

# RNTT365GB

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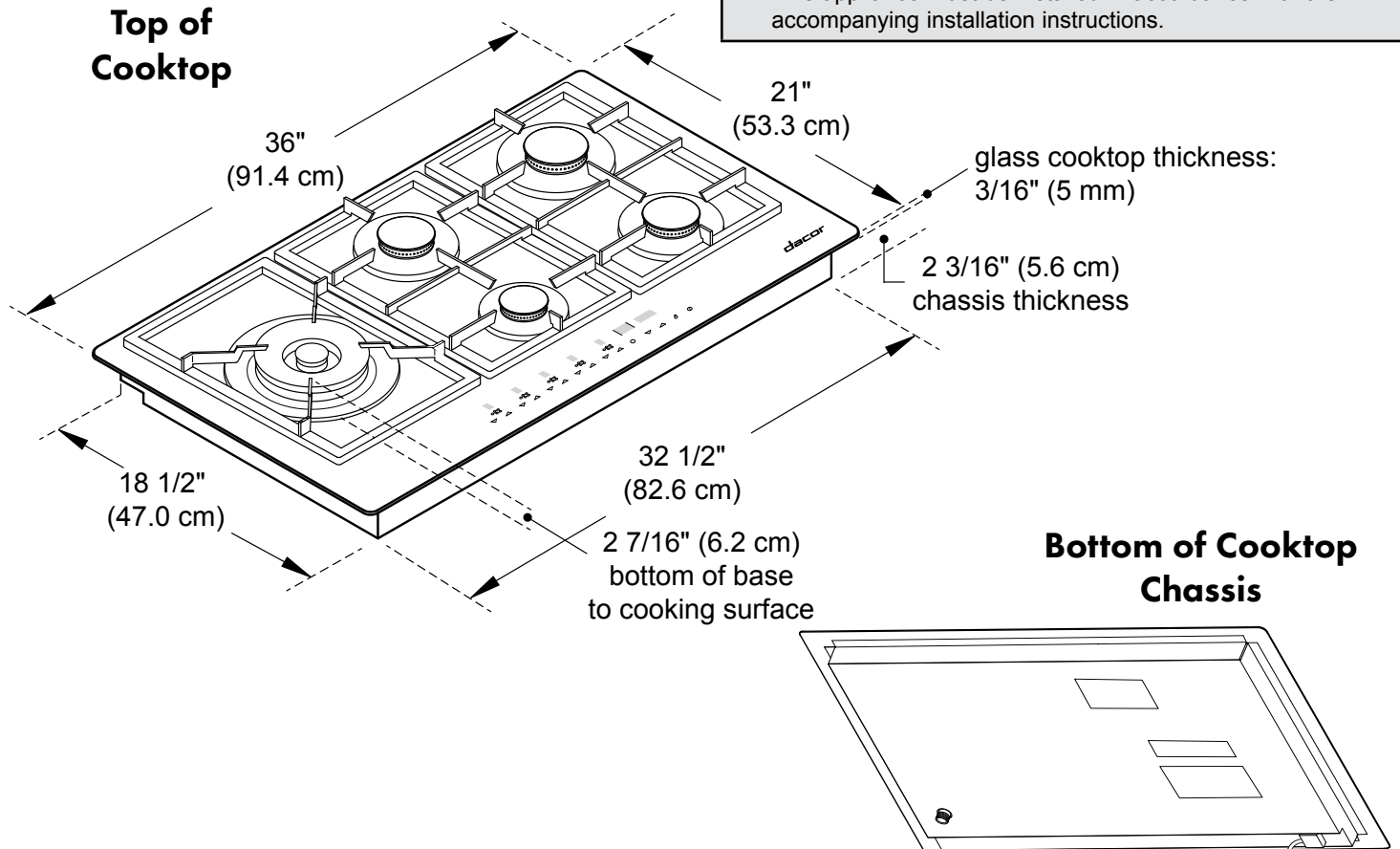
**dacor**  
The Life of the Kitchen.®

