Blaze® Electric Grill Owner's Manual
BLZ-ELEC-21



Optional pedestal mount shown

⚠ ATTENTION

INSTALLER: PLEASE LEAVE THESE INSTRUCTIONS WITH THE CONSUMER.
CONSUMER: PLEASE READ & RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE AND BEFORE INSTALLING OR OPERATING.

⚠ WARNING

Observe all local codes and ordinances when installing this appliance. If no local codes are applicable, wire unit in accordance with the latest National Electrical Code, ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1, whichever is applicable.

- CONTACT INFORMATION -
Blaze: 6620 Greenwell Springs Rd, Baton Rouge, LA 70805
USA Phone: 866-976-9510
CustomerService@BlazeGrills.com
BLAZEGRILLS.COM

⚠ CALIFORNIA PROPOSITION 65 WARNING

WARNING: This product can expose you to chemicals including Chromium (hexavalent compounds), which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to: www.P65Warnings.ca.gov

⚠ WARNING

- **If the information in this manual is not followed exactly, a fire or explosion may result, causing property damage, personal injury, or loss of life.**

⚠ WARNING

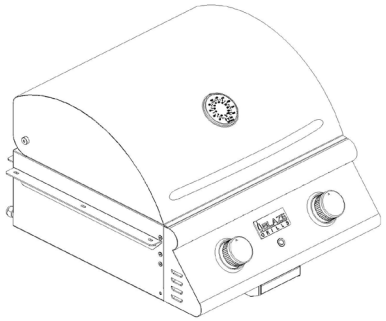
- **Read the installation, operation, and maintenance instructions thoroughly before installing, operating, or servicing this equipment to reduce risk of fire, burn hazard, or other injury.**
- **This manual should be retained for your information.**
- **Do not operate this electric grill without having read this manual.**
- **All electrical installations, service, and repairs must be performed by a qualified technician or authorized service agent.**
- **Note: This grill is not intended for commercial use.**

⚠ WARNING
RISK OF FIRE! THE POWER CORD MUST NOT BE PINCHED AGAINST A SHARP EDGE. SECURE CORD TO AVOID TRIPPING OR SNAGGING. TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR PERSONAL INJURY, DO NOT RUN CORD UNDER CARPETING. DO NOT COVER CORD WITH THROW RUGS, RUNNERS OR THE LIKE. ARRANGE CORD AWAY FROM TRAFFIC AREAS AND WHERE IT WILL NOT BE TRIPPED OVER.
RISK OF FIRE! TO PREVENT A POSSIBLE FIRE, DO NOT BLOCK AIR INTAKE OR EXHAUST IN ANY MANNER. DO NOT USE ON SOFT SURFACES WHERE OPENINGS MAY BECOME BLOCKED.
RISK OF FIRE! DO NOT BLOW OR PLACE INSULATION AGAINST THE APPLIANCE.
THIS ELECTRIC APPLIANCE IS TESTED AND LISTED FOR USE ONLY WITH THE APPROVED OPTIONAL ACCESSORIES. USE OF OPTIONAL ACCESSORIES NOT SPECIFICALLY TESTED FOR THIS ELECTRIC APPLIANCE COULD VOID THE WARRANTY AND/OR RESULT IN A SAFETY HAZARD.
IF THE INFORMATION IN THESE INSTRUCTIONS IS NOT FOLLOWED EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY, OR DEATH. DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.
THIS APPLIANCE IS HEAVY. IT IS HIGHLY RECOMMENDED THAT TWO PEOPLE INSTALL THIS APPLIANCE.
DO NOT RUN THE POWER CORD HORIZONTALLY, DIRECTLY BELOW THE APPLIANCE.

