

PRG486WDH

48-INCH GAS PRO HARMONY® RANGE WITH GRIDDLE

PROFESSIONAL COLLECTION, STANDARD-DEPTH, PORCELAIN COOKTOP SURFACE



FEATURES & BENEFITS

- ★ Exclusive Star® Burner delivers superior flame spread for more even heating with QuickClean Base® designed for easy cleaning
- ★ 2 ExtraLow® burners offer precision simmering, melting or keeping warm
- Non-stick griddle provides even heating across the entire cooking surface
- Powerful, 20,500 BTU bake and 17,500 BTU broil burners
- Convection Bake offers precise multi-level baking results

TECHNICAL DETAILS

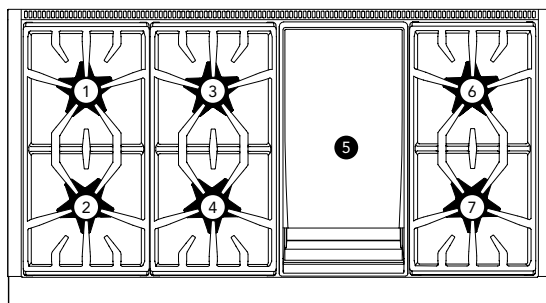
Circuit Breaker	20 A
Volts	120 V, 60Hz
Energy Source	Gas
Plug Type USA	120V – 3 Prong
Power Cord Length	65" (1,651mm)
Gas Supply	3/4"

WARRANTY

Limited Warranty, Entire Appliance, Parts and Labor	2 Year
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SEE PAGE 2 FOR INCLUDED AND OPTIONAL ACCESSORIES

RANGETOP



Total number of cooktop Burners	6 + Griddle
1 – Power of Back Left Burner BTU	15,000 and XLO
2 – Power of Front Left Burner BTU	18,000 and XLO
3 – Power of Back Center Burner BTU	15,000
4 – Power of Front Center Burner BTU	18,000
5 – Power of Center 12" Electric Griddle	1,630 W (6-Pass)
6 – Power of Back Right Burner BTU	15,000
7 – Power of Front Right Burner BTU	18,000

OVEN

Oven Capacity Lg. / Sm.	4.6 / 2.5 cu. ft.
Cooking Modes, Lg. Oven	
Bake, Convection Bake, Roast, Broil	
Cooking Modes, Sm. Oven	
Bake, Proof, Keep Warm, Roast, Broil	
Sabbath Lg. / Sm.	Yes / Yes
Self-Clean Lg. / Sm.	No / No
Telescopic Rack(s) Lg. / Sm.	3 / 1
Interior Lights Lg. / Sm.	2 / 1
Bake Power Lg. / Sm.	20,500 BTU / 15,000 BTU
Broil Power Lg. / Sm.	17,500 BTU / 7,000 BTU Infrared
Home Connect® (Wi-Fi Enabled)	Yes, Large Oven Only
Lg. Cavity Interior Dimensions (HxWxD)	16 1/2" x 26" x 18 5/8"
Lg. Cavity Usable Dimensions (HxWxD)	11 1/4" x 22 3/8" x 16 3/4"
Sm. Cavity Interior Dimensions (HxWxD)	16 1/2" x 14 1/4" x 18 5/8"
Sm. Cavity Usable Dimensions (HxWxD)	11 7/8" x 10 7/8" x 16"

DIMENSIONS & WEIGHT

Overall Appliance Dimensions (HxWxD)	35 3/4" – 36 3/4" x 47 15/16" x 24 3/4"
Required Cutout Size (HxWxD)	35 3/4" – 36 3/4" x 48" x 24"
Net Weight	556 lbs.

