

KitchenAid® 30" (76.2 cm) Slide-in Gas Range

PRODUCT MODEL NUMBERS

KSGB900E

KSGG700E

GAS SUPPLY REQUIREMENTS

Gas supply line:

- Provide a gas supply line of $\frac{3}{4}$ " (1.9 cm) rigid pipe to the range location. A smaller size pipe on longer runs may result in insufficient gas supply. With LP gas, piping or tubing size can be $\frac{1}{2}$ " (1.3 cm) minimum. Usually, LP gas suppliers determine the size and materials used in the system.

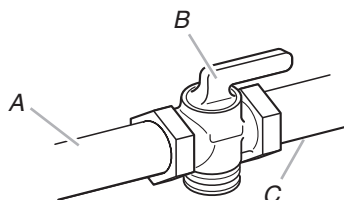
NOTE: Pipe-joint compounds that resist the action of LP gas must be used. Do not use TEFLON®† tape.

Flexible metal appliance connector:

- If local codes permit, a new CSA design-certified, 4 to 5 ft (122 to 152.4 cm) long, $\frac{1}{2}$ " (1.3 cm) or $\frac{3}{4}$ " (1.9 cm) I.D., flexible metal appliance connector may be used for connecting range to the gas supply line.



- A $\frac{1}{2}$ " (1.3 cm) male pipe thread is needed for connection to the female pipe threads of the inlet to the appliance pressure regulator.
- Do not kink or damage the flexible metal tubing when moving the range.
- Must include a shutoff valve:
The supply line must be equipped with a manual shutoff valve. This valve should be located in the same room but external to the range opening, such as an adjacent cabinet. It should be in a location that allows ease of opening and closing. Do not block access to shutoff valve. The valve is for turning on or shutting off gas to the range.



A. Gas supply line
B. Shutoff valve "open" position
C. To range

Gas Pressure Regulator

The gas pressure regulator supplied with this range must be used. The inlet pressure to the regulator should be as follows for proper operation:

Natural gas:

Minimum pressure: 5" WCP

Maximum pressure: 14" WCP

LP gas:

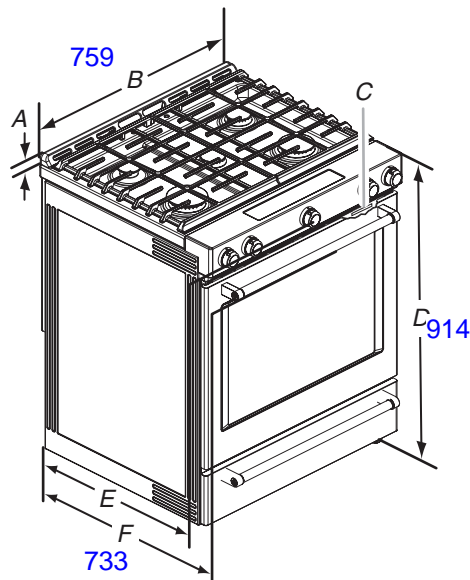
Minimum pressure: 11" WCP

Maximum pressure: 14" WCP

Contact local gas supplier if you are not sure about the inlet pressure.

PRODUCT DIMENSIONS

This manual covers several models. Your model may appear different from the models depicted. Dimensions given are maximum dimensions across all models.



A. $1\frac{3}{16}$ " (3.0 cm) height from cooktop to top of vent

B. $29\frac{7}{8}$ " (75.9 cm)

C. Model/serial number plate (located behind the oven door on the top right-hand side of the oven frame)

D. 36" (91.4 cm) height to top of cooktop edge with leveling legs screwed all the way in*

E. $28\frac{5}{16}$ " (71.9 cm) max. depth from front of console to back of range.

F. $28\frac{7}{8}$ " (73.3 cm) max. depth from handle to back of range.

IMPORTANT: Range must be level after installation. Follow the instructions in the "Level Range" section. Using the cooktop as a reference for leveling the range is not recommended.

*Range can be raised approximately 1" (2.5 cm) by adjusting the leveling legs.

Type of Gas

Natural gas:

- This range is factory set for use with Natural gas. See "Gas Conversions" section. The model/serial rating plate located behind the control panel has information on the types of gas that can be used. If the types of gas listed do not include the type of gas available, check with the local gas supplier.

LP gas conversion:

Conversion must be done by a qualified service technician.

No attempt shall be made to convert the appliance from the gas specified on the model/serial rating plate for use with a different gas without consulting the serving gas supplier. See "Gas Conversions" section.

†TEFLON is a registered trademark of E.I. Du Pont De Nemours and Company.

ELECTRICAL REQUIREMENTS

IMPORTANT: The range must be electrically grounded in accordance with local codes and ordinances, or in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70 or Canadian Electrical Code, CSA C22.1.