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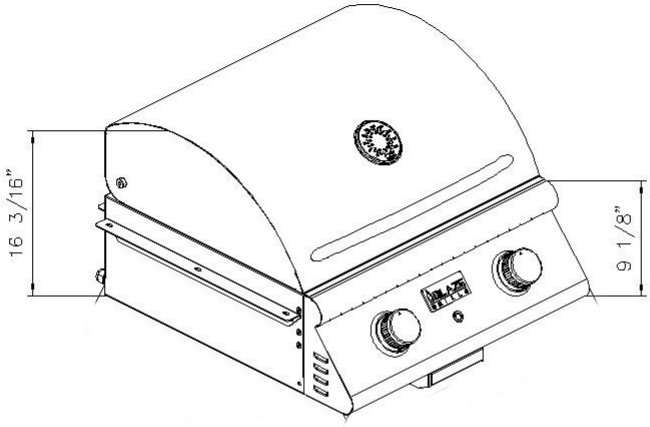
THIS MANUAL APPLIES TO THE FOLLOWING BLAZE GRILLS

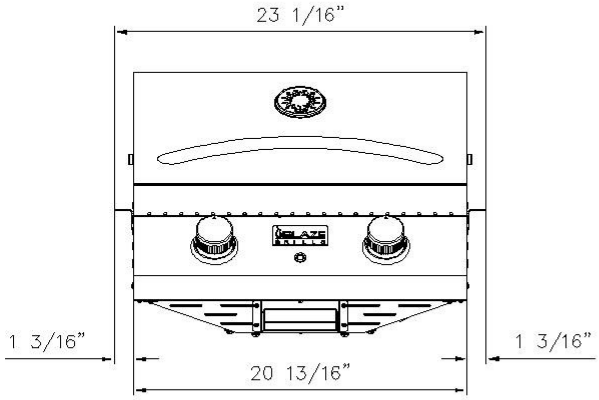
Model: BLZ-ELEC-21	
	
Cutout Dimensions	21”W x 18 1/4”D x 9 5/8”H* *These dimensions create the required air gap underneath this appliance. This air gap serves multiple purposes, such as preventing a build up of heat in the island cavity and helping provide proper airflow to keep the unit cool.
Cooking Grid Dimensions	17 7/8”W x 15 3/8”D
Flame Tamer	Flame Stabilizer Grid
Primary Ignition	Electric Element
Warranty	*Limited Lifetime - Defects in manufacturing and workmanship. Cooking grids, flame tamers, stainless housing, and valves against rust-through. *1 Year - Heating Element, Heating Element Components, and Lighting Systems *Appliances must be registered within 30 days of purchase to validate this warranty. *See warranty section on Page 14 for more details.

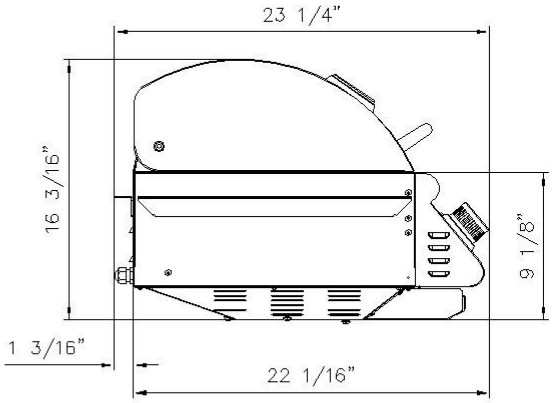
GRILL SPECIFICATIONS

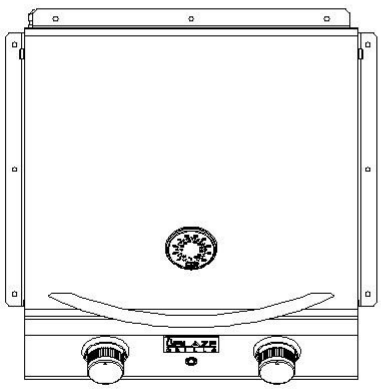
NOTE: ALWAYS have equipment measured by a contractor before beginning any project.