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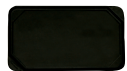
ACCESSORIES (INCLUDED)

3 Telescopic Racks, 1 Sm. Telescopic Rack, Meat Probe, 1 Griddle Plate, 1 Grease Tray, Island Trim

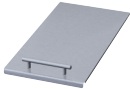
ACCESSORIES (OPTIONAL)



PWOKRINGHC
Wok Ring



PAGRIDDLE
Professional Griddle, Sits on Top of Grates Over
2 Star Burners, High-Release Coating



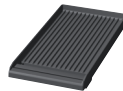
PA12LCVRW
12" Professional Griddle Cover



PARKB48DHY
Metallic Blue Knob Kit



PA12CHPBLK
Chopping Block / Cutting Board



PA12GRILFE
Grill plate designed to replace the griddle plate for
convenient indoor grilling ([Available August 2026](#))



PA48WLBH
Pro Harmony 7" Low Backguard*



PALPKITGA6
LP Conversion Kit, Pro Harmony Gas Models with
6 Burners + Griddle

PAALTKITH

High Altitude Kit, Natural Gas or Dual-Fuel Pro Harmony Ranges,
5,400 ft. to 10,200 ft.

[Contact Customer Support](#)

High Altitude Kit, Gas or Dual-Fuel Pro Harmony Ranges Connected
to LP Gas, 10,000 ft. to 10,200 ft.

*Models PCG305xx, PRD305xx, PRD606xx, PRG305xx, PRG304xx and PRD304xx are suitable for 0" rear clearance to combustible surfaces. All other models: when using the included Island Trim a minimum 6" (152 mm) rear clearance is required to a combustible surface. When installing against a combustible surface, a Thermador® Low Backguard is required for a 0" rear clearance to the combustible surface. A Thermador Low Backguard must be purchased separately. A rear clearance to a surface covered in a noncombustible material (metal, ceramic tile, brick, marble, or stone) is 0" when using the included Island Trim. Clearances of less than 6" (152 mm) should be approved by the local codes and/or by the local authority having jurisdiction. Clearances from non-combustible materials are not part of the ANSI Z21.1 scope and are not certified by CSA.

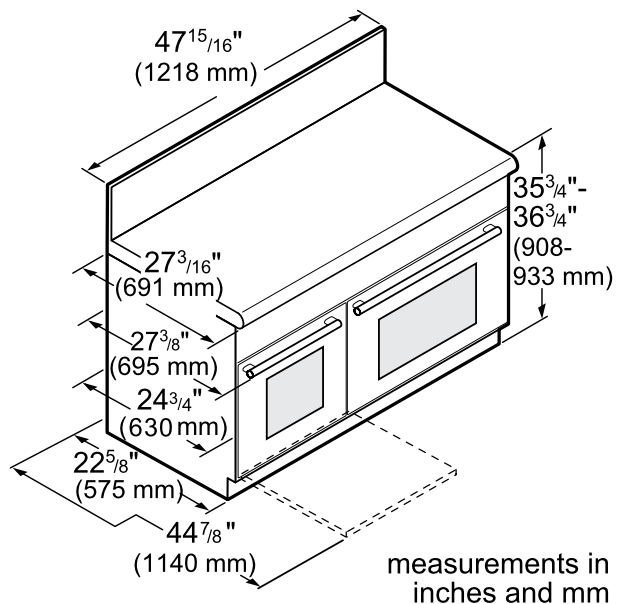
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48-INCH RANGE DIMENSIONS



ELECTRICAL SUPPLY

IMPORTANT: The cord supplied with gas ranges having an electric griddle requires a NEMA 5-20 receptacle as shown here. Local codes may require a different wiring method.