If codes permit and a separate ground wire is used, it is recommended that a qualified electrical installer determine that the ground path is adequate.

- A 120 volt, 60 Hz., AC only, 15-amp fused, electrical circuit is required. A time-delay fuse or circuit breaker is also recommended. It is recommended that a separate circuit serving only this range be provided.
- Electronic ignition systems operate within wide voltage limits, but proper grounding and polarity are necessary. Check that the outlet provides 120-volt power and is correctly grounded.

CABINET OPENING DIMENSIONS

Cabinet opening dimensions shown are for 25" (64.0 cm) countertop depth, 24" (61.0 cm) base cabinet depth and 36" (91.4 cm) countertop height.

IMPORTANT: If installing a range hood or microwave hood combination above the range, follow the range hood or microwave hood combination installation instructions for dimensional clearances above the cooktop surface.

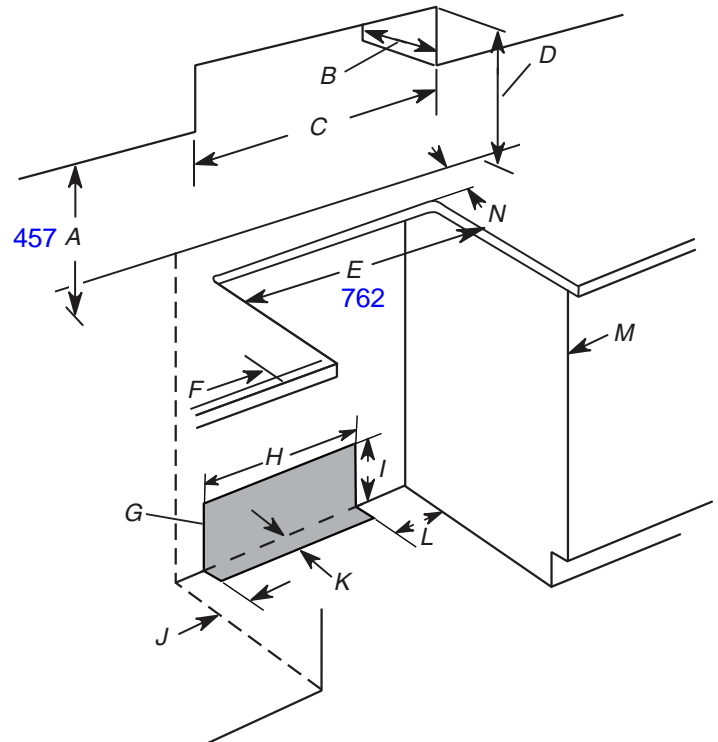
Range may be installed next to combustible walls with zero clearance.

NOTE: When installed in a slide-in cutout, the front of oven door may protrude beyond the base cabinet.

- A. 18" (45.7 cm) upper side cabinet to countertop
- B. 13" (33 cm) max. upper cabinet depth
- C. 30" (76.2 cm) min. opening width
- D. For minimum clearance to top of cooktop, see NOTE*.
- E. In U.S.A.: 30" (76.2 cm) min. opening width
In Canada: 31" (78.7 cm) min. opening width
- F. 3" (7.6 cm) min. clearance from both sides of range to side wall or other combustible material.
- G. The shaded area is recommended for installation of rigid gas pipe and grounded outlet.
- H. 13 1/8" (33.3 cm)
- I. 7 1/16" (19.5 cm)
- J. 4 13/16" (12.2 cm)
- K. 3 1/16" (9.4 cm) or measurement of N, whichever is greater
- L. 12" (30.5 cm)
- M. Cabinet door or hinges should not extend into the cutout.
- N. Remaining counter depth should not exceed 2 1/4" (5.7 cm)