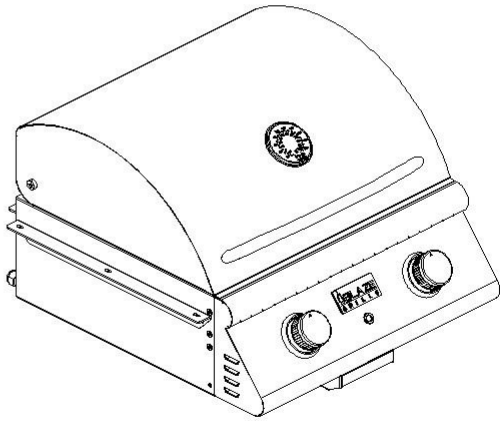
***These dimensions create the required air gap underneath this appliance. This air gap serves multiple purposes, such as preventing a build-up of heat in the island cavity and helping provide proper airflow for combustion and/or cabinetry**









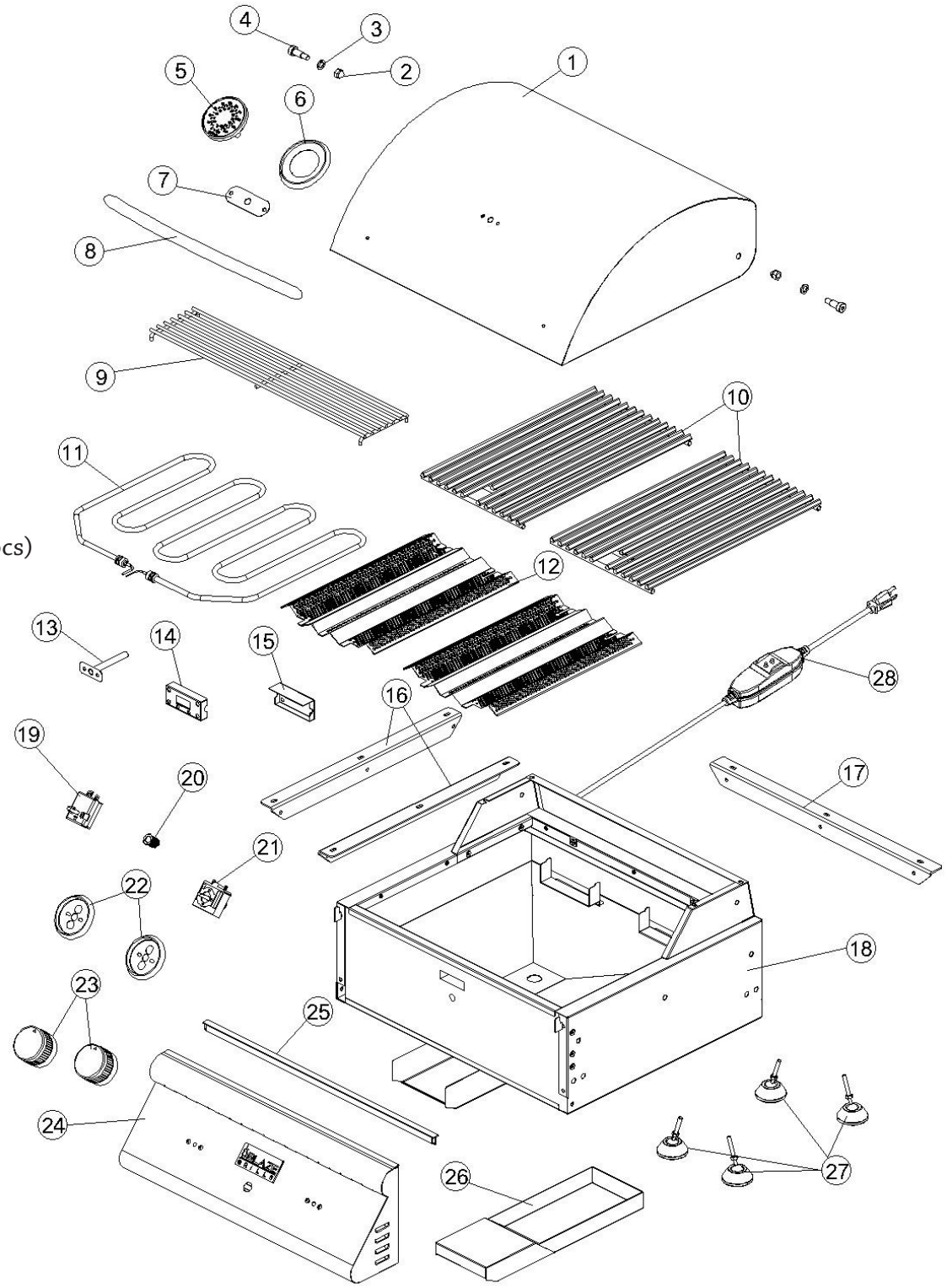


WARNING

- **THIS APPLIANCE IS HOT WHEN OPERATING AND CAN CAUSE SEVERE BURNS.**
- **Do not install damaged, incomplete, or substitute components.**
- **Young children should be carefully supervised when they are in the same room as the appliance. Toddlers, young children, and others may be susceptible to accidental burns. A physical barrier should be used if there are any at-risk individuals in the home. To restrict access to the appliance, an adjustable safety gate is recommended to keep toddlers, young children, and other at-risk individuals out of the area and away from hot surfaces.**
- **This appliance is not intended for use by persons (including children) with reduced physical, sensory, mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.**
- **For residential use only! NOT for commercial use! Any commercial or public use of this grill voids all warranties and could cause injury.**
- **Do not touch hot surfaces. Always use the lid handle.**
- **To protect against electrical shock, do not immerse the cord, plugs, probe, or grill in water or other liquids.**
- **Close supervision is necessary when any appliance is used near children.**
- **Unplug from outlet when not in use and before cleaning or servicing. Allow to cool before putting on or taking off parts.**
- **Do not operate appliance with a damaged cord or plug, or after the appliance malfunctions or has been damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair, or adjustment.**
