

INSTALLATION INSTRUCTIONS

RANGETOPS

RST36/LP | RST36B/LP | RST36W/LP
RST48/LP | RST48B/LP | RST48W/LP

REV.092026

INSTALLATION INSTRUCTIONS MANUAL

RANGETOPS

RST36/LP | RST36B/LP | RST36W/LP

RST48/LP | RST48B/LP | RST48W/LP

THOR KITCHEN®

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SAFETY INFORMATION

IN THE COMMONWEALTH OF MASSACHUSETTS

- This product must be installed by a licensed plumber or gas fitter.
- When using ball type gas shut-off valves, they shall be the T-handle type.
- A flexible gas connector, when used, must not exceed 3' (0.9 m).

⚠ WARNING **FIRE OR EXPLOSION HAZARD**

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

Installation must be performed by a qualified installer.Read these instructions completely and carefully.Installation of this rangetop must conform with local codes, or in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA.54, latest edition. In Canada, installation must conform with the current Natural Gas Installation Code, CAN/CGA-B149.1 or the current Propane (LP) Installation Code, CAN/CGAB149.2, and with local codes where applicable. This rangetop has been design-certified by CSA International according to ANSI Z21.1, latest edition and Canadian Gas Association according to CAN/CGA-1.1 latest edition. When installing a gas appliance the use of old flexible connectors can cause gas leaks and personal injury. Always use a NEW flexible connector.Leak testing of the appliance shall be conducted according to the manufacturer instructions.The rangetop 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. See Electrical Connections in this section..Do not install this product with an air curtain hood or other range hood that operates by blowing air down on the cooktop. This airflow may interfere with operation of the gas burners resulting in fire or explosion hazard.

SAFETY INFORMATION

BEFORE YOU BEGIN

- **IMPORTANT** - Save these instructions for local inspector's use.
- **IMPORTANT** - Observe all governing codes and ordinances.
- **IMPORTANT**- Remove all packing materials and literature from the rangetop before connecting the gas and electrical supplies.
- **IMPORTANT-** To avoid damage to your cabinets, check with your builder or cabinet supplier to make sure that the materials used will not discolor, delaminate or sustain other damage. This rangetop has been designed in accordance with the requirements of CSA International and complies with the maximum allowable wood cabinet temperature of 194°F (90°C).

Note to Installer

- Be sure to leave these instructions with the consumer.

Note to Consumer

- Keep these instructions with your Owner's Manual for future reference.

Servicer - The electrical diagram is in an envelope attached to the back of the rangetop.

- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under warranty.

VENT HOOD COMBINATIONS

A suitable overhead vent hood is required for models with a griddle and is recommended for all other models.

Due to the high heat capacity of this unit, particular attention should be paid to the hood and ductwork installation to assure it meets local building codes.

Clearances to horizontal surfaces above the rangetop, measured to the cooking surface are below. Failure to comply may result in fire hazard.

- Installations without a hood require 48" minimum to combustibles.
- A custom hood installation with exposed horizontal combustibles surfaces must have an Auto-On feature.
- For other installations with a hood, refer to hood installation instructions for specific hood clearances.