## Renaissance 36" Wide Drop-in, Touch-Control Gas Cooktop

## PLANNING GUIDE

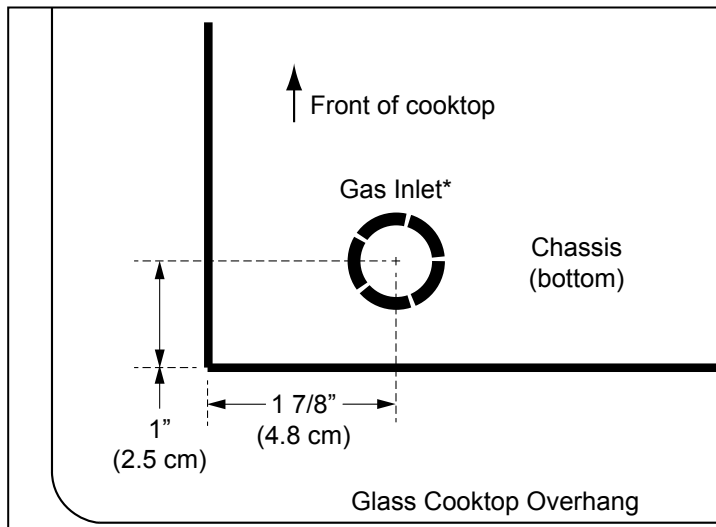
### **⚠ WARNING**

- Observe all governing codes and ordinances during planning and installation. Contact your local building department for further information.
- This appliance must be installed in accordance with the accompanying installation instructions.

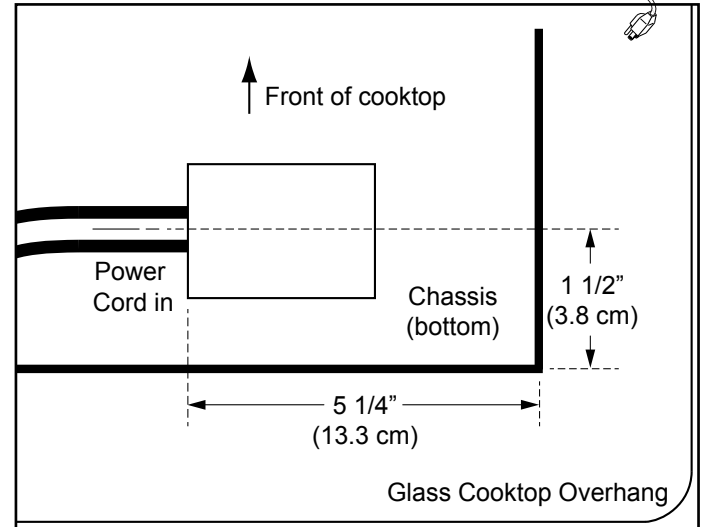


### Gas Inlet

\*Gas inlet with adapter extend 1 1/2" below the bottom of chassis



### Power Cord Inlet



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### Gas Supply Requirements

- ◇ Be certain that the cooktop being installed is correct for the gas service being provided (natural gas or LP gas). Units equipped for LP operation have "LP" in the model number listed on the model/serial number label. See the diagram below for label location.
- ◇ Check your local building codes for the proper method of installation. In the absence of local codes, this appliance should be installed in accordance with the National Fuel Gas Code ANSI Z223.1/NFPA 54.
- ◇ An external manual shut-off valve must be installed between the gas inlet and the cooktop in an easily accessible location for the purpose of controlling the gas supply to the appliance.
- ◇ The cooktop comes from the factory with a regulator in the shipping carton. Use only the regulator provided. The regulator must be installed in the gas line that runs from the cooktop gas inlet to the gas shut off valve.
- ◇ The regulator inlet accommodates a 1/2" gas line. The inlet to the cooktop itself is equipped with a metric fitting. A brass metric to 1/2" NPT adapter is included for connecting the regulator to the appliance.

