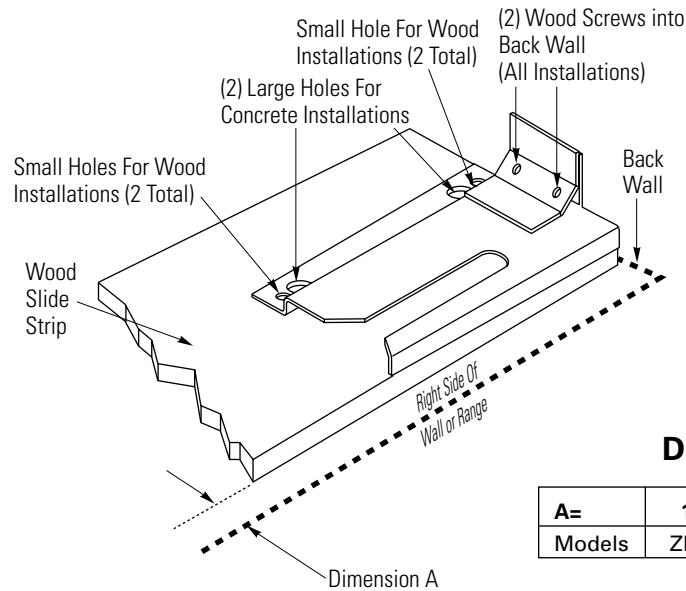


Installation

Professional Ranges

Step 3

Install Anti-Tip Device (continued)



Dimension A

A=	1/2"	5/8"	1/4"
Models	ZDP48	ZDP36	ZDP30

Wood Construction:

- Place the bracket against the back wall, into the right rear corner of the installation location.
- See Dimension A, position the bracket the correct distance from the right side. Mark the 2 small screw holes for fastening the bracket to the floor and remove the bracket.
- Drill two, 1/8" diameter pilot holes.
- Fasten the bracket securely to the floor and wall using all 4 screws provided.

Concrete or Cement Construction:

Hardware Required (not supplied):

[2] sleeve anchors, lag bolts and washers.

- Place the bracket against the back wall, into the right rear corner of the installation location.
- See Dimension A, position the bracket the correct distance from the right side. Mark the 2 large holes for fastening the bracket to the floor and remove the bracket.
- Drill recommended size holes for the hardware.
- Install the sleeve anchors into the holes and then install the lag bolts through the bracket. The bolts must be properly tightened as recommended for the hardware.
- Fasten the bracket securely to the floor.
- Drive wood screws into the back wall.

Installation

Professional Ranges

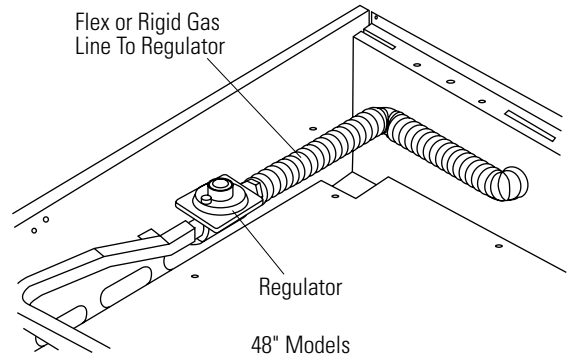
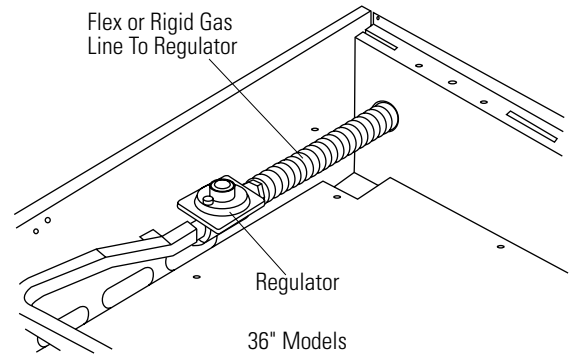
Step 4

Connect Range to Gas

A manual shut-off valve must be installed where it will be accessible.