NEMA 5-20
RECEPTACLE

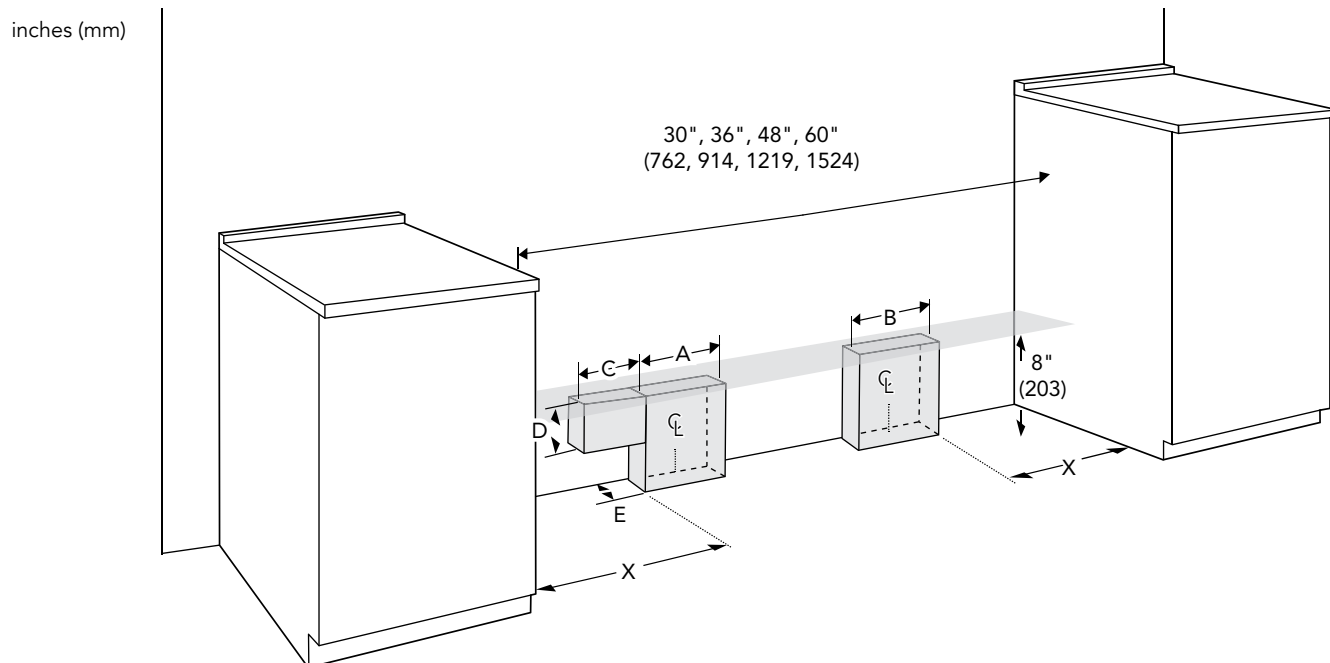


PLUG



WARNING: This appliance is equipped with a three-prong grounding plug for protection against shock hazard and should be plugged directly into a properly grounded receptacle. DO NOT cut or remove the grounding prong from this plug. DO NOT ALTER THIS PLUG.

48-INCH RANGE CUTOUT DIMENSIONS



Range model	Gas zone A	Electric zone B	X	C	D	E
All Harmony series	4" (102)	6" (152)	5" (127)	N/A	N/A	2" (51)
36"/ 48" Grand series	4" (102)	6" (152)	8" (203)	4" (102)	3" (76)	2" (51)
60" Grand series	4" (102)	6" (152)	8" (203)	4" (102)	3" (76)	1" (25)