The cooktop gas connection is located on the bottom of the cooktop in the back left corner as you face the front of the unit. See page 3 for location.

	RNTT365GB	RNTT365GBLP
Gas Type	Natural Gas	LP Gas
Manifold Pressure	4" water column	11" water column
Min. Gas Supply Pressure **	5" water column	12" water column
Max. Gas Supply Pressure	1/2 psi	1/2 psi
Total Connected Load	0.5 Amp. (0.03 kW)	0.5 Amp. (0.03 kW)
Circuit Requirement	120 Vac, 60 Hz, 15 Amp.	120 Vac, 60 Hz, 15 Amp.

### Gas and Electrical Requirements \*

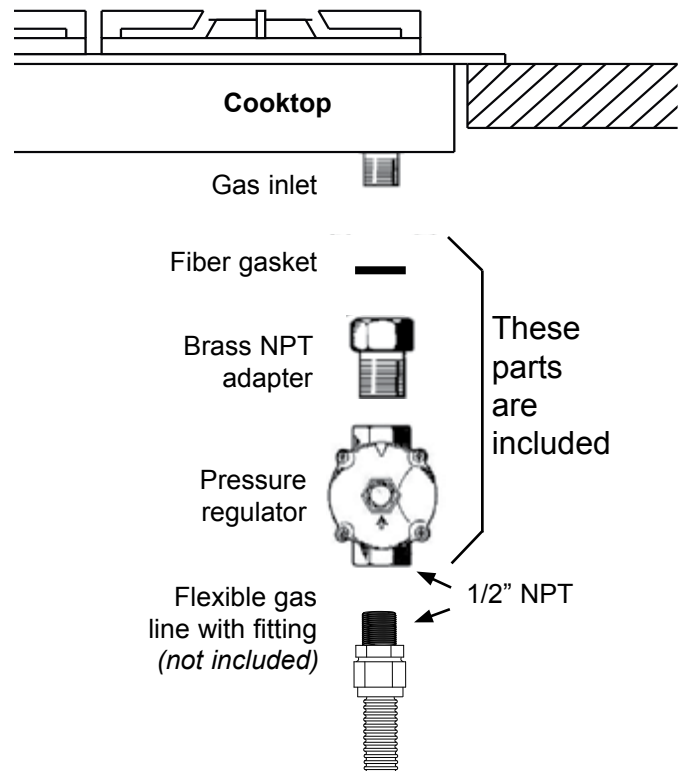
\* The electrical and gas data on this page is for reference only. If the above data does not agree with the product specification label, use the data on the product specification label.

\*\* The gas supply pressure for testing the regulator setting shall be at least 1-inch water column (249 Pa) above the specified manifold pressure.



### WARNING

- Verify that the gas supply meets specifications before connection. See page 4.
- Do not install or use the cooktop without the included gas regulator installed.
- Make sure that the arrow on the regulator points in the direction of the gas flow, towards the cooktop.
- Do not apply excessive pressure when tightening gas connections and fittings.
- Do not use Teflon tape or plumber's putty on flexible gas line connections.
- Test the gas lines for leaks as instructed before use. Do not use a flame to check for leaks.
- The maximum gas supply pressure to the regulator must never exceed 1/2 pounds per square inch (psi) or 3.5 kPa.
- The cooktop and shut-off valve must be disconnected from the gas supply piping system during any pressure testing exceeding 1/2 psi (3.5 kPa).
- The cooktop must be isolated from the gas supply piping system by closing the shut-off valve to the cooktop during any gas supply piping system pressure testing equal to or less than 1/2 psi (3.5 kPa).
- For LP gas installations, the LP gas tank must have its own high-pressure regulator in addition to the pressure regulator supplied with the cooktop.



### Gas Line Parts Installation

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### Cabinet and Countertop Layout



- To reduce the risk of personal injury caused by reaching over a hot appliance, avoid locating cabinet storage space directly above the cooktop.
- Failure to meet or exceed the maximum and minimum dimensions/clearances stated in these instructions may result in a fire hazard.
- Follow the countertop manufacturer's instructions regarding the minimum corner radius, use of heat reflective tape, reinforcement of corners, etc.