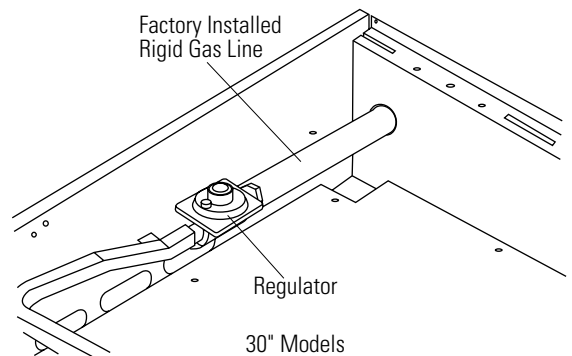
Assure that gas is turned off at the shut-off valve.

- Remove all burner/hanger screws.
- Lift and remove all open top burners/hangers to reveal the gas inlet location at the back of the range.
- Pull the flexible metal gas line through the back of the range and into the cooking area until it meets the regulator.
- Connect flexible metal connector to incoming gas line pipe stub.
- Turn on gas and check for leaks:
 - Use a liquid leak detector at all joints and connections in the system.



30" Wide Models:

Rigid pipe is factory installed from the regulator to the bottom rear of the range. Flexible line may be used to connect to the pipe stub.

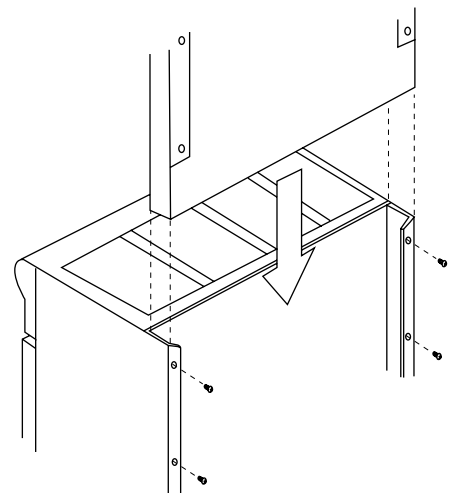


Step 5

Install the Range Backguard

A backguard is required for all installations.

- Insert the backguard into the guide channels on the back of the range.
- Secure the backguard to the range at the rear with the 4 sheetmetal screws provided.
- Install 2 or 3 screws through the front of the range, depending on your model.



Step 6

Connect Electrical

Plug power cord into properly grounded receptacle.

Step 7

Slide the Range Into Position

- Carefully, slide the range into position.
 - Be careful not to entangle power cord and gas flexible tubing.
 - Be sure the right rear leg is engaged in the slot of the installed anti-tip bracket.
 - Check for proper installation by grasping the range at the top front edge and carefully attempt to tilt the range forward.
 - Check to be sure the front of the range is level. Adjust front leveling legs accordingly.
 - Replace the front kick panel by reversing the procedure described in Step 1.
-

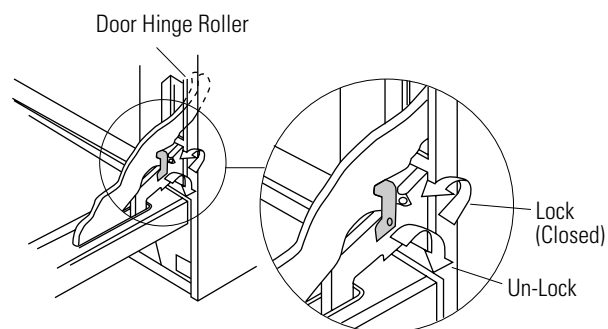
Step 8

Replace Oven Door(s)

To replace the oven doors:

- Slide the hinges into the openings. The hinge should rest in the center of each hinge roller.
- Open the door fully and unlock hinge latches.

