Installation Guide

PROFESSIONAL-STYLE GAS RANGES WITH TILT CONTROL PANEL

KOS-RG07T MODELS

KOS-36RG07T

KOSTCH

GAS SUPPLY REQUIREMENTS

Installation of this range must conform with local codes, or in the absence of local codes, with national Fuel Gas Code ANSIZ223.1 / NFPA 54.

In Canada, installation must conform to the current natural Gas Installation /code, CAN 1-1.1-M81 and with local codes where applicable.

Reading	LP in. w.c.	NG (Natural Gas) in. w.c,
Maximum gas pressure	13.0	10.0
Test pressure	≥11.0	≥6.0
Appliance Regulator Setting for outlet pressure	10.0	5.0

Safety tips for gas operation

Keep appliance area clear and free from combustible materials, gasoline, and other flammable vapors.

Do not obstruct the flow of combustion air into the range and ventilation air away from the range.

Ventilation: it is recommended that the unit be set under a powered, vented exhaust hood of sufficient size and capacity.

Before installing the range, you must locate and secure the included anti-tip bracket to the wall for your range.

CAUTION

The use of cabinets for storage above the appliance may result in a potential burn hazard. Combustible items may ignite; metallic items may become hot and cause burns. If a cabinet storage is to be provided, the risk can be reduced by installing a range hood that projects horizontally a minimum of 5" (12.7cm) beyond the bottom of the cabinets.

⚠ WARNING

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

⚠ 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 oven.

All openings in the wall behind the appliance and in the floor under the appliance shall be sealed.

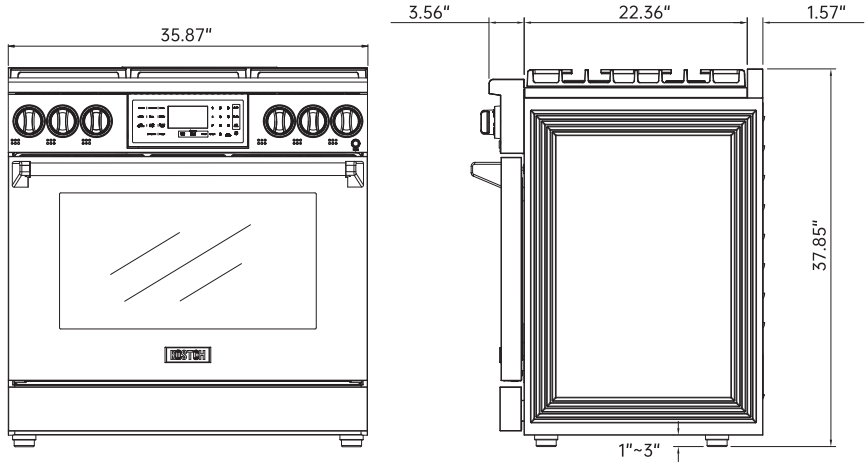
DIMENSIONS AND CLEARANCES

The range may be installed flush to the rear wall.

You may install a non-combustible material, such as tile, on the rear wall above the range and up the vent hood.

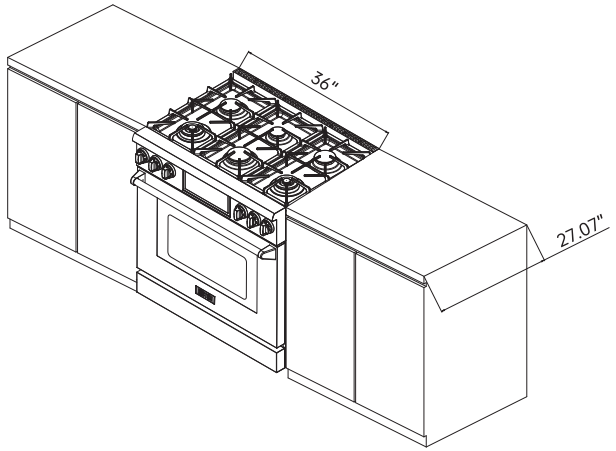
It is not necessary to install non-combustible materials behind the range below the counter top height.

The minimum distance from the side of the range above the counter top to combustible sidewalls must be at least 10 inches.



