

HCT305G, HCT365G

Doc #: PGH-HCT.01 Revised 22 May 2018 Page 1 of 4
All tolerances: $\pm 1/16"$ (± 1.6 mm), unless otherwise stated.



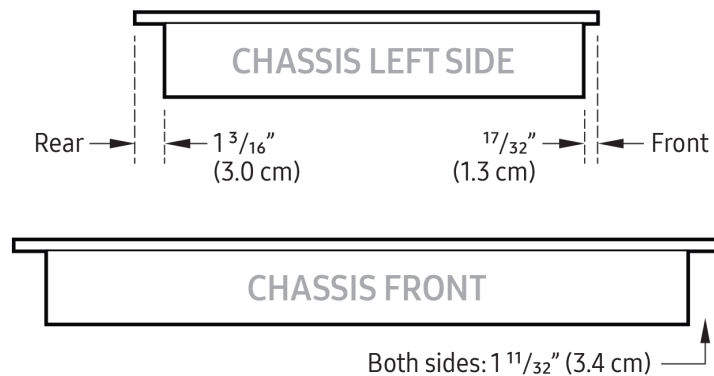
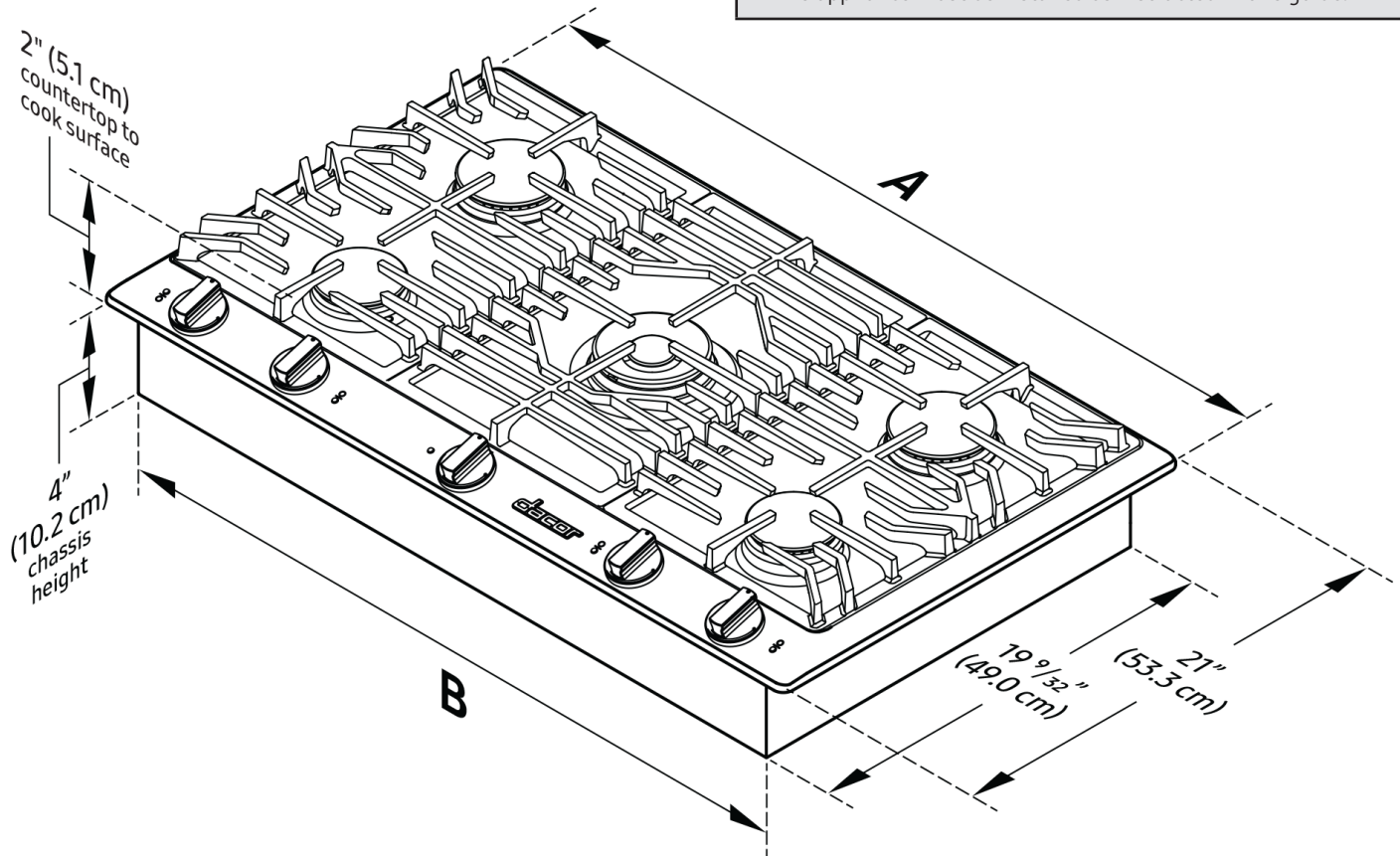
Heritage® 30", 36" Wide Drop-In Gas Cooktop