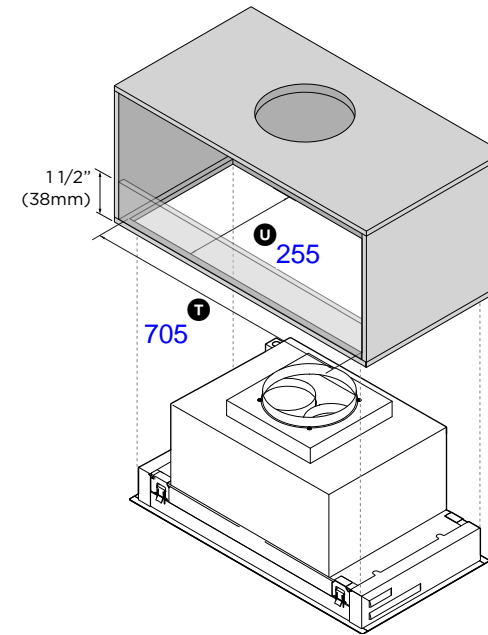
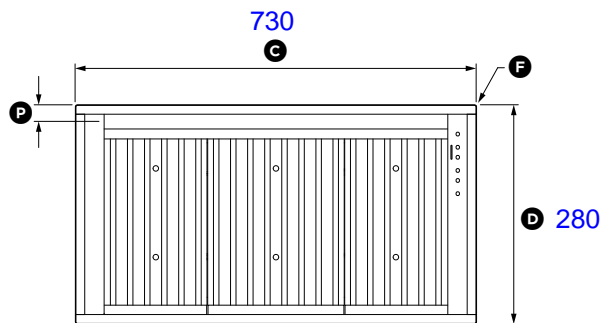
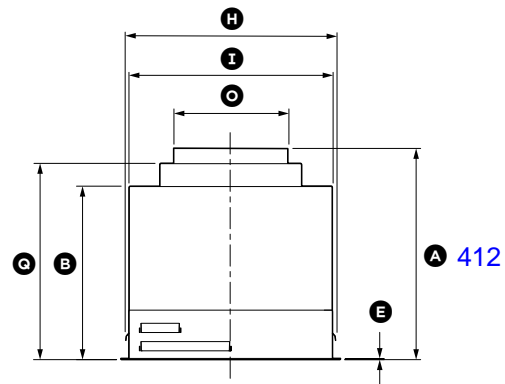
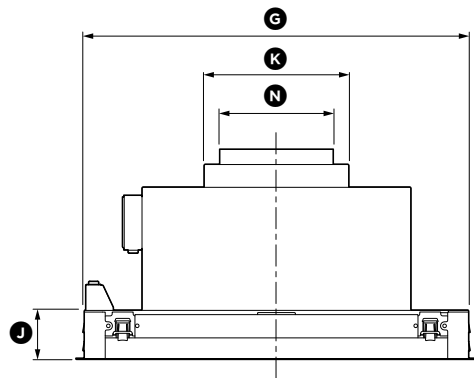
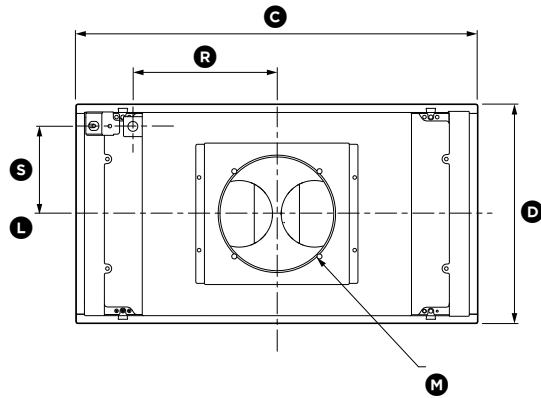
***NOTE:** 24" (61.0 cm) minimum when bottom of wood or metal cabinet is shielded by not less than 1/4" (0.64 cm) flame retardant millboard covered with not less than No. 28 MSG sheet steel, 0.015" (0.4 mm) stainless steel, 0.024" (0.6 mm) aluminum or 0.020" (0.5 mm) copper.

30" (76.2 cm) minimum clearance between the top of the cooking platform and the bottom of an uncovered wood or metal cabinet.



3 PRODUCT AND CABINETRY CUT-OUT DIMENSIONS

HPB3011-4, HPB3011-6, HPB3019-6, HPB3611-6, HPB3619-6, HPB3619-12 and HPB4819-12 models



Refer to page 4 for details on 'Cabinet mounting installation'