⚠ CAUTION

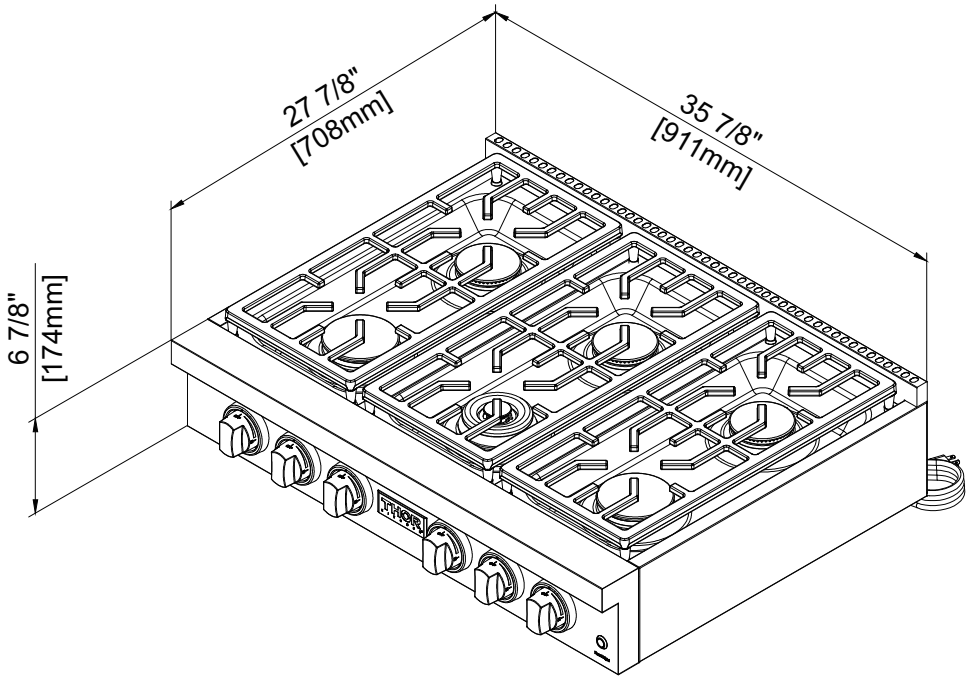
These rangetops are extremely heavy. Some disassembly will reduce the weight considerably. Due to the weight and size of the rangetop and to reduce the risk of personal injury or damage to the product:

TWO PEOPLE ARE REQUIRED FOR PROPER INSTALLATION OF RANGETOPS.

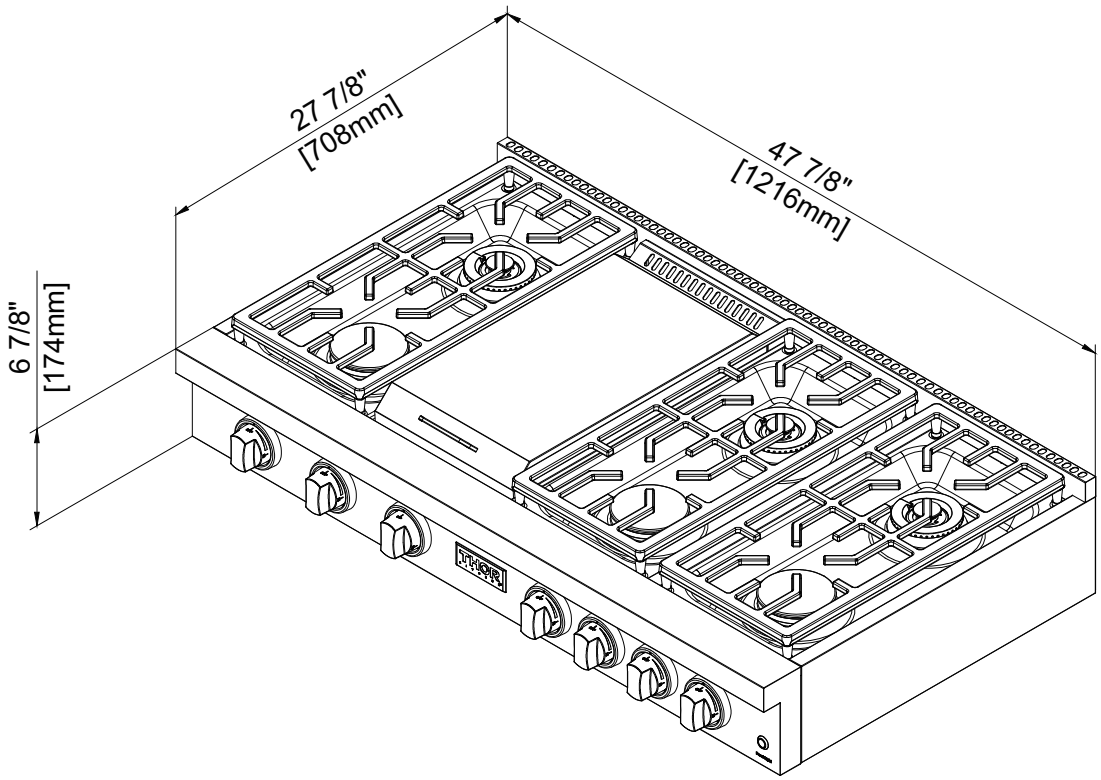
THREE PEOPLE ARE REQUIRED FOR PROPER INSTALLATION OF 48" RANGETOPS.