PLANNING GUIDE

HCT Dimensions

WARNING

- Observe all governing codes and ordinances during planning/installation. (Contact your local building department for details.)
- This appliance must be installed as instructed in this guide.



Cooktop Overhang Dimensions

Cooktop/Chassis Dimensions		
Model	A (cooktop width)	B (chassis width)
HCT305G	30" (76.2 cm)	27 ⁵ / ₁₆ " (69.4 cm)
HCT365G	36" (91.4 cm)	33 ⁵ / ₁₆ " (84.6 cm)



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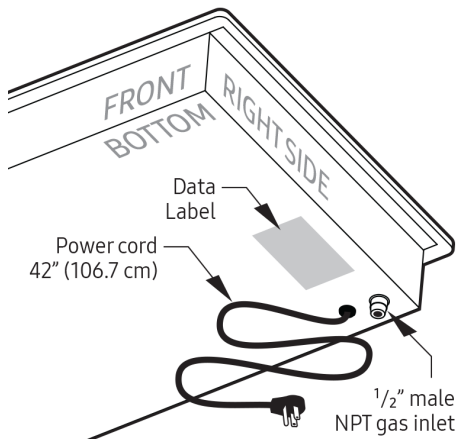
PLANNING GUIDE

Electrical Requirements

⚠ WARNING

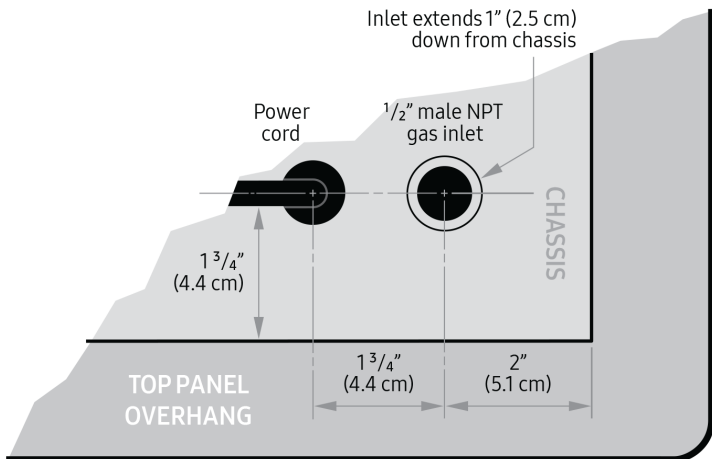
To prevent an electric shock hazard, the power supply must meet the specifications below. The owner shall ensure that the electrical service meets electrical requirements and that the outlet is properly installed by a licensed electrician.

- The cooktop comes with a 42" power cord with 3-prong, grounding plug (chassis bottom, right-rear corner).



- The cooktop must be connected to a dedicated, grounded 3-prong outlet installed by a licensed electrician.
- The electrical installation, including minimum supply-wire size and grounding, must comply with the National Electric Code ANSI/NFPA 70* and local codes and ordinances. A copy of this standard may be obtained from:

National Fire Protection Association
1 Batterymarch Park
Quincy, Massachusetts 02269-9101



Gas/Electrical Dimensions

- Be certain that the cooktop is correct for the provided gas service (natural or LP gas).
 - If operating the cooktop at an altitude above 4000 ft. (1210 m), ensure it is equipped for high-altitude use.
 - The correct voltage, frequency and amperage must be supplied to the electrical outlet according to the product data label located on the bottom of the chassis (see graphic at left). See the Gas and Electrical Requirements table on this page for reference.
 - Be certain to locate the electrical outlet so power may be easily disconnected if the unit needs service.
 - Check local building codes for the proper installation method. If no such codes exist, install the cooktop per the National Fuel Gas Code ANSI Z223.1/NFPA 54.
 - An external manual shut-off valve must be installed between the gas inlet and cooktop so gas to the cooktop can be shut on/off.
 - Use only the factory regulator, which must be installed in the gas line that runs from the cooktop gas inlet to the gas shut-off valve.
 - Because the regulator inlet accommodates a 3/4" gas line, and the cooktop inlet is a 1/2" male NPT fitting, a 3/4"-to-1/2" reducer comes with the cooktop.
- The cooktop gas connection is on the chassis bottom, back right corner. (See the graphic at left.)