③ PRODUCT AND CABINETRY CUT-OUT DIMENSIONS

EN

	HPB3011-4 HPB3011-6	HPB3019-6	HPB3611-4 HPB3611-6	HPB3619-6	HPB3619-12	HPB4819-12
PRODUCT DIMENSIONS	inches (mm)	inches (mm)	inches (mm)	inches (mm)	inches (mm)	inches (mm)
Ⓐ Overall height of product	16 1/4 (412)	16 1/4 (412)	16 1/4 (412)	16 1/4 (412)	18 3/16 (462)	18 3/16 (462)
Ⓑ Overall height of product (excluding duct adaptor)	16 (407)	16 (407)	16 (407)	16 (407)	16 (407)	16 (407)
Ⓒ Overall width of product	28 3/4 (730)	28 3/4 (730)	34 5/8 (880)	34 5/8 (880)	34 5/8 (880)	46 7/16 (1180)
Ⓓ Overall depth of product	11 (280)	18 7/8 (480)	11 (280)	18 7/8 (480)	18 7/8 (480)	18 7/8 (480)
Ⓔ Thickness of flange	1/16 (2.5)	1/16 (2.5)	1/16 (2.5)	1/16 (2.5)	1/16 (2.5)	1/16 (2.5)
Ⓕ Corner radius of flange	1/8 (3.5)	1/8 (3.5)	1/8 (3.5)	1/8 (3.5)	1/8 (3.5)	1/8 (3.5)
Ⓖ Width of chassis including louvres	27 9/16 (700)	27 9/16 (700)	33 7/16 (850)	33 7/16 (850)	33 7/16 (850)	45 1/4 (1150)
Ⓗ Depth of chasis including mounting feet	10 3/8 (264)	18 1/4 (463)	10 3/8 (264)	18 1/4 (463)	18 1/4 (463)	18 1/4 (463)
Ⓘ Depth of chasis excluding mounting feet	9 15/16 (252)	17 13/16 (452)	9 15/16 (252)	17 13/16 (452)	17 13/16 (452)	17 13/16 (452)
Ⓙ Height of side of chassis	4 3/8 (111)	4 3/8 (111)	4 3/8 (111)	4 3/8 (111)	4 3/8 (111)	4 3/8 (111)
Ⓚ Width of blower housing	13 (330)	13 (330)	13 (330)	13 (330)	23 1/4 (590)	23 1/4 (590)
Ⓛ Offset of duct adaptor — forward of center	3/8 (10)	7/8 (23)	3/8 (10)	7/8 (23)	0 (0)	0 (0)
Ⓜ Outside diameter of ducting outlet	8 1/4 (210)	8 1/4 (210)	8 1/4 (210)	8 1/4 (210)	9 13/16 (250)	9 13/16 (250)
Ⓝ Width of duct adaptor	N/A	N/A	N/A	N/A	12 3/16 (310)	12 3/16 (310)
Ⓞ Depth of duct adaptor	N/A	N/A	N/A	N/A	12 1/2 (318)	12 1/2 (318)
Ⓟ Distance from center of light to front of product	1 3/8 (35.5)	1 3/8 (35.5)	1 3/8 (35.5)	1 3/8 (35.5)	1 3/8 (35.5)	1 3/8 (35.5)
Ⓠ Height to top surface of duct adaptor	N/A	N/A	N/A	N/A	16 7/8 (428)	16 7/8 (428)
Ⓡ Offset of junction box knockout from center	7 5/16 (186)	7 5/16 (186)	7 5/16 (186)	7 5/16 (186)	12 7/16 (316)	12 7/16 (316)
Ⓢ Offset of junction box knockout from center	3 5/8 (92)	7 9/16 (192)	3 5/8 (92)	7 9/16 (192)	7 9/16 (192)	7 9/16 (192)
CABINETRY CUT-OUT DIMENSIONS						
Ⓤ Overall width of cutout	27 3/4 (705)	27 3/4 (705)	33 11/16 (855)	33 11/16 (855)	33 11/16 (855)	45 1/2 (1155)
Ⓥ Overall depth of cutout	10 1/16 (255)	17 15/16 (455)	10 1/16 (255)	17 15/16 (455)	17 15/16 (455)	17 15/16 (455)
Thickness of cabinetry surface	Min 5/8 (16) Max 1 1/2 (38)	Min 5/8 (16) Max 1 9/16 (38)	Min 5/8 (16) Max 1 1/2 (38)	Min 5/8 (16) Max 1 1/2 (38)	Min 5/8 (16) Max 1 1/2 (38)	Min 5/8 (16) Max 1 1/2 (38)

Note:
For the larger models we recommend reinforcing your cabinetry. Please ensure that any reinforcing does not prevent access for servicing.
For optional recessed installation refer to product dimensions for reference.

IMPORTANT!

- Actual product dimensions may vary by $\pm 1/16"$ (2mm).
- Please read the entire instructions before installing the range hood.

4 INSTALLATION PREPARATION

IMPORTANT

The HPB3011-4, HPB3011-6, HPB3611-4 and HPB3611-6 models are not suitable for use with a high powered professional style cooktops.

Range hood width

- The range hood width is recommended to be no less than the width of the cooktop.
- A wider range hood can be used to increase the capture area if space is not restricted.
- The range hood should ideally be centered above the cooktop for proper performance.

WARNING!

To reduce the risk of fire, use only metal ductwork. Do not use flexible ducting

Installation location—Ducting preparation

The range hood is suspended under the cabinetry. The ducting can be configured for both vertical and horizontal discharge. The ducting can terminate either through the roof or wall, to vent through the wall a 90° elbow is needed.

Optional extras

All optional extras must be installed prior to the range hood being installed.

Remote control

If an optional remote control was purchased for installation with the range hood the remote control receiver must be assembled into the range hood prior to installation. Installation must be undertaken by an approved service technician. Instructions for installation are provided with the receiver.