DESIGN INFORMATION

PRODUCT DIMENSIONS AND CLEARANCES



FOR 36" MODELS



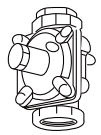
FOR 48" MODELS

INSTALLATION INFORMATION

INSTALLATION AT HIGH ALTITUDE

Over 6000ft, product configured for natural gas or propane requires installation of kit . Follow the instructions included with the kit.

MATERIALS PROVIDED

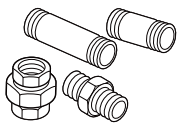


Regulator

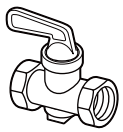
MATERIALS REQUIRED (not provided)



Pipe Thread Sealant



Pipe Fittings

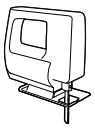


Shut-Off Valve

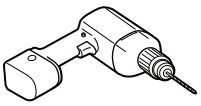


5-foot maximum length, 5/8" O.D. CSA-approved flexible metal gas supply
NOTE: Purchase new flexible line; do not use previously used flexible gas line.

TOOLS REQUIRED



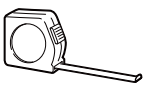
Saber Saw



Drill and Appropriate Bits



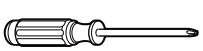
Safety Glasses



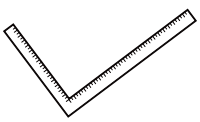
Measuring Tape



Adjustable Wrench



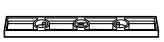
Phillips #2 Screwdriver



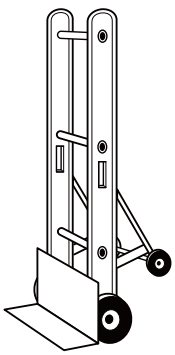
Carpenter's Square



1/4" Driver or Wrench



Level



Hand Truck

INSTALLATION

1.REMOVE PACKAGING

⚠ CAUTION

Keep clear of hazardous area. The cut end of the packing strap may snap toward you.

1.Cut off the plastic packing straps.

2.Slit the sealing tape on the TOP side of the carton.

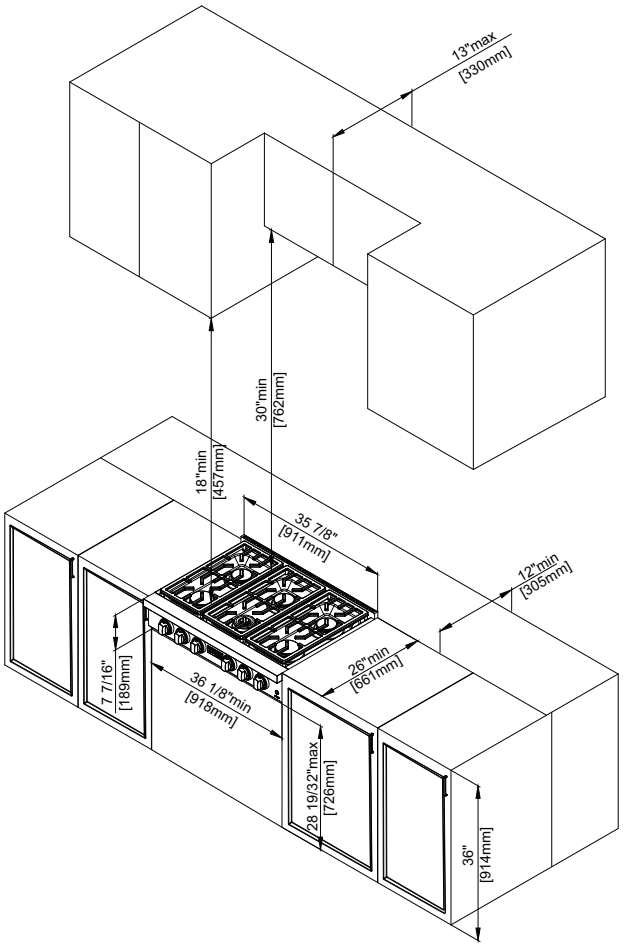
3.Remove the top styrofoam.

