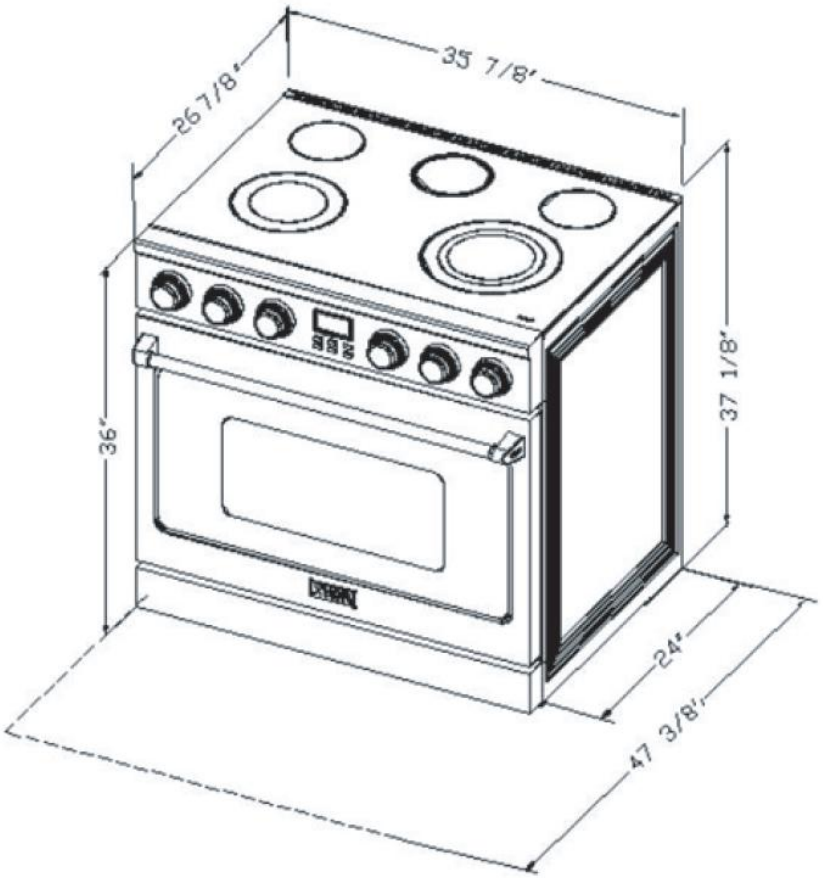
PRODUCT DIMENSIONS

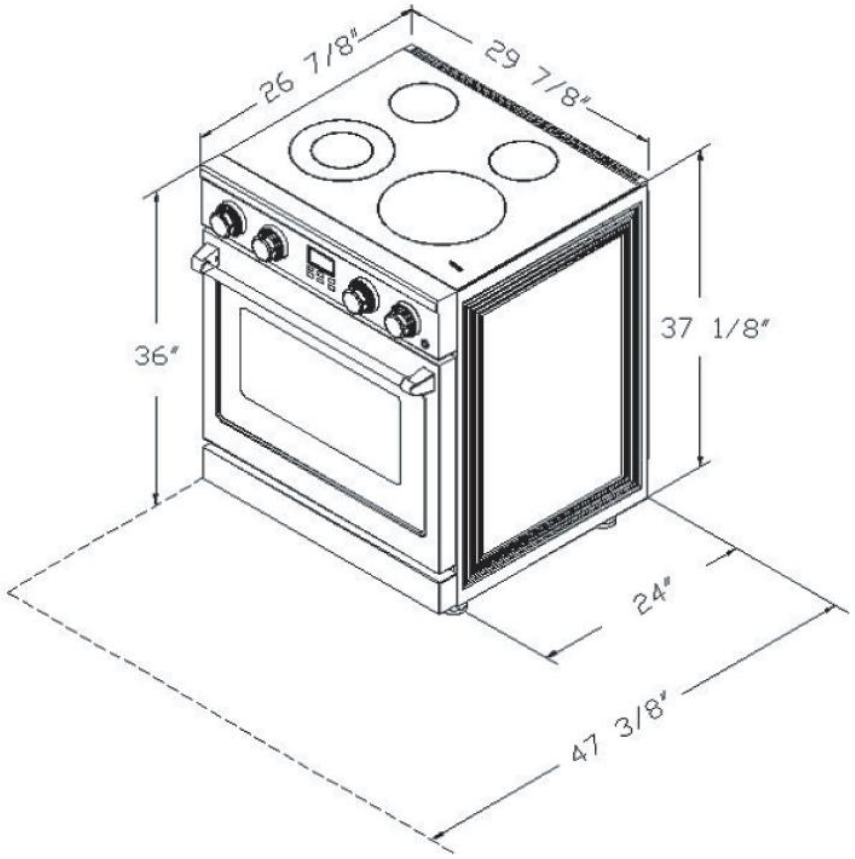
36“ Electric Range



ARE36 Dimension

PRODUCT DIMENSIONS

30“ Electric Range



ARE30 Dimension

Checking the installation site

Clearances and dimensions

To install the range,refer to the following figure.

For installation in CANADA,a Free-standing range is not to be installed closer than 12mm from any adjacent surface.

CAUTION

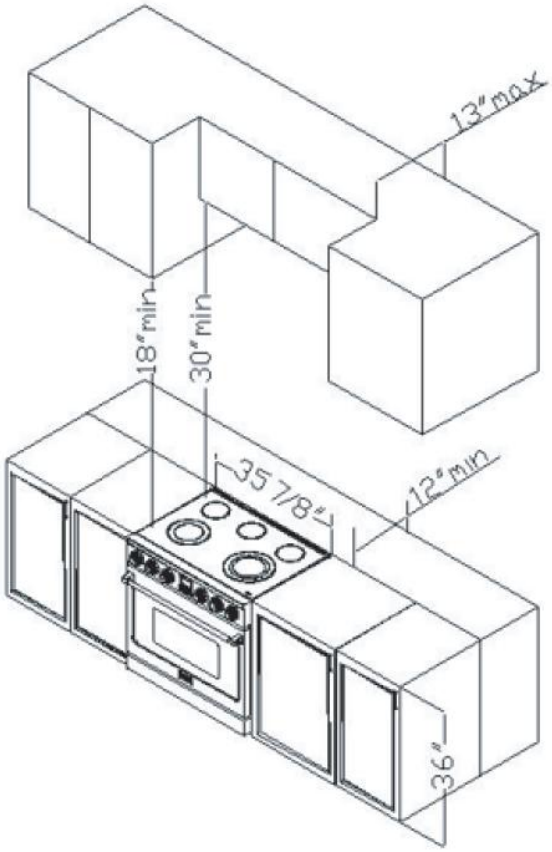
This range has been designed to comply with the maximum allowable wood cabinet temperatures of 194°F. Make sure the wall covering, counter tops and cabinets around the range can withstand the heat(up to 194° F)generated by the range. If not,discoloration,delamination or melting may occur.

PREPARING TO INSTALL THE RANGE

Minimum dimensions

IMPORTANT

To eliminate the risk of burns orfire caused by reaching over heated surface units,cabinet storage space located above the surface units should be avoided.If cabinet storage is to be provided,the risk can be reduced by installing a range hood that projects horizontally a minimum of 5"beyond the bottom of the cabinets.



MINIMUM DIMENSIONS BETWEEN COOKTOP, WALLS AND ABOVE THE COOKTOP:

A: Make sure the wall covering, countertop, flooring and cabinets around the range can withstand the heat (up to 200°F)generated by the range.

B: Allow 30"minimum clearance between surface units and bottom of unprotected wood or metal cabinet, or allow a 24"minimum when bottom of wood or metal cabinet is protected by no less than 1/4" thick flame retardant millboard covered with not less than No 28 MSG sheet metal, (.015"), .015" thick stainless steel, .024" aluminum or .020" copper.

C: This appliance has been approved for 0" spacing to adjacent surfaces above the cook top. However, a 6" minimum spacing to surfaces less than 15" above the cook top and adjacent cabinet is recommended to reduce exposure to steam, grease splatter and heat.

To reduce the risk of burns orfire when reaching over hot surface elements, cabinet storage space above the cook top should be avoided. If cabinet storage space is to be provided above the cook top, the risk can be reduced by installing a range hood that projects at least 5" beyond the front of the cabinets. Cabinets installed above the cook top must be mo than 18".