- **The use of accessory attachments not recommended by the appliance manufacturer may cause injuries.**
- **Do not let cord hang over edge of a table or counter, or touch hot surfaces.**
- **Do not place on or near a hot gas burner, electric burner, or in a heated oven.**
- **Extreme caution must be used when moving an appliance containing hot oil or other hot liquids.**
- **Do not use appliance for anything other than intended use.**
- **Do not run the appliance continuously for more than 1.5 hours.**
- **Fuel, such as charcoal briquettes, is not to be used with appliance.**
- **Use only on a properly grounded outlet.**
- **NEVER grill in the open rain or in standing water because this grill is an electric appliance. There is always a hazard of electric shock while operating this unit.**
- **Appliance enclosure type is 3R.**
- **Keep the appliance area clear and free from combustible materials, gasoline, and other flammable vapors. WHEN OPERATING THE UNIT IN ALL INSTALLATION APPLICATIONS, KEEP ALL OBJECTS, ESPECIALLY COMBUSTIBLE MATERIALS, AWAY FROM THE OPERATING UNIT AT LEAST A MINIMUM OF 4” ABOVE (WITH LID OPEN) AND 4” INCHES ON ALL SIDES.**
- **SAVE THESE INSTRUCTIONS.**

Parts List

1. Lid
2. M8 Nut (2pcs)
3. M8 Flat Gasket (2pcs)
4. Lid Hinge (2pcs)
5. Thermometer
6. Thermometer Base
7. Thermemoter Seal
8. Lid Handle
9. Warming Rack (1pcs)
10. Cooking Grate (2pcs)
11. Heating Element
12. Flame Tamer (2pcs)
13. Probe Protecting Tube
14. Back Heating Element Attachment Bracket
15. Front Heating Element Attachment Bracket
16. Hang-In Side Bracket (2pcs)
17. Hang-In Back Bracket
18. Grill Body
19. Thermostat
20. LED Light
21. Time Adjuster
22. Knob Base (2pcs)
23. Knob (2pcs)
24. Control Panel
25. Sealing Gasket
26. Drip Tray
27. Adjustable Foot (4pcs)
28. GFCI



Location of Appliance

This unit is not to be used in altitudes above 6,561.68 feet (2,000 meters).