Gas/Electrical Requirements (reference only*)		
Specification	HCT305G_NG HCT365G_NG	HCT305G_LP HCT365G_LP
Gas type	Natural Gas	LP Gas
Manifold pressure	5" water column	10" water column
Min. gas-supply pressure**	6" water column	11" water column
Max. gas-supply pressure	1/2 psi	
Total connected load	0.25 Amp. (30 Watts)	
Circuit requirement	120 Vac, 60 Hz, 15 Amp.	

*If the above data does not agree with the data label, use the data on the label;
**the gas-supply pressure for testing the regulator setting shall be at least 1" water column (249 Pa) above the specified manifold pressure.



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Cabinet and Countertop Layout

- Install the cooktop away from drafts caused by doors, windows, and home ventilation outlets.
- The cooktop is to be used with a suitable vent hood or approved Dacor downdraft-vent system.

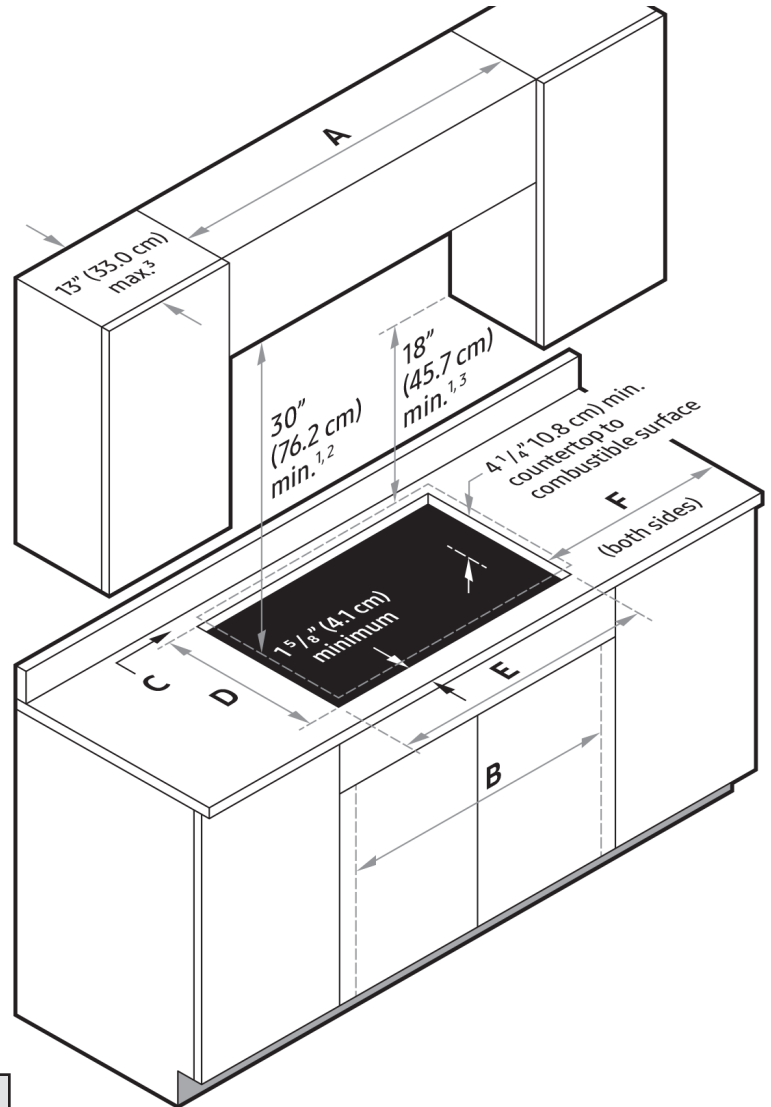
⚠ WARNING

- To reduce risk of burn injury from reaching over a hot cooktop, avoid cabinet storage above the cooktop.
 - Failure to comply with the max/min dimensions and clearances in this guide may cause a fire hazard.
 - Follow the countertop manufacturer's instructions regarding minimum corner radius, use of heat-reflective tape, corner reinforcement, etc.
- Allow at least $1/4"$ (6 mm) clearance between the bottom of the cooktop chassis and all combustible surfaces, including the upper edge of a drawer.
 - The gas-supply piping, shut-off valve, and power outlet must not interfere with the installed cooktop. If installing an appliance below the cooktop, allow for routing of utilities behind it.