4.Remove the accessory bag, rangetop feet, and burner grates.

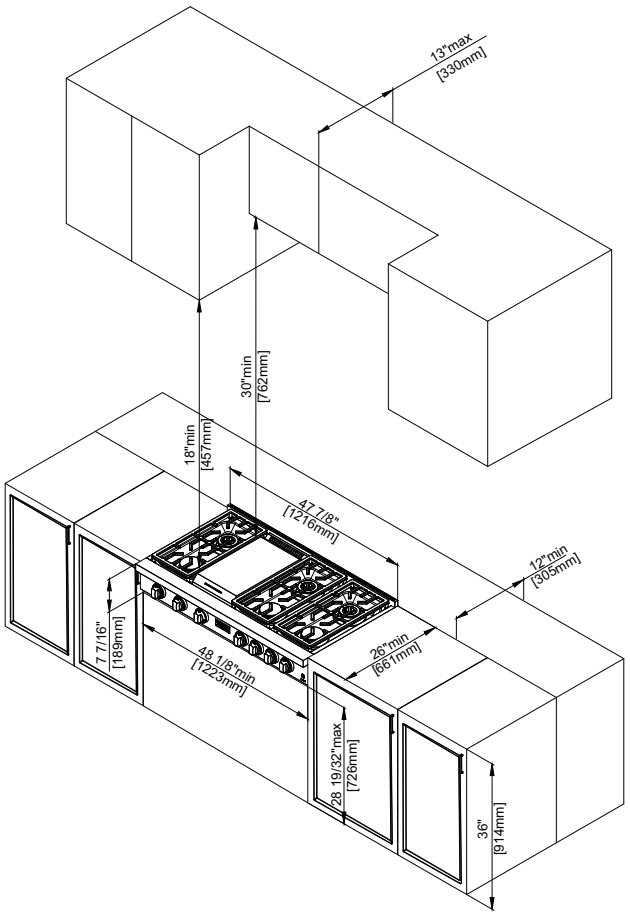
5.Remove paper gaskets, burner head-divider assemblies and styrofoam pieces.

6.Take out the left/right styrofoam blocks and the main unit from the carton.

2.CUT THE COUNTERTOP OPENING



36" wide models are designed to fit in 36" or wider base cabinets



48" wide models are designed to fit in 48" or wider base cabinets

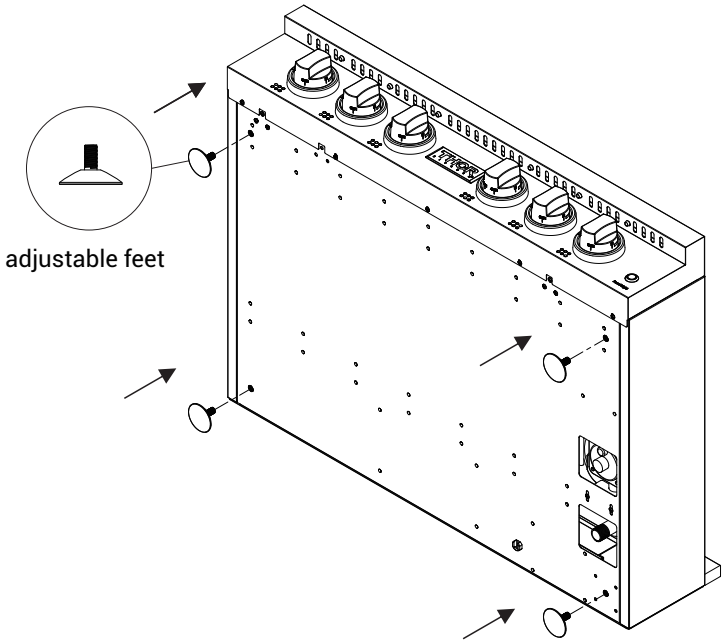
Measure carefully when cutting the countertop. Make sure sides of the opening are parallel.