- ◇ Carefully check the location where the cooktop will be installed. For best performance, the cooktop should be placed away from drafts that may be caused by doors, windows, and heating and air conditioning outlets.
- ◇ This appliance must be installed in a well ventilated room. To reduce the risk of personal injury and to reduce accumulated smoke in the room, Dacor strongly recommends installing a range hood. A range hood should project horizontally a minimum of five (5) inches beyond the face of the cabinets.

#### To allow clearance for hold-down brackets:

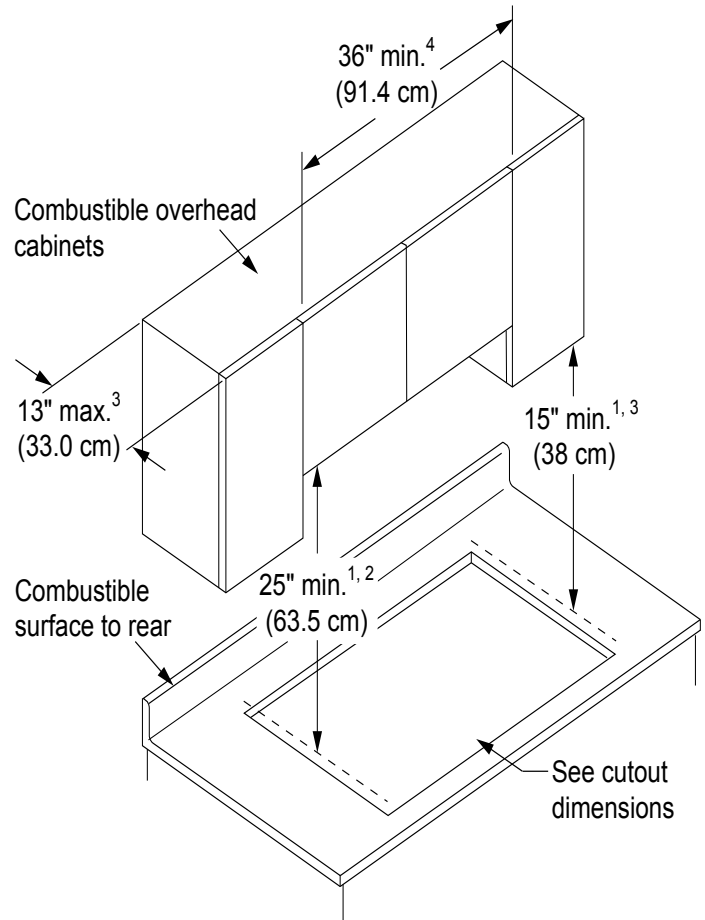
- ◇ The gas supply piping, gas shut-off valve, and the electrical outlet must be positioned so they do not interfere with the cooktop when it is installed.
- ◇ If installing another appliance in the cabinet below, allow for the routing of gas and electrical service behind it.

#### The installation must have these access and clearance allowances:

- ◇ Access to the gas shut-off valve and regulator after the unit is installed.
- ◇ Access to the electrical outlet when the cooktop is in place. The 72-inch (183 cm) power cord must be able to directly reach the electrical outlet.
- ◇ Clearance inside the cabinet to allow for proper hold-down bracket installation.

### Minimum Overhead Clearances

All tolerances +1/16" -0" (unless otherwise noted).



<sup>1</sup> Measured from the cooking surface (top of cooktop grate).

<sup>2</sup> If installing with an overhead vent hood, also check the hood specifications for minimum required clearances.

<sup>3</sup> Not applicable for cabinets more than a horizontal distance of 1 1/8" (2.9 cm) from edge of cooktop. Allow 2 7/8" (7.3 cm) from cutout edge.

<sup>4</sup> 42" (106.7 cm) recommended.