Duct adaptor

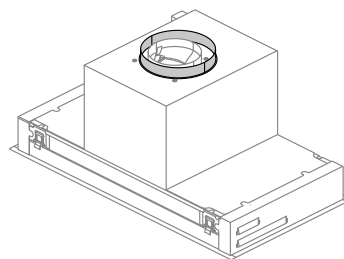
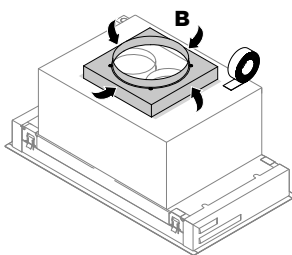
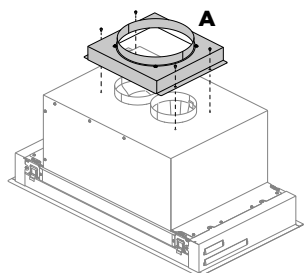
A 8" (203mm) or 10" (254mm) round duct adaptor is supplied to mount to the top of the range hood to provide a single outlet. This should be installed before the range hood is mounted.

Duct adaptor assembly

- Place the duct adaptor over the range hood exhaust and secure with four 5/16" (8mm) screws provided (refer to **A**).
- Seal the connection between duct adaptor and range hood with aluminum tape (refer to **B**). Note: Double blower models have a adaptor ring as shown below. The assembly steps are the same as above.

Double blower adaptor:

Single blower adaptor:



Range hood height

INSTALLATION DIMENSIONS

- (A) Top of cooking surface to base of the range hood

inches (mm)

Minimum 30" (762)
Maximum recommended 42" (1067)

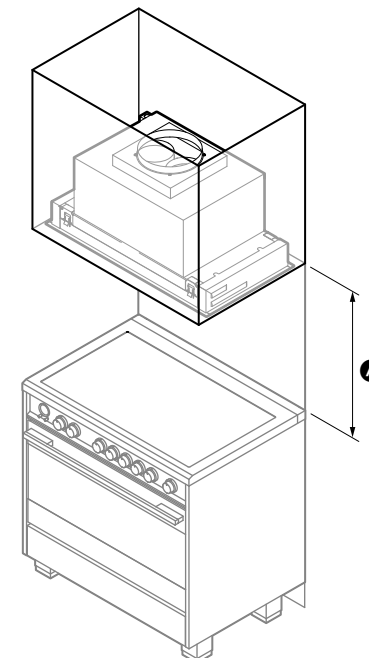
The installation height ranges from a minimum height of 30" (762mm) to a maximum recommended height of 42" (1067mm). Consult the cooktop Installation and User guide for details of the required installation height of the range hood.

This range hood must be installed no lower than the minimum height indicated in the table above.

Minimum installation height may be greater if required by the cooktop manufacturer. Installation at the minimum height will improve the efficiency of capturing cooking odors, grease and smoke. Installation at the maximum recommended height improves user ergonomics by offering increased head room.

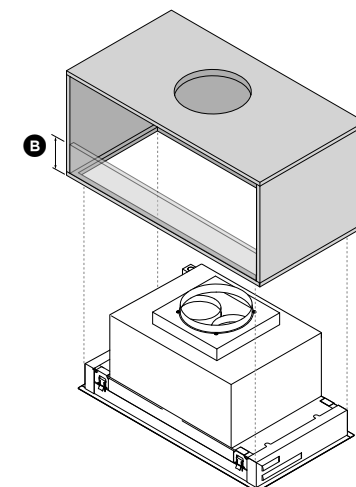
IMPORTANT

- Always switch your range hood on when you are cooking.
- Using a powerful gas cooktop or multiple gas burners operating at the same time can cause the range hood surfaces to become hot, this effect can be reduced by:
 - Using the maximum speed setting to enable hot air to be extracted quickly.
 - Installing the range hood at the maximum recommended height. Consult the cooktop Installation and User guide for details on the installation height of the range hood.



Cabinet mounting installation

- The cabinet must be of sufficient strength and structurally joined to the wall studs to support the weight of this range hood.
- If support beams are added to cabinetry these must not be more than 1 1/2" (38mm) high from the underside of the cabinet. Beams that are higher will prevent access for servicing.
- The range hood must be installed into an opening on the underside of the cabinet.
- Cabinet opening dimensions that are shown must be used, see 'Product and cabinetry cut-out dimensions' section. Given dimensions provide minimum clearance.
- We recommend the cupboard has a door or service panel that can be easily opened to access the power connection.