Most importantly, this is an outdoor appliance. Under no circumstance is this appliance to be used indoors. This includes garages or any other enclosed area. This outdoor electric cooking appliance is not approved to be installed in or on any recreational vehicles and/or boats. Blaze Grills are for single family/residential use only. Ensure your appliance is positioned safely away from anything that can catch fire.

•When determining a suitable location, take into account concerns such as exposure to wind and proximity to traffic paths.
•Do not store combustible materials near the appliance, gasoline, flammable liquids, or vapors.
•This BLAZE GRILL must be located outdoors only. Please note: Since hot air rises above the BLAZE GRILL while in operation, covered locations should be avoided unless an outdoor vent hood appliance is properly installed. Do not locate the BLAZE GRILL where an overhang or awning may cover it unless an outdoor vent hood appliance is properly installed.
•DO NOT obstruct the air flow of this appliance in order to prevent overheating.
•Keep any electrical supply cords away from any heated surfaces and/or sharp and aggressive edges.
•Non-Combustible Enclosure: The BLAZE GRILL must be installed in a NON-COMBUSTIBLE ENCLOSURE ONLY. The determination of whether a location is combustible or non-combustible construction is made by the local fire marshal, building inspector, or the local safety authority having jurisdiction.
•Combustible Enclosure Clearance: Ensure your appliance remains at a distance of at least 14” from sides & 16” from back from any combustible material such as wood, gyprock, paper and plants. Do not store combustible materials, gasoline, or flammable liquids or vapors around the appliance. The outdoor kitchen structure itself should be constructed completely out of non-combustible materials.
•Adequate Ventilation: Ensure there is adequate ventilation for both the appliance, grill cart, any additional cooking appliances, and/or island cavity. While the amount of venting required varies on a case-by-case basis, consult with your local licensed professional and local code for adequate venting requirements. Keep the ventilation openings of the enclosure free and clear from any debris.
•Firm Level Surface: Use your appliance only on a firm, level surface. This appliance is not designed for recreational vehicles, and should not be installed on a boat or marine craft.
•Protection from Weather: Keep the appliance protected from adverse weather, including rain and wind.
•Partial Enclosures: Many backyards have areas that are partially closed off, such as balconies and pergolas. In some cases, it is hard to decide whether these partially enclosed areas should be classified as indoor areas, particularly in terms of permanent (non-closable) ventilation. Consult the AHJ (Authority Having Jurisdiction) or a local contractor of any uncertainty.
•When installing a Blaze appliance under an overhead construction:

- A minimum of 6 feet of clearance is required between the countertop and the overhead construction.
- When installed under a combustible overhead construction, the area above the Blaze appliance must be covered with a vent hood. The vent hood must provide protection for the combustible overhead construction.
- Blaze appliances must not be installed under unprotected combustible overhead construction.
- When installed under overhead non-combustible construction, a vent hood is still recommended. The covered area should be properly ventilated.
- When using a vent hood, the area above the cooking surface of the grill must be covered with a vent hood larger than the cooking area of the grill, and with a minimum of 1200 CFM for proper outdoor application.

Installation and Assembly

Ensuring Proper Airflow

Proper airflow MUST be maintained for the grill to perform as it was designed. If airflow is blocked, overheating will result. Do not block more than 75% of the cooking grid surface with pans or griddles.

WARNING: NEVER cover the entire cooking or grill surface with griddles or pans. Overheating of the electronic components will occur.

CAUTION: DO NOT operate this grill with air blowing into or across the rear oven lid vent. This can cause poor performance and/or dangerous overheating. Orient the grill so that any prevailing wind blows against the front of the grill.