- Allow 8" free space below the top surface of the countertop.
- Allow additional clearance below the rangetop burner box for the regulator and gas connections. Use a 90° elbow to route the gas connections and limit interference with drawers or other cabinetry features.
- These rangetops are designed to hang from the countertop by their side flanges.
- Smooth any rough edges on the countertop before installing the rangetop.

INSTALLATION

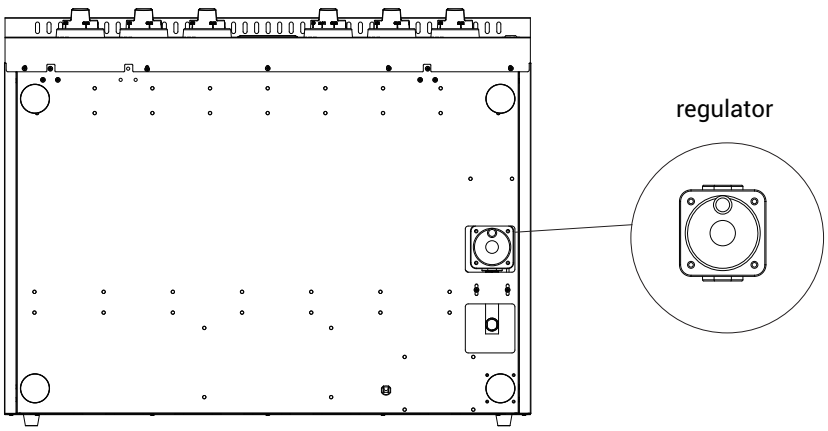
3.USING THE ADJUSTABLE FEET

Place the rangetop on its side, then install the adjustable feet onto the corresponding mounting positions on the bottom of the unit. After adjustment, slide the rangetop into the cut-out opening and level it with the countertop.



4.CONVERSION TO PROPANE (LP) OR NATURAL GAS

The pressure regulator and the burner orifices are set for natural gas at the factory. To operate the rangetop with propane (LP), the regulator and burner orifices must be converted. The conversion must be performed by a qualified propane (LP) gas installer. Keep these instructions and all orifices in case you want to convert back to natural gas.



5.GAS SUPPLY

⚠ WARNING Fire Hazard：Do not use a flame to check for gas leaks.

⚠ WARNING Explosion Hazard: Do not exceed 25 ft-lbs of torque when making gas line connections. Overtightening may damage the pressure regulator resulting in fire or explosion hazard.

Gas Pressure Regulator

You must use the gas pressure regulator supplied with this rangetop. For proper operations the inlet pressure to the regulator should be as follows:

	LP (Liquid Propane) in wc	NG (Natural gas) in wc
Maximum gas supply pressure	13.0	10.0
Test pressure	≥ 11.0	≥ 6.0
Appliance pressure regulator setting for outlet pressure	10.0	5.0

If you are not sure about the inlet pressure contact local gas supplier.

Shut off the main gas supply valve before disconnecting the old rangetop and leave it off until the new hook-up has been completed. Don't forget to relight the pilot on other gas appliances when you turn the gas back on.

Because hard piping restricts movement of the rangetop, the use of a CSA International-certified flexible metal appliance connector is recommended unless local codes require a hard-piped connection.

If the hard piping method is used, carefully align the pipe; the rangetop cannot be moved after the connection is made.

To prevent gas leaks, put pipe thread sealant on, or wrap pipe thread tape with Teflon* around all male (external) pipe threads.

A. Install provided pressure regulator directly to the gas inlet pipe of the rangetop. Refer to the arrow on the back of the regulator for gas flow direction. Ensure the front of the regulator is facing towards the cabinet front, easily accessible through the cabinet doors.

B. Install a manual shut-off valve in the gas line in a location easily accessible through the cabinet doors.

C. When all connections have been made, ensure all gas controls are in the off position and turn on the main gas supply valve. Use a liquid leak detector at all joints and connections to check for leaks in the system.

*Teflon: Registered trademark of DuPont

INSTALLATION

6.ELECTRICAL CONNECTIONS

⚠ WARNING

Shock Hazard:This appliance must be properly grounded. Failure to do so can result in electric shock.

Electrical Requirements-120-volt, 60 Hertz, properly grounded dedicated circuit protected by a 15-amp or 20-amp circuit breaker or time delay fuse.