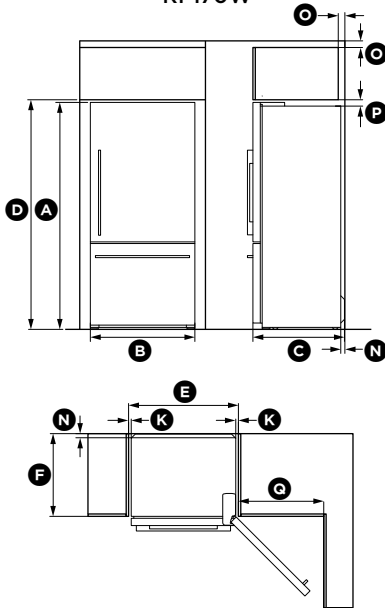
INSTALLATION INSTRUCTIONS

4. Product and cabinetry dimensions

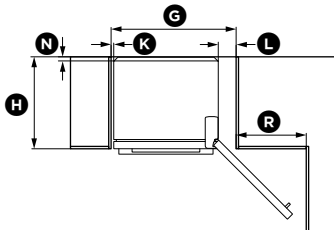
If integrating your refrigerator, please follow installation instructions provided with the integration kits.

Freezer drawer models (RF170W, RF170A, **RF201A**)
(Ice & Water, Automatic Ice and non-Ice & Water models)