Extension Cords

Use only a 14-gauge extension cord with a 3-prong plug suitable for use with outdoor appliances. Outdoor extension cords should be used with outdoor products and are surface marked with suffix letter “W” and with a tag stating “Suitable for use with outdoor appliances”. The maximum length allowed for the extension cord is 25 feet. Do not use damaged extension cords. Examine extension cord before use and replace if damaged. Keep cord away from heat and sharp edges.

Important: Connection to an extension cord must be kept dry and off the ground.

Connecting to Electrical Outlet

This electrical appliance is equipped with a 3-pronged (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded, 3-prong GFI protected receptacle. Located on its own 20 Amp dedicated Circuit. The appliance should be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA. Do not cut or remove the grounding prong from the plug.
Do not operate any appliance with a damaged cord or plug, or after an appliance malfunction. Return the appliance to your dealer or authorized service facility for inspection, repair, or electrical/mechanical adjustment.

*Important: To ensure optimal grill performance verify unit is plugged into its own dedicated 20 amp circuit.

Installation and Assembly cont.

Pedestal Models

Reference the figure below when installing your pedestal electric grill.

1. Using a Phillips-head screwdriver, remove the 4 screws and bumpers on the bottom of the grill. Discard the bumpers. Align the electric grill onto the top of the post assembly. Using the same 4 screws, fasten the electric grill to the post assembly.

2. The post assembly base must be securely fastened to a stable, level surface using the lag screws and shields (not supplied) to ensure the grill remains fixed and upright at all times.

Side Shelf Instructions.

1.Using 3 screws, align and fasten each shelf bracket to the side of the grill.

2. Holding the shelf horizontally, align the slots on the shelf with the pin on the bracket and slide shelf into position.

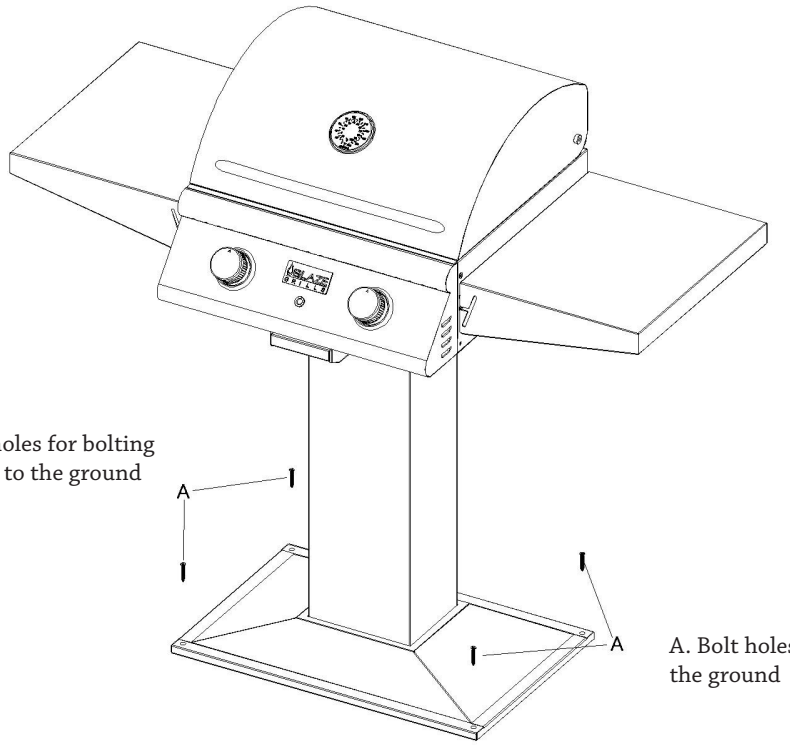
3. Repeat for the opposite side.

Note* The shelf is a 2-position shelf: 1. Raised and 2. Lowered

Important: **BEFORE USE**, the grill base must be securely fastened to a stable, level surface to ensure the grill remains fixed and upright at all times.