D: Allow 24"/30"/36" (depending on your range width) mini mun clearance between right and left cabinets.

CONNECTING THE POWER

Step 1.Meeting Electrical Connection Requirements

CAUTION

For personal safety, do not use an extension cord with this appliance. Remove house fuse or open circuit breaker before beginning installation.

This appliance must be supplied with the proper voltage and frequency, and connected to an individual properly grounded branch circuit, protected by a circuit breaker or fuse having amperage as specified on the rating plate. The rating plate is located on the right of oven door.

We recommend you have the electrical wiring and hookup of your range connected by a qualified electrician. After installation, have the electrician show you where your main range disconnect is located.

Check with your local utilities for electrical codes which apply in your area.

Failure to wire your oven according to governing codes could result in a hazardous condition. If there are no local codes, your range must be wired and fused to meet the requirements of the National Electrical Code, ANSI / NFPA No. 70 – Latest Edition.

Effective January 1, 1996, the National Electrical Code requires that new construction (not existing) utilize a 4-conductor connection to an electric range.

When installing an electric range in new construction, follow Steps for 4-wire connection.

You must use a 3-wire or 4-wire, single-phase A.C. 208Y / 120 Volt or 240 / 120 Volt, 60 hertz electrical system.

If the electrical service provided does not meet the above specifications, have a licensed electrician install an approved outlet.

Use only a 3-conductor or a 4-conductor UL-listed range cord. These cords maybe provided with ring terminals on wire and a strain relief device.

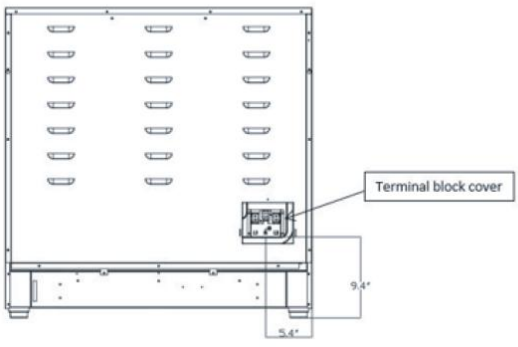
A range cord rated at 40 amps with 125/250 minimum volt range is required. A 50 amp range cord is not recommended but if used, it should be marked for use with no minimal 13/8" diameter connection openings. Care should be taken to center the cable and strain relief within the knock out hole to keep the edge from damaging the cable.

NOTE

This appliance is manufactured ready to be installed with a 4-wire cord set.

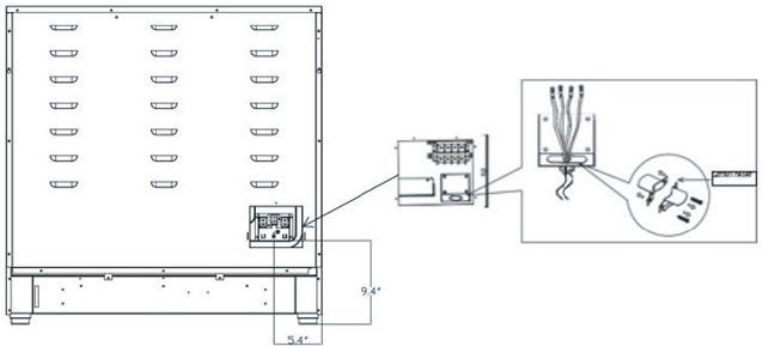
Step 2.Power Cord

1. Remove the rear terminal block cover and loosen the 6 screws with a screwdriver.Theterminal block will then be accessible.Do not discard these screws.



CONECTING THE POWER

2. For power cord installations only,hook the strain relief over the power cord hole located below the rear of the drawer body.Insert the power cord through the strain relief and tighten the device.



- You must install the power cord with a strain relief.
- Attach the strain relief to the opening in conduit connection plate.

Step 3.4-wire power cord installation

WARNING

Electrical Shock Hazard

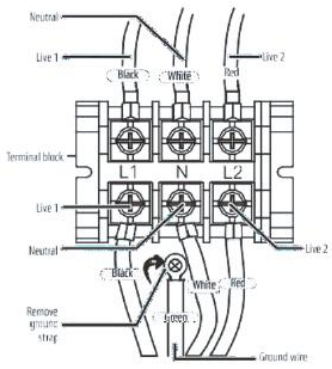
Electrical ground is required on this appliance. Do not connect to the electrical supply until appliance is permanently grounded. Disconnect power to the circuit breaker or fuse box before making the electrical connection.