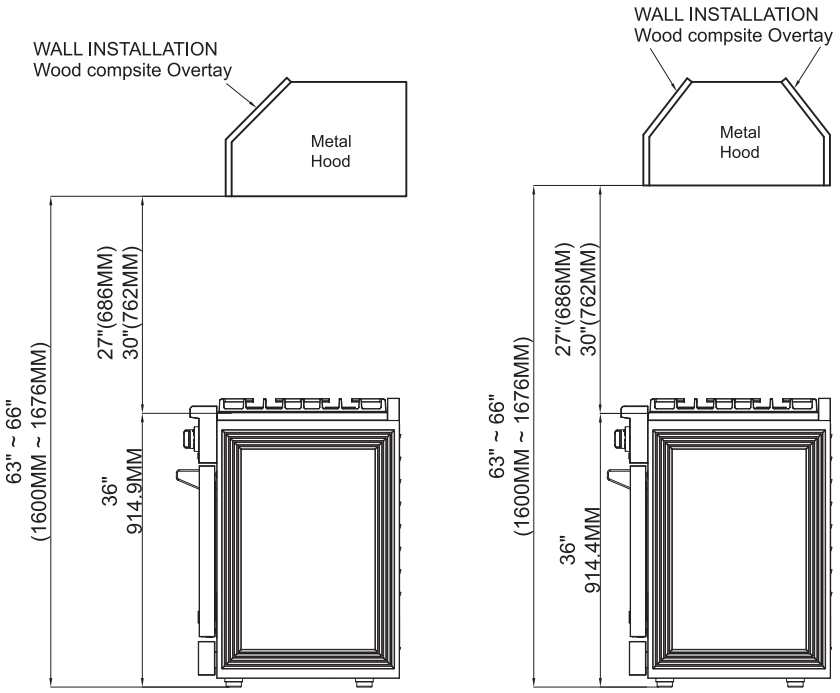
The maximum depth of cabinets installed above cooking tops be 13 in (330mm).

36" Gas Range Clearance



DIMENSIONS AND CLEARANCES

Top hood and cabinet specifications



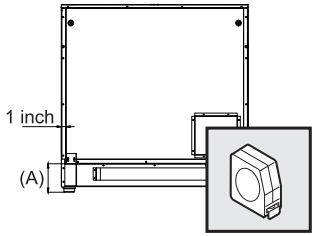
Condition	Minimum clearance allowed
Clearance between the top of the cooking surface and the bottom of an unprotected wood or metal cabinet	36"
cabinet that is protected by not less than: · 1/4-inch-thick flame-retardant mill board covered with not less than: - No. 28 MSG sheet steel or - 0.015-inch-thick stainless steelor - 0.024-inch-thick aluminum or - 0.020-inch-thick copper	24"

ANTI-TIP DEVICE INSTALLATION

Anti-tip device installation - wall mount

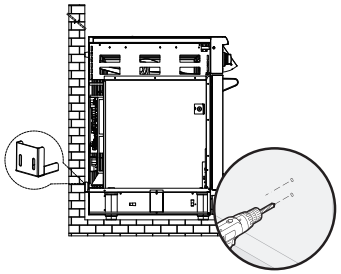
⚠ WARNING

Tipping hazard.
To reduce the risk of the appliance tipping, it must be secured by a properly installed anti-tip bracket(s). To make sure the bracket has been installed properly, look behind the range with a flashlight to verify proper installation.
- This range can tip.
- Injuries to persons can result.
- Install anti-tip device packed with range.
- See installation instructions.

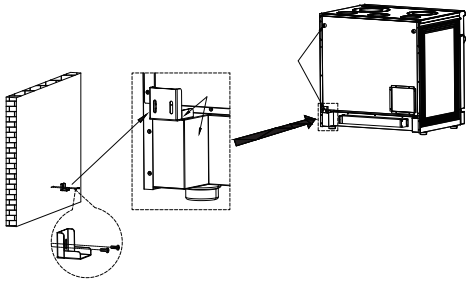


Measure from floor to bottom of the anit-tip opening located on the back of range. This will be measurement (A).

Locate anti-tip bracket 1inch from where the right side of range (facing range) is to be located.



Mark and drill holes where bracket will be located.



Attach bracket with mounting hardware provided.