CAUTION: Take care when replacing the oven doors. If the hinge latch is not securely locked, the hinge may snap back and separate. If the hinge separates, you must apply pressure (possibly with your foot) to press it back together and then engage the brass hinge latch.

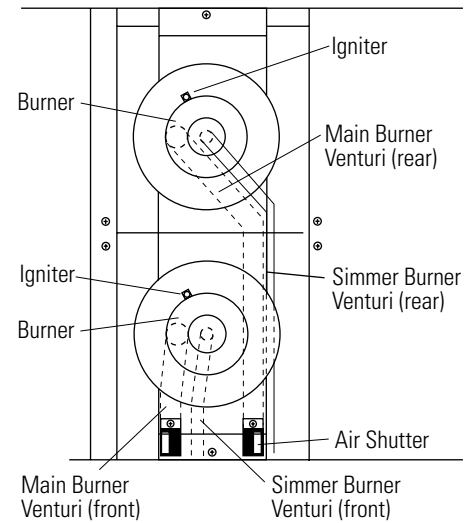


Step 9 Assemble & Adjust Burners

- Replace the burner bowls and burner caps.
- Adjustments should not be required, unless vibration during transit or variations in local gas supply make minor adjustments necessary.

CAUTION: Burner adjustments must be made by a qualified technician at the time of installation. Extreme care should be used if adjustments are made after installation.

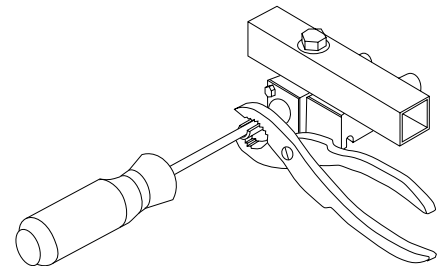
- Burner flames should be blue and stable with no yellow or yellow tips, excessive noise or lifting of the flame from the burner. If any of these conditions exist, check that the air shutter or burner ports are not blocked. If one of these conditions continues, adjust the air shutter as required.
 - If the flame is too yellow, there is insufficient air flow, adjust the shutter counterclockwise to increase air inlet.
 - If the flame is noisy or tends to lift away from the burner, there is too much air. Turn the shutter clockwise to reduce air.



Step 10 Adjustable Low Setting

The open top burners and grill valves have an adjustable low setting. Each valve is individually tested and adjusted before it is shipped. Minor adjustments may be required due to fluctuations in local gas pressure. Adjustments to increase or decrease gas flow may be necessary.

- Turn knob counter-clockwise to the LITE position.
- Once lit, turn the knob back to the “LOW” position.
- Remove the knob.
- Insert a thin-blade flat screwdriver into the valve shaft. (3/32" blade with recommended.)
- Grip the shaft with pliers and turn the



- screwdriver counter-clockwise to lower the flame, or clockwise to increase the flame.
- CAUTION:** Do not turn the flame so low that it goes out, causing the igniter to spark.
- When the desired setting is made, replace the knob and turn burner off.

Finalize Installation

Place the burner grates into operating position. Press corner of the grate to the cooktop. The grates should be seated and should not rock.

Models equipped with grill and griddle:

- The grill and griddle are secured with screws at the front. They are designed to be stationary and should not to be removed.

- The griddle has two leveling screws beneath the rear flue cover which can be used to adjust to the desired slope. The center screw is for shipping purposes only and should be removed.

NOTE: While performing installations described in this book, safety glasses or goggles should be worn.

To obtain specific information concerning any Monogram product or service, call GE Answer Center® consumer information service at 800.626.2000—any time, day or night.

For Monogram local service in your area, call 1-800-444-1845.

NOTE: Product improvement is a continuing endeavor at General Electric. Therefore, materials, appearance and specifications are subject to change without notice.

Pub. No. 49-8814-1
Dwg. No. 164D3333P058
© 1999 GE Appliances
(N.D. 295) 5/99
10658 Rev. 3



General Electric Company
Louisville, KY 40225