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### Cooktop Cutout Dimensions

#### RNTT365 Cutout

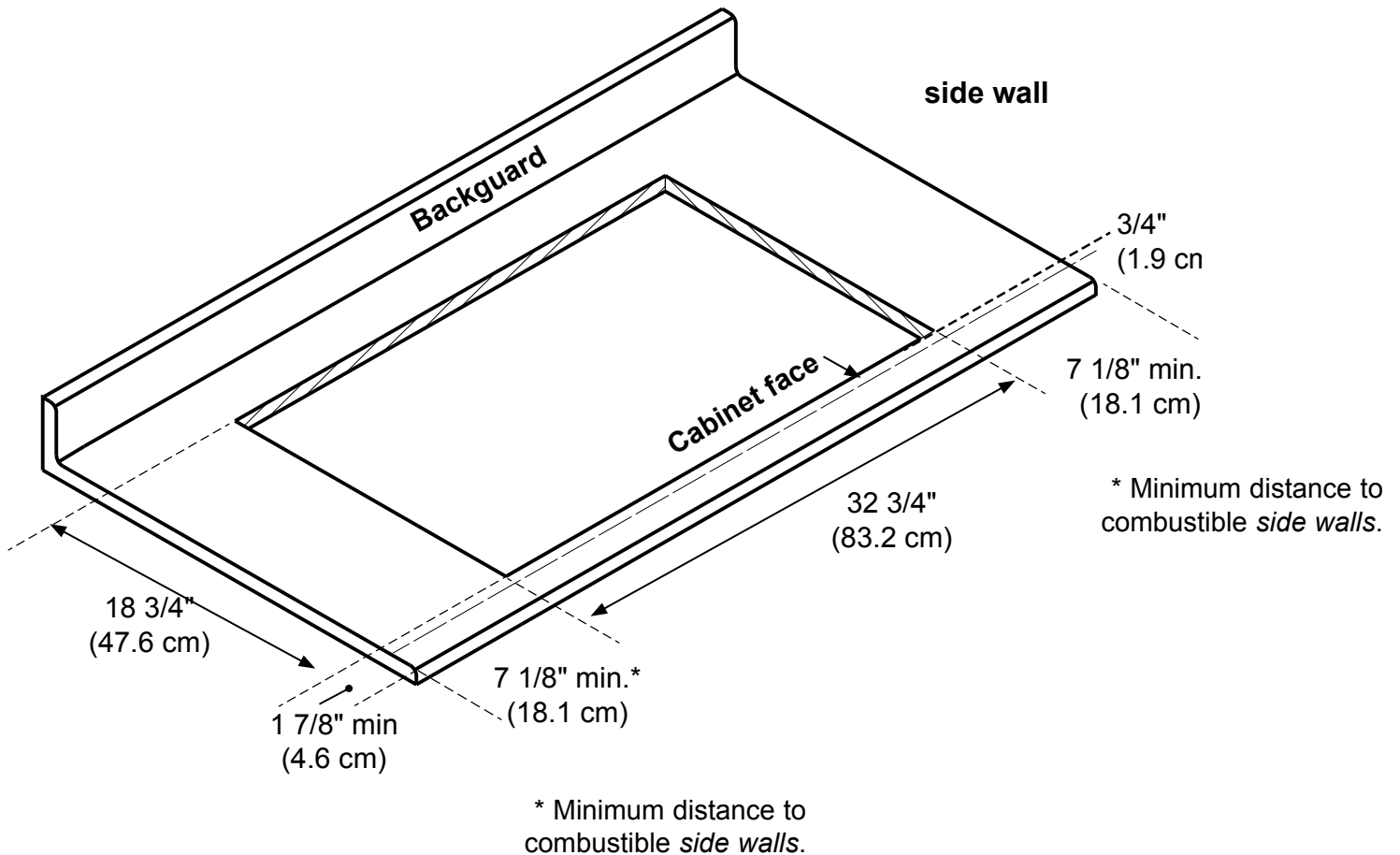
*Combustible and non-combustible backguards:*  
the glass cooktop can be as close to the  
backguard as needed.