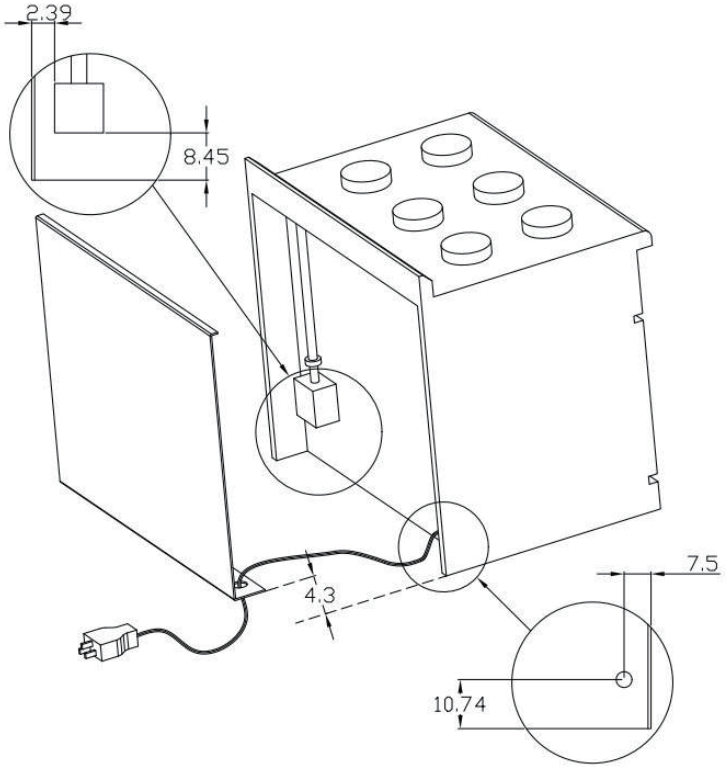
ELECTRIC POWER SUPPLY REQUIREMENTS

Your range must be electrically grounded in accordance with local codes or, in the absence of local codes, in accordance with the National Electrical Code (ANSI/NFPA 70, latest edition).

In Canada, electrical grounding must be in accordance with the current CSA C22.1 Canadian Electrical Code Part 1 and/or local codes. A copy of this standard may be obtained from: National Fire Protection Association, 1 Battery march Park, Quincy, Massachusetts 02269-9101.

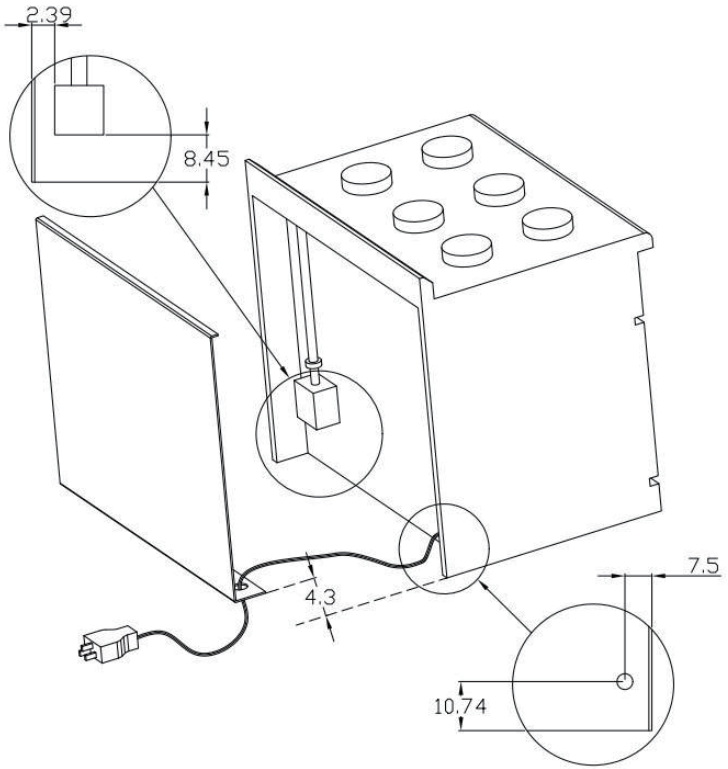
The power supply must be the correct polarity. Reverse polarity will result in continuous sparking of the electrodes, even after flame ignition. If there is any doubt as to whether the power supply has the correct polarity or grounded, have it checked by a qualified electrician.

Use 120V, 60Hz, and properly grounded branch circuit protected by a 15-amp or 20-amp circuit breaker or time delay fuse.



Installation for KOS-RG07T 36 inches Gas Range

ELECTRIC POWER SUPPLY REQUIREMENTS



Installation for KOS-RG07T 30 inches Gas Range

ELECTRIC POWER SUPPLY REQUIREMENTS

⚠ WARNING

This indoor gas cooking appliance is equipped with a three-prong (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-pronged receptacle.

Where a standard two-prong wall receptacle is encountered, it is the responsibility and obligation of the customer to have it replaced with a properly grounded three-prong wall receptacle.

Do not cut or remove the grounding prong from the power cord.

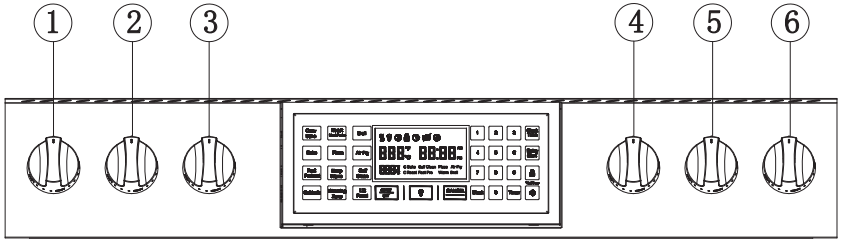
Before connecting plug to the cord, disconnect the electrical supply.