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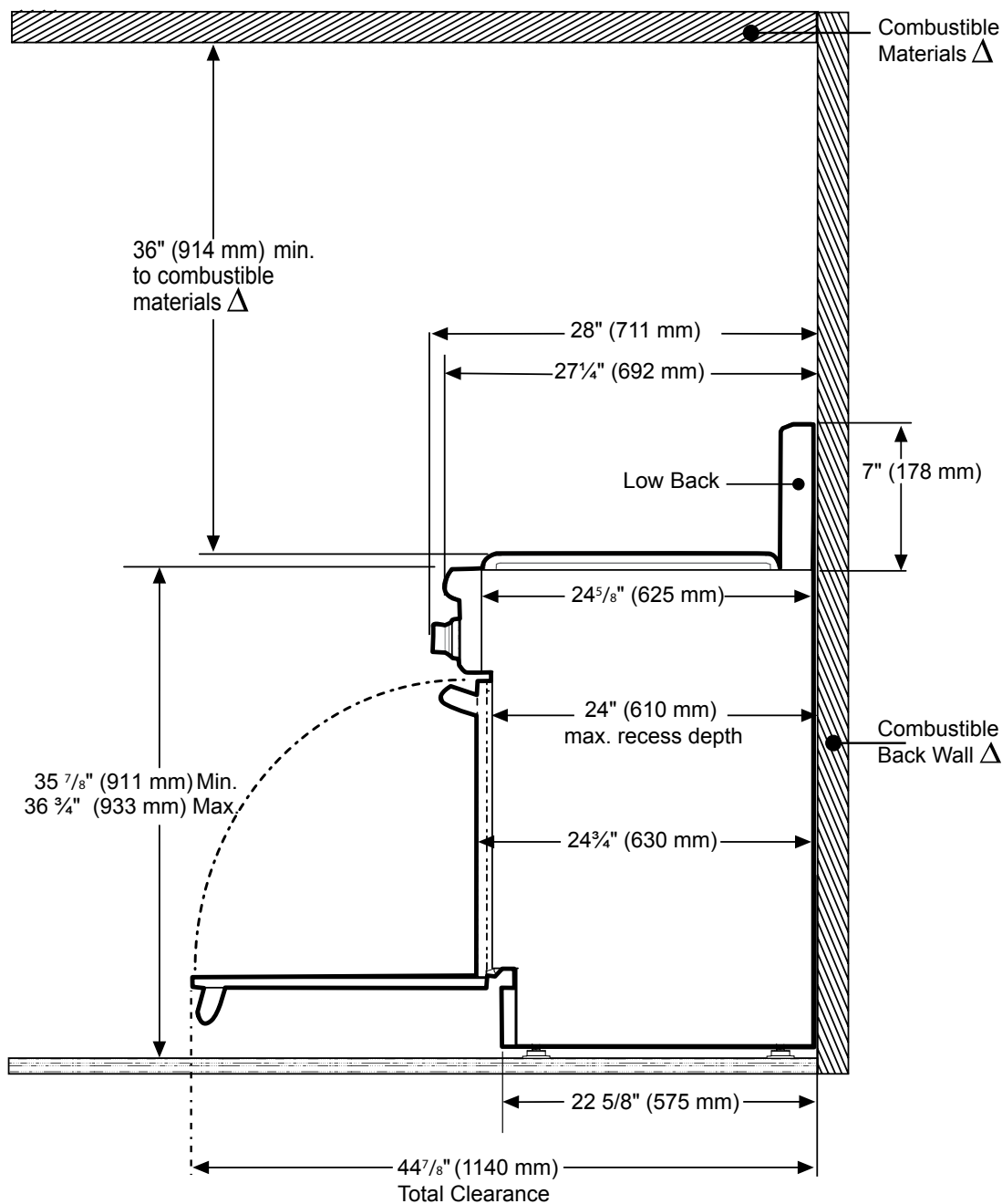
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48-INCH RANGE DIMENSIONS AND CLEARANCE REQUIREMENTS WITH "LOW BACK"

NOTE: A 36-inch minimum clearance is required between the top of the cooking surface and the bottom of an unprotected cabinet. A 30-inch clearance can be used when the bottom of the wood or metal cabinet is protected by not less than 1/4 inch of a flame retardant material covered with not less than No. 28 MSG sheet steel, 0.015 inch (0.4 mm) thick stainless steel, 0.024 inch (0.6 mm) aluminum, or 0.020 inch (0.5 mm) thick copper.



△ As defined in the "National Fuel Gas Code" (ANSI Z223.1, Current Edition). Clearances from non-combustible materials are not part of the ANSI Z21.1 scope and are not certified by CSA. Clearances of less than 6" (152 mm) must be approved by the local codes and/or by the local authority having jurisdiction.