### WARNING

Do not place the cooktop in a cutout larger than specified. Lack of support around the frame could damage the glass surface, chassis, or internal parts.

All tolerances +1/16" -0" (unless otherwise noted.)



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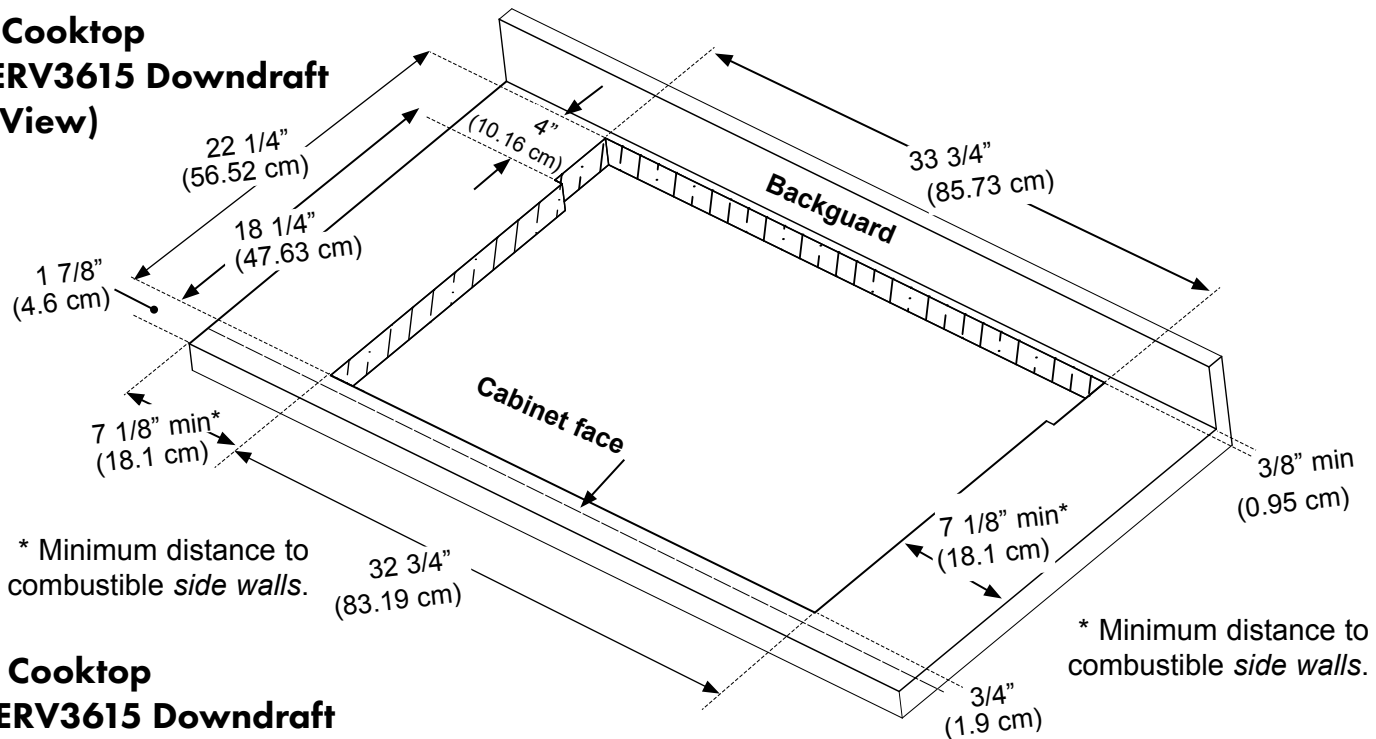


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### Cooktop + Downdraft Dimensions

#### RNTT Cooktop with ERV3615 Downdraft (Side View)



#### RNTT Cooktop with ERV3615 Downdraft (Side View)