CAUTION

Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

Install oven knobs

1. Check the knobs.



2. Install oven Knobs.

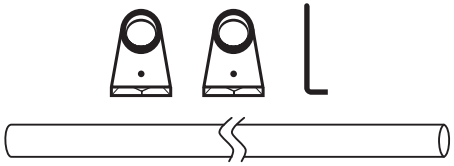
Model #	Burner Knob
36"	6

ELECTRIC POWER SUPPLY REQUIREMENTS

Install oven handle

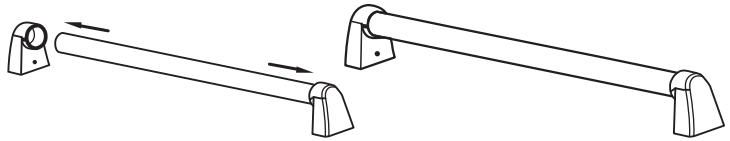
1. Your KOSTCH range might have a KD handle that needs to be installed.
   Please Follow up the following procedures for the oven door handle installation

1.1 Check your Installation Kits for Door Handles

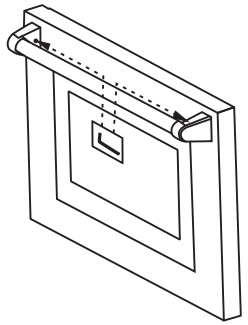


2 * Handle Holders, 1 * Installation Wrench,
1 * Handle (For 18", 30" or 36" Oven)

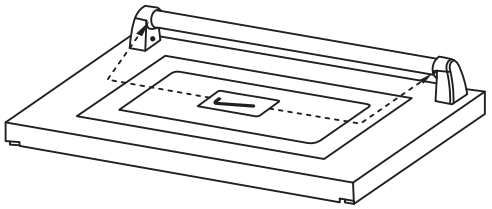
1.2 Connect door handle holders to each side of the handle



1.3 Lay the door handle against to the oven door and fit it on the connection part, and use the wrench to get the door handle holder tight;



1.4 Use the wrench to tighten the door handle holders.



2. Check if the oven door handle is level and stable.

ELECTRIC POWER SUPPLY REQUIREMENTS

Install rubber pad on back panel

To prevent the range too close to the wall, there are 2 plastic pads offered with the user's manual, please find the accessories and follow the below steps:

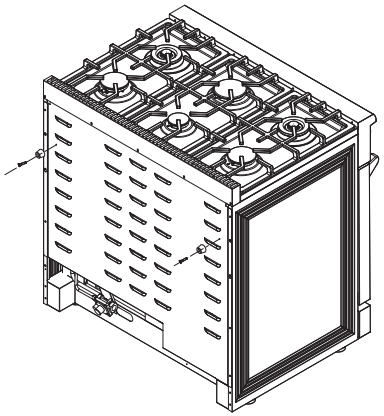
1. check the installation kit packed with manual.



2* screws

2* plastic pad

2. Install the 2 plastic pats as showed above.



Electrical grounding instructions

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Do not cut or remove the grounding prong from the power cord. Before connecting plug to the cord, disconnect the electrical supply.

⚠ CAUTION

Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

CONNECT RANGE TO GAS SUPPLY

Connect range to gas supply

Most localities will require that the stove shutoff valve and gas connections be installed by a certified technician or plumber. These instructions are for a professional. Gas installation specifications and regulations may vary so please consult your local codes before proceeding.

a. Install a manual gas line shut-off valve in the gas line as follows:

- in an easily accessed location outside the range.
- in the gas piping external to the appliance.

b. Install male 1/2” flare union adapter to 1/2” NPT internal thread elbow at inlet of regulator.

On models equipped with standard twin burners, install the male pipe thread end of the 1/2” flare union adapter to the 1/2” NPT internal thread at inlet of pressure regulator.

Use a wrench on the regulator fitting to avoid damage.

c. Install male 1/2” or 3/4” (3/4” refers to 48-inch gas range) flare union adapter to the NPT internal thread of the manual shut-off valve, taking care to secure the shut-off valve to keep it from turning.

d. The gas supply pressure for checking the regulator setting is 6 in.w.c. (Nature Gas) and 11 inch.w.c. (LP gas) connect flexible gas line connector to the regulator on the range. Position range to permit connection at the shut-off valve.

e. When all connections have been made, make sure all range controls are in the position and turn on main gas supply valve.

f. Leak testing of the appliance shall be conducted according to the manufacturer’s instructions. Use some soap water (50% water and 50% soap) or a leak detector at all joints and connections to check for leaks in the system. Do not use a flame to check for gas leaks.

g. The appliance must be isolated from the building’s gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressure equal to or less than 1/2 psig(3.5kPa).

After installation

a. Check ignition of cooktop burners.

b. Check ignition of oven burner.

c. Visually check tubular burner (oven burner) re-ignition to be sure both rows of burner ports are relighting each time.

d. Check for gas leaks at all gas connections (using a gas detector, never a flame).

e. Check oven bake and convection bake function.