YODER SMOKERS

El Dorado Built-In Installation & Mounting Guide

Applicable Models: 36" & 42" Built-In

Product References

36" Built-In
https://www.yodersmokers.com/grills/36%E2%80%B3-el-dorado-built-in/

42" Built-In
https://www.yodersmokers.com/grills/42%E2%80%B3-el-dorado-built-in/

IMPORTANT

The El Dorado Built-In is designed for installation into a **non-combustible outdoor kitchen** only. Read all instructions before installation. Installation should be performed by qualified personnel familiar with outdoor kitchen construction and local building codes.

Before You Begin

- Outdoor installation only.
- Countertop and support structure are constructed from non-combustible materials.
- The installation can safely support the weight of the grill.
- The countertop opening has been built to the published cutout dimensions.
- Adequate ventilation is provided around the appliance.
- Service access is available for future maintenance and cleaning.

Grill Specifications

36" Built-In Weight: 575 lbs
42" Built-In Weight: 619 lbs
Fuel: Wood or Charcoal
Construction: Heavy-duty welded steel cooking system with integrated mounting flanges.

Required Cutout Dimensions

Construct the enclosure using the following minimum cutout dimensions for the appropriate El Dorado Built-In model. These dimensions represent the minimum opening required for flush installation. Refer to the model-specific dimensional drawing for additional installation details, clearances, and overall appliance dimensions.

Model	Opening Width	Opening Depth	Opening Height
36" Built-In	44.375"	29.375"	18.375"
42" Built-In	56.375"	29.375"	18.375"

Mounting Method

The El Dorado Built-In is engineered to be supported by its integrated **mounting flanges** located on each side of the appliance. During installation, lift the grill from beneath the **main structural body** and carefully slide it into the prepared opening until the mounting flanges are fully seated on the countertop. The mounting flanges must rest evenly around the entire perimeter. Yoder Smokers recommends sealing beneath the mounting flanges with a high-quality exterior-grade silicone to help prevent movement and water intrusion. Do not force the appliance into the opening.

Installation Procedure

1. Verify the cabinet is level and square.
2. Confirm the cutout dimensions match the dimensional drawing.
3. Ensure the countertop and support structure are capable of supporting the appliance and anticipated cooking loads.
4. Lift the appliance from beneath the main structural body only.
5. Carefully slide the appliance into the opening until the mounting flanges seat evenly on the countertop.
6. Verify the appliance is level front-to-back and side-to-side.
7. Verify unrestricted operation of the door, adjustable cooking grate system, El Dorado wheel, and ash removal components.
8. Complete any remaining countertop finishing work.

Structural Support Recommendations

Although the mounting flanges are designed to support the appliance, Yoder Smokers recommends incorporating structural framing beneath the appliance whenever practical. Recommended support methods include structural steel, reinforced masonry, or steel angle supports. Do not rely on decorative stone veneer or similar finish materials as the primary structural support.

Ventilation

Provide adequate combustion air around the appliance. Do not completely enclose the appliance. Outdoor installation only. Never install inside garages, enclosed patios, screened rooms, or any enclosed structure without consulting the local building code authority.

Service Access

Provide unrestricted front access for cleaning, ash removal, inspection, and future maintenance. The appliance should remain removable from the enclosure without dismantling the outdoor kitchen.

Countertop Requirements

- Level.
- Non-combustible construction.
- Fully support the mounting flanges around the perimeter.
- Structurally reinforced to carry the appliance load.

Handling

Always lift the appliance from beneath the **main structural body**. Never lift by the cooking grates, door, El Dorado wheel assembly, or mounting flanges. Once lifted, carefully slide the appliance into the prepared opening until the mounting flanges are fully seated.

Final Inspection Checklist

- ■ Cabinet level
- ■ Countertop level
- ■ Correct cutout dimensions
- ■ Mounting flanges fully supported
- ■ Door operates freely

- Cooking grate system operates correctly
- Adequate ventilation provided
- Service access maintained
- Installation complies with local building codes

Questions?

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