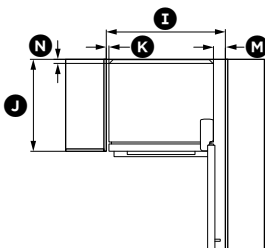
RF170W



Flush with refrigerator chassis—full door rotation

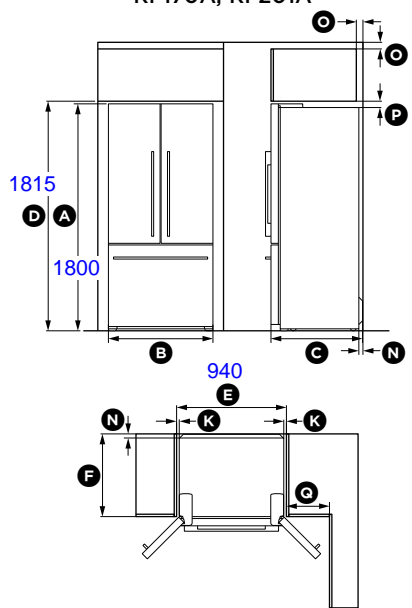


Flush with refrigerator door—full door rotation

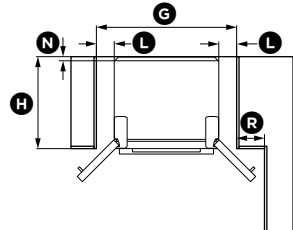


Flush with refrigerator door—90° door rotation

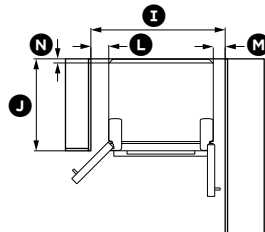
RF170A, RF201A



Flush with refrigerator chassis—full door rotation



Flush with refrigerator door—full door rotation

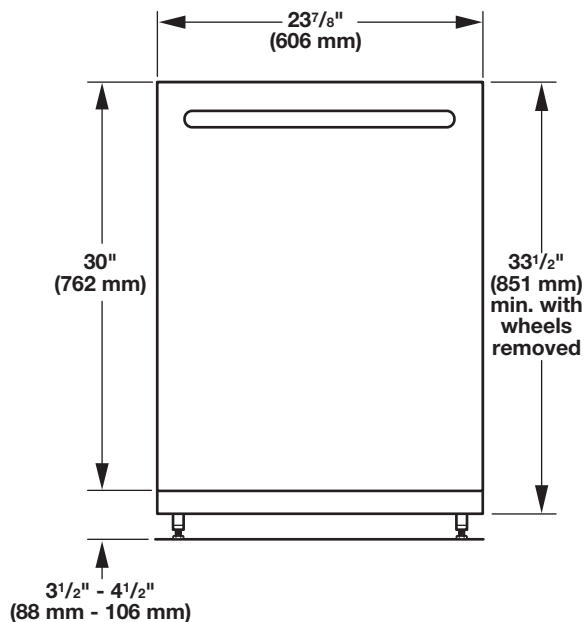


Flush with refrigerator door—90° door rotation

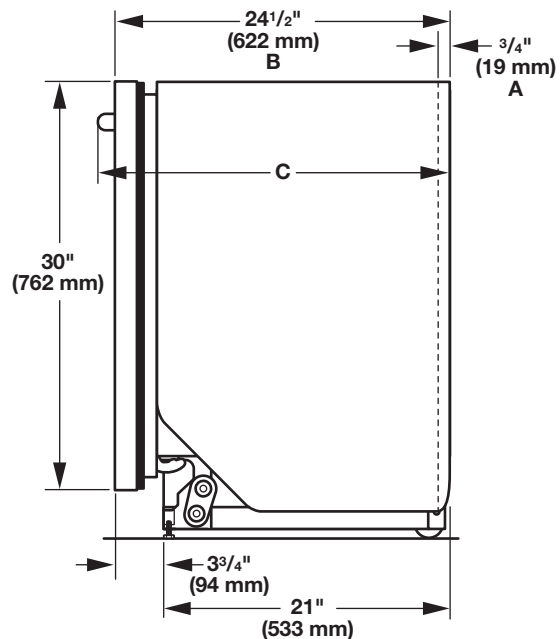
INSTALLATION INSTRUCTIONS

	RF170W	RF170A	RF201A
PRODUCT DIMENSIONS	inches (mm)	inches (mm)	inches (mm)
(A) Overall height of product	67 3/4" (1720)	67 3/4" (1720)	70 3/4" (1800)
(B) Overall width of product	31 1/8" (790)	31 1/8" (790)	35 7/16" (900)
(C) Overall depth of product (excludes handle, includes rear compartment cover)	27 3/8" (695)	27 3/8" (695)	27 3/8" (695)
CABINETRY DIMENSIONS (including minimum air clearances)	inches (mm)	inches (mm)	inches (mm)
(D) Inside height of cavity	68 1/2" (1740)	68 1/2" (1740)	71 7/16" (1815)
Flush with refrigerator chassis — full door rotation			
(E) Inside width	32 11/16" (830)	32 11/16" (830)	37" (940)
(F) Inside depth	24 7/16" (620)	24 7/16" (620)	24 7/16" (620)
Flush with refrigerator door — full door rotation			
(G) Inside width	37 3/16" (945)	41 3/4" (1060)	46 1/16" (1170)
(H) Inside depth flush to door	27 3/8" (695)	27 3/8" (695)	27 3/8" (695)
Flush with refrigerator door — 90° door rotation (for full drawer/shelf access, the doors need to be open past 90°)			
(I) Inside width	35 7/16" (900)	39 15/16" (1015)	44 5/16" (1125)
(J) Inside depth flush to door	27 3/8" (695)	27 3/8" (695)	27 3/8" (695)
MINIMUM CLEARANCES	inches (mm)	inches (mm)	inches (mm)
(K) Side clearance	13/16" (20)	13/16" (20)	13/16" (20)
(L) Side clearance — hinge side flush with door — full rotation	5 5/16" (135)	5 5/16" (135)	5 5/16" (135)
(M) Side clearance — hinge side flush with door — 90° rotation	3 9/16" (90)	3 9/16" (90)	3 9/16" (90)
(N) Rear clearance (incl. compartment cover)	1 3/16" (30)	1 3/16" (30)	1 3/16" (30)
(O) Vent — around top of cupboard (optional)	2" (50)	2" (50)	2" (50)
(P) Top clearance — above refrigerator cabinet	2" (50)	2" (50)	2" (50)
(Q) Door clearance — hinge side flush with chassis — full rotation	25 3/8" (645)	12 13/16" (325)	14 3/8" (365)
(R) Door clearance — hinge side flush with door — full rotation	20 7/8" (530)	8 1/4" (210)	9 13/16" (250)

Product and Cabinet Opening Dimensions



For 4" (100 mm) toe kick, height of cabinet opening is $34\frac{1}{2}$ " (863 mm).