NOTE: Use of automatic, wireless, or wired external switches that shut off power to the appliance are not recommended for this product.

Grounding

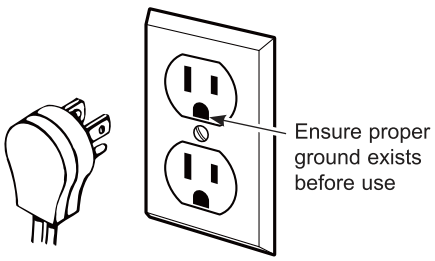
The power cord of this appliance is equipped with a three-prong (grounding) plug which plugs into a standard three-prong grounding wall receptacle to minimize the possibility of electric shock hazard from this appliance.

The customer should have the wall receptacle and circuit checked by a qualified electrician to make sure the receptacle is properly grounded.

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

DO NOT, UNDER ANY CIRCUMSTANCES, CUT OR REMOVE THE THIRD (GROUND) PRONG FROM THE POWER CORD. DO NOT USE AN ADAPTER. DO NOT USE AN EXTENSION CORD.

GFCI protection is not required for this rangetop unless required by local codes. If the rangetop is connected to a GFCI-protected circuit, occasional nuisance tripping may occur.



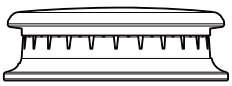
7.CHECK BURNERS

⚠ WARNING Fire or Explosion Hazard: Do not operate the burner without all burner parts in place.

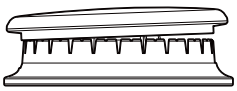
A. Burners - Place surface burners into corresponding positions on cooktop

B. Caps - Place caps on proper size burner.

C. Grates - The left and right grates are interchangeable. Place the grates on the cooktop.



Burner Cap Properly Seated



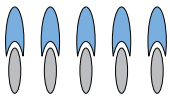
Burner Cap Not Properly Seated

8.CHECK SURFACE BURNERS

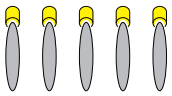
Push and turn a knob to the LITE position. A clicking sound indicates proper operation of the ignition system. When lighting any burner, sparks will appear at all burners but gas flows from only the one selected. Once air is purged from the supply line, burner should light within 4 seconds. After burner lights, rotate the knob out of the LITE position. Try each burner in succession until all burners have been checked.

Quality of Flames:

Determine the quality of flames visually. Normal burner flames should look like (A) or (B).



(A) Soft blue flames — Normal for natural gas



(B) Yellow tips on outer cones — Normal for propane (LP) gas

Long, bright yellow flames are not normal. Normal flames may show signs of an orange tint when well heated or signs of flickering orange due to particles in the gas or air.

9.WHEN ALL HOOKUPS ARE COMPLETED

Make sure all controls are left in the off position. Make sure the flow of combustion and ventilation air to the rangetop is unobstructed.

Check that all packing materials and tape have been removed. This will include tape on metal panel under control knobs (if applicable), adhesive tape, wire ties, cardboard, and protective plastic. Failure to remove these materials could result in damage to the appliance once the appliance has been turned on and surfaces have heated.

WARRANTY

THOR KITCHEN®

Warranty&Service

This appliance has been manufactured by Thor International, 10830 Ada Ave, Montclair, CA 91763 United States.

For Customer Service, please call (877) 288 - 8099

For the most up to date warranty and service policy, please refer to our website WWW.THORKITCHEN.COM/WARRANTY-REGISTRATION

For in-warranty service requests, please visit our website at WWW.THORKITCHEN.COM/SERVICE

Please Note: You must provide proof of purchase or installation date for any in-warranty service requests

We Stand Behind the Quality of Our Appliances.

Reliability and customer satisfaction are our top priorities. We offer a solid two-year warranty on both parts and labor. Enjoy professional-grade performance with the confidence that we've got you covered.

Warranty Registration Made Easy.

01 Scan the QR Code or visit thorkitchen.com/register-your-product.

02 Input your purchase and product information and select register.

03 That's it. You're all set. Enjoy!

Questions: service@thorinternational.com

WARRANTY

PARTS