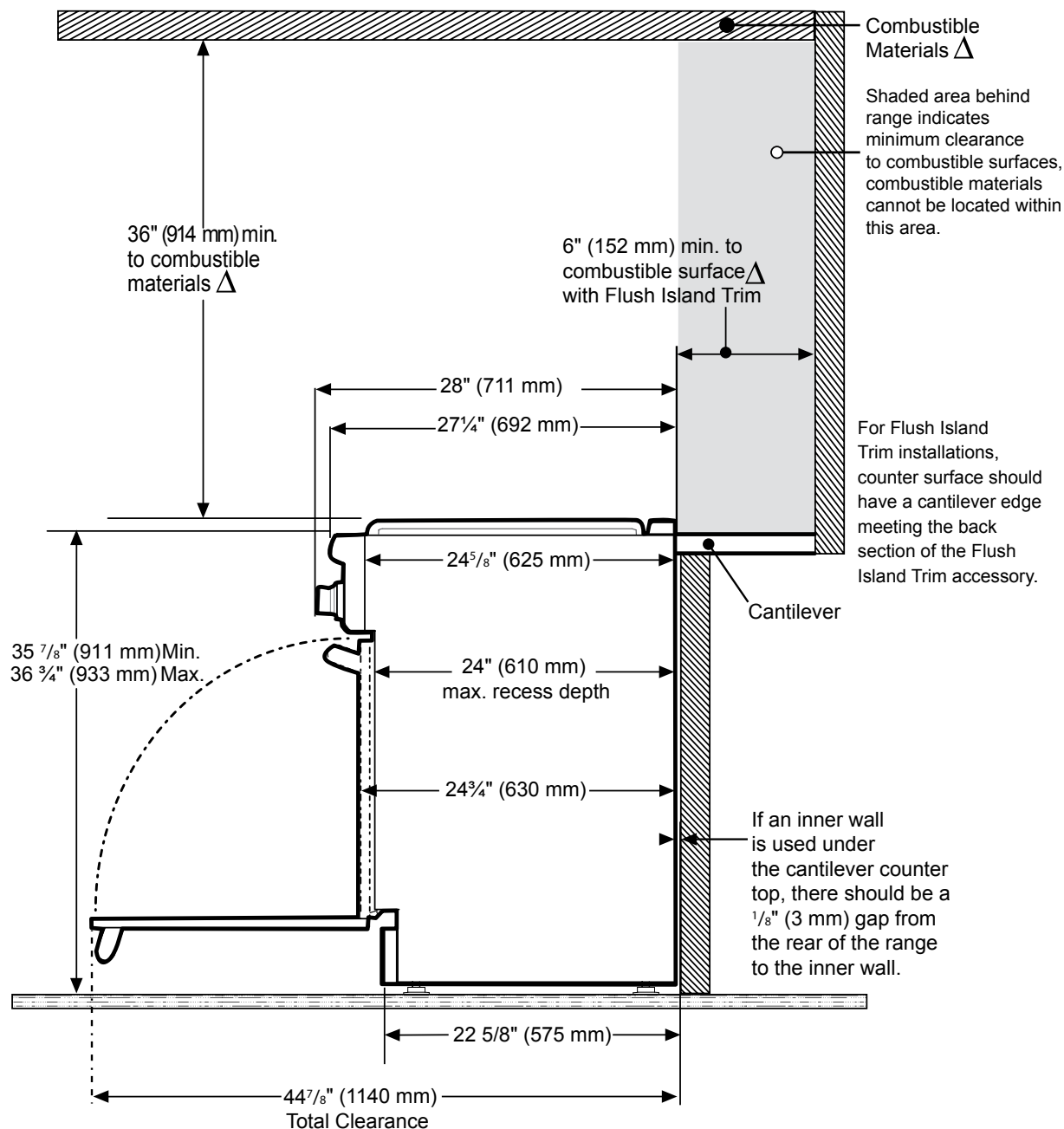
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48-INCH RANGE DIMENSIONS AND CLEARANCE REQUIREMENTS WITH "FLUSH ISLAND TRIM"



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These warranties give you specific legal rights and you may have other rights that vary from state to state. Limited warranty from date of delivery. For complete warranty details, refer to your Use & Care manual, or ask your dealer.

Specifications are for planning purposes only. Refer to installation instructions and consult your countertop supplier prior to making counter opening. Consult with a heating and ventilation engineer for your specific ventilation requirements. For the most detailed information, refer to installation instructions accompanying product or write to Thermador indicating the model number. Specifications are correct at time of printing. Thermador reserves the right to change product specifications or design without notice. Some models are certified for use in Canada. Thermador is not responsible for products that are transported from the U.S. for use in Canada.