This appliance must be connected to a grounded, metallic, permanent wiring system, or a grounding connector should be connected to the grounding terminal or wire lead on the appliance. Failure to do any of the above could result in a fire, personal injury or electrical shock. See below for more information on electrical grounding.

A. Remove the 4 lower terminal screws from the terminal block.

B. Insert the 4 terminal screws through each power cord terminal and into the lower terminals of the terminal block. Be certain that match the wire and terminals by color.

C. Tighten screws securely into the terminal block.



CAUTION

You must check voltage after connecting power cord.

Live 1-Neutral	120 V
Live 2-Neutral	120 V
Live 2-Live 2	208 V/240 V

Step 4 3-wire power cord

WARNING

Electrical Shock Hazard

Electrical ground is required on this appliance.

Do not connect to the electrical supply until appliance is permanently grounded.Disconnect power to the circuit breaker or fuse box before making the electricalconnection.

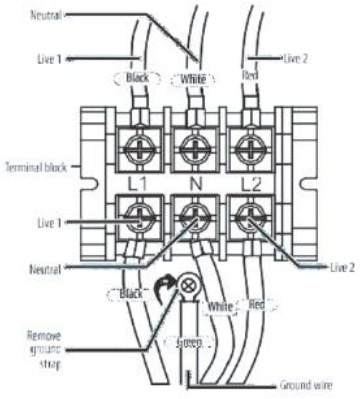
This appliance must be connected to a grounded,metallic,permanent wiring system,or a grounding connector should be connected to the grounding terminal or wire lead on the appliance.Failure to do any of the above could result in afire,personal injury or electrical shock.See below for more information on electrical grounding.

A. Remove the 4 lower terminal screws from the terminal block.

B. Insert the Green ground terminals together with white one.

C. Insert the 3 terminal screws through each power cord terminal and into the lower terminals of the terminal block.Be certain that match the wire and terminals by color.

D. Tighten screws securely into the terminal block.



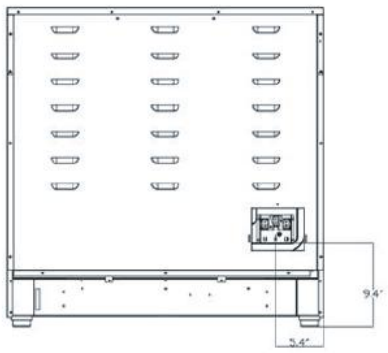
CAUTION

You must check voltage after connecting power cord.

Live 1-Neutral	120 V
Live 2-Neutral	120 V

Step 5.Replacing the terminal block cover

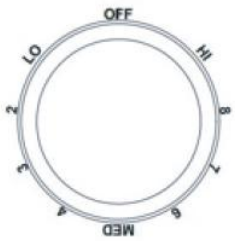
Replace the terminal block cover on the range back and tighten the screw.

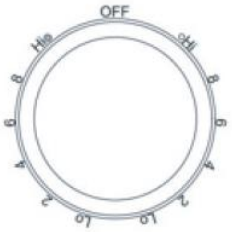


KD INSTALLATION PROCEDURES

Your Thor Kitchen range might have a KD Knob + handle design that need to be installed. Please follow the procedures for Knob+Oven door handle installation.

1. Check the knobs





2. See the sheet for the number of each knob

Model#	Dual Burner Knob	Single Burner Knob
36¨	2	3
30¨	1	3

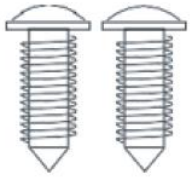
* For any parts damage or missing,please contact 877-288-809,or send email toinfo@thorgroup.us

3. Find the right knobs for each shaft on the range.Push the knob in to fully attach the shaft and make sure there's no friction between knobs and bezels.

RUBBER PAD INSTALLATION 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 pcs screws.



2 pcs rubber pad

2. Install 2 pcs rubber pad as shown above