Installation must allow:

- access to the gas shut-off valve and regulator after installation.
- access to the electrical outlet when the cooktop is in place; the 42" (106.7 cm) power cord must be able to reach the electrical outlet
- access to the cooktop bottom for service/inspection
- clearance inside the cabinet for proper hold-down bracket installation.

To allow access to the utilities and cooktop bottom, do not install a fixed shelf below the cooktop. See the next page for countertop cutout dimensions.



Callout	Description
1	Measured from top of cooktop grate to combustible surface.
2	If installing an overhead vent hood, also check hood specifications for minimum required clearances.
3	Not applicable for cabinets over $5 1/2"$ (14.0 cm) from either side of cooktop edge; allow $6 7/8"$ (17.5 cm) from edge of cutout.

Downdraft Compatibility

IMPORTANT: If installing cooktop with a downdraft, install only the Dacor downdraft models specified in the table below.

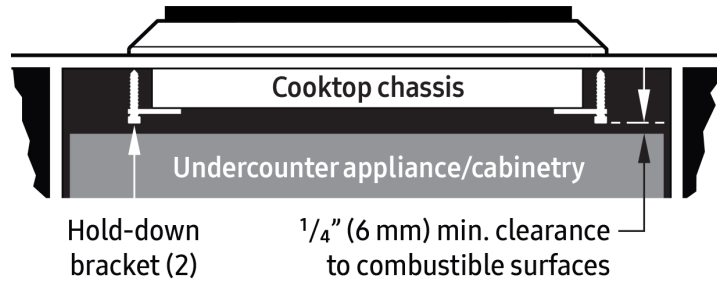
Configuration	A (Minimum/Recommended)	B (Min. Interior Space Betw. Combustible Surfaces)	C (Min., Cutout to Backsplash)	D (Cutout Depth)	E (Cutout Width)	F (Min., Cutout to Combustible Side Wall)
HCT305G (no downdraft)	30" (76.2 cm)/ 36" (91.4 cm)	29 1/4" (74.3 cm)	3 1/4" (8.3 cm)	19 5/8" (49.9 cm)	27 5/8" (70.2 cm)	6 7/8" (17.5 cm)
HCT365G (no downdraft)	36" (91.4 cm)/ 42" (106.7 cm)	35 1/4" (89.5 cm)				
HCT305G (with MRV3015 downdraft)	30" (76.2 cm)/ 36" (91.4 cm)	29 1/4" (74.3 cm)	3/8" (1.0 cm)	22 3/4" (57.8 cm)	33 5/8" (85.4 cm)	
HCT365G (with MRV3615 downdraft)	36" (91.4 cm)/ 42" (106.7 cm)	35 1/4" (89.5 cm)				



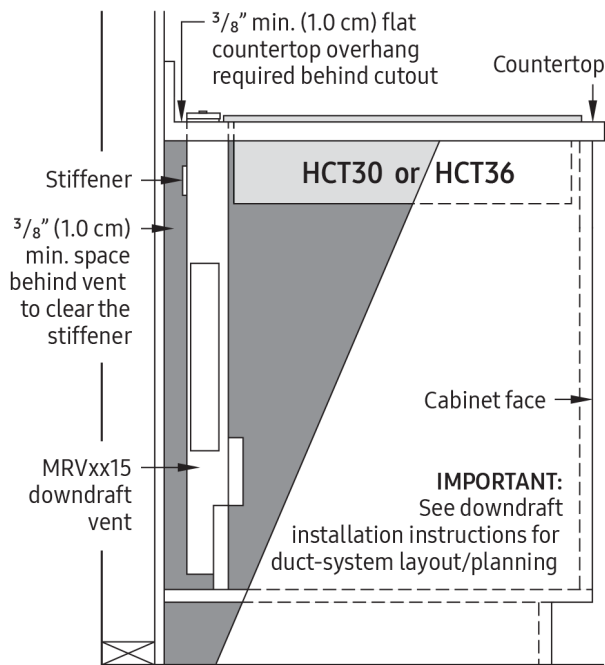
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PLANNING GUIDE

Cabinet and Countertop Layout, cont.



Hold-Down Bracket Clearance (front)



HCT Cooktop With Dacor MvRV Downdraft (side)