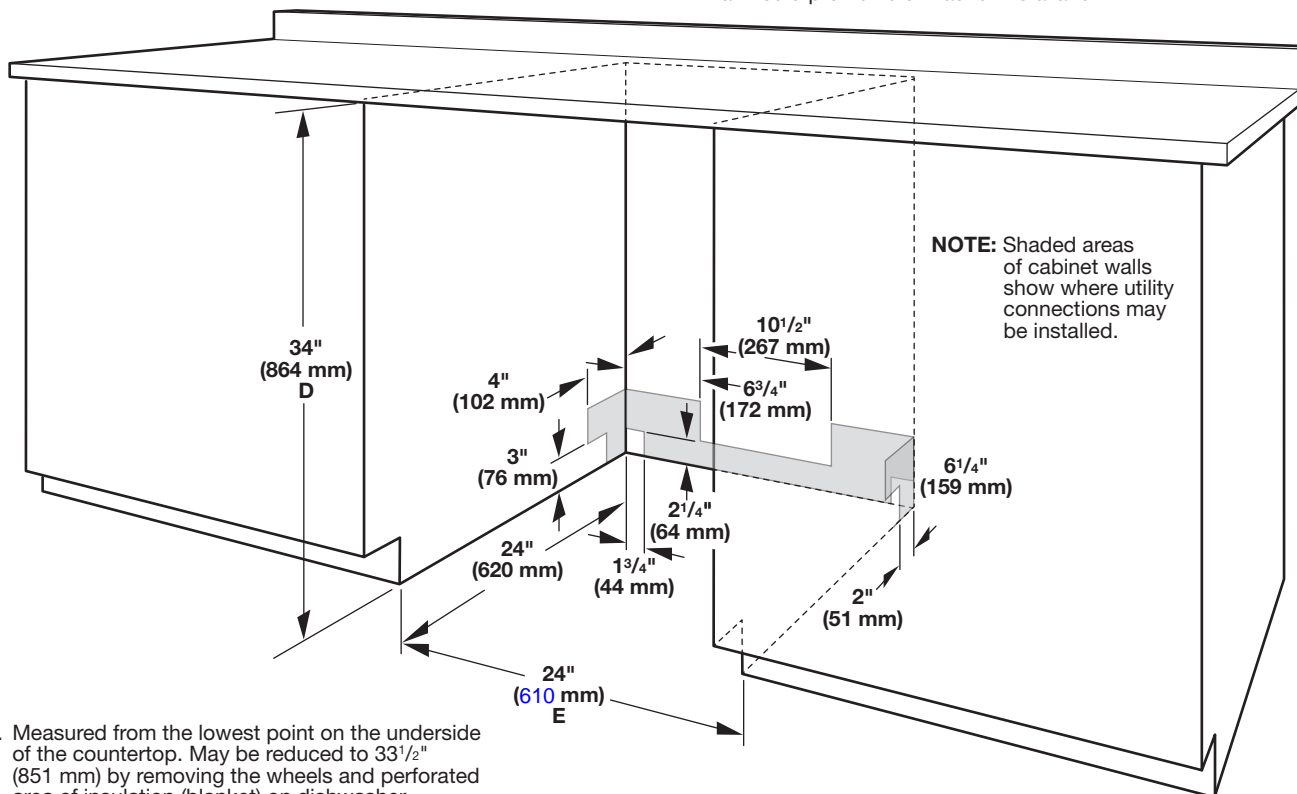


A. Insulation may be compressed (not used on all models).

B. For panel-ready models, dishwasher depth is 24" (610 mm), not including the $\frac{3}{4}$ " (19 mm) custom door panel.

C. Door handles may protrude forward of the face of the dishwasher, varies by model.

Check that all surfaces have no protrusions that would prohibit dishwasher installation.



D. Measured from the lowest point on the underside of the countertop. May be reduced to $33\frac{1}{2}$ " (851 mm) by removing the wheels and perforated area of insulation (blanket) on dishwasher.

E. Minimum, measured from narrowest point of opening

KWU110-30

30 Inch Undermount Workstation Single Bowl Stainless Steel Kitchen Sink

Kräus[®]

SPECIFICATION SHEET

Sink Dimensions

Overall Dimensions: 30" x 19"

Bowl Dimensions: 28" x 16"

Sink Depth: 10"

Features

- 16 Gauge
- Undermount Installation
- Single Bowl Sink
- Required Minimum Cabinet Size: 33"
- Rear Off-Set Drain
- 3 1/2" Drain Opening
- NoiseDefend Undercoating and Sound Dampening Pads

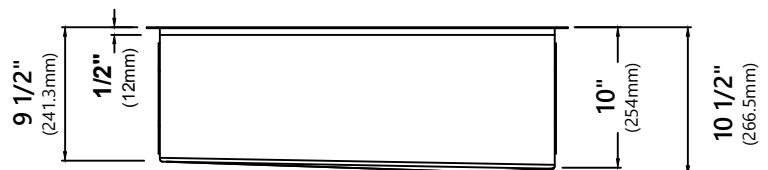
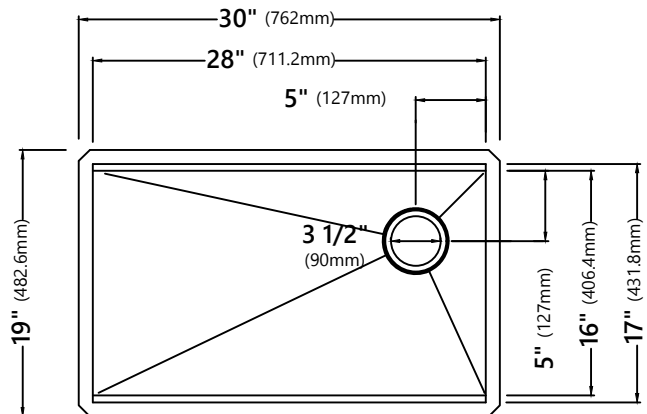
Accessories Included

- Strainer ST-1
- Cover Cap STC-2
- Bottom Grid KBG-UN1-30
- Rolling Mat KRM-11BL
- Cutting board KCB-WS103BB
- Cut-Out Template
- Mounting Hardware

CODES/STANDARDS:

Product Certification

cUPC (ASME A112.19.3/CSA B45.4)



Warranty

Kraus Limited Lifetime Warranty

see website for details www.kraususa.com