Locate the patio mount base in the planned grill location and mark the 4 holes. Drill the marked holes to a 1/2” diameter x 1 1/2” depth. Insert the lag shields (not supplied) into the holes, ensure that they are flush with the ground.

Align the holes on the patio mount base over the lag shields (not supplied) in the ground. Secure the base with the lag screws (not supplied) using a 7/16” nut driver.

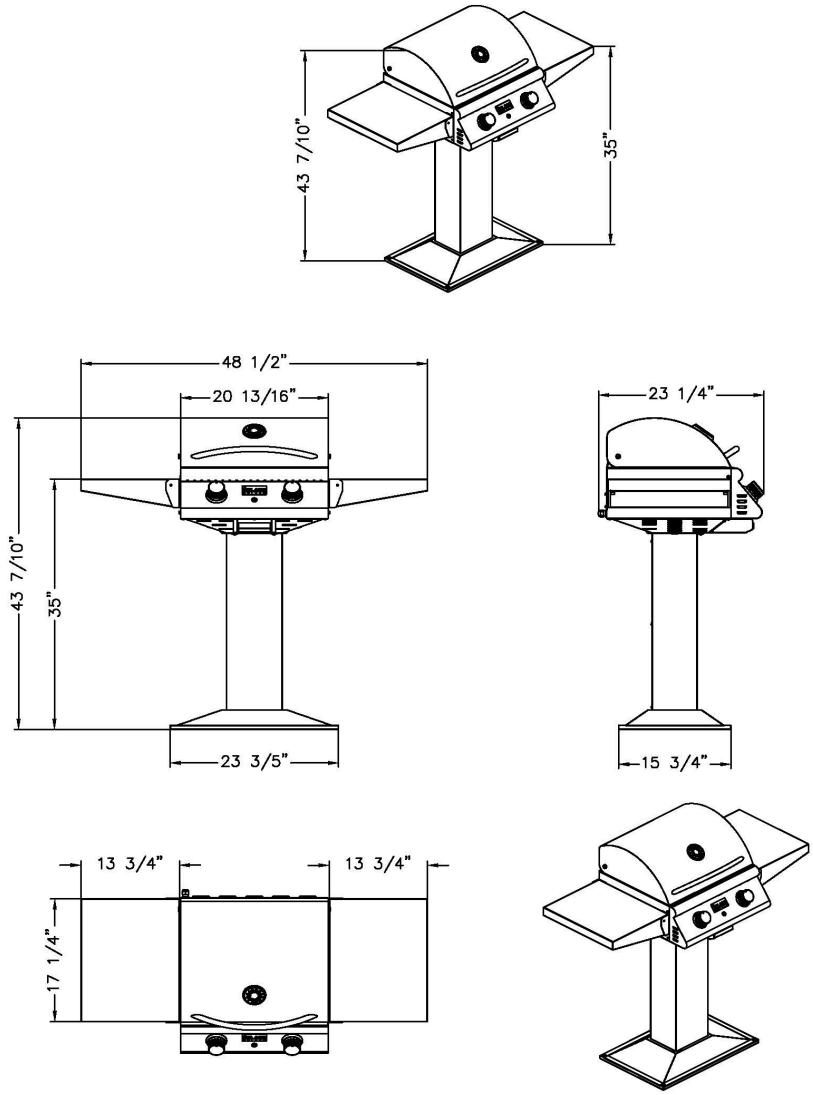


A. Bolt holes for bolting pedestal to the ground

A. Bolt holes for bolting pedestal to the ground

Installation and Assembly cont.

Pedestal Model Specifications



Countertop Models

Be sure the unit is stationed on a clean, dry, and level surface, and that all clearance and location requirements on the previous page are met.

Reference the figure below when installing your countertop electric grill.
1. Place the grill on a level, non-combustible surface.
2. Using the adjustable feet, ensure the unit is level and free from wobble.
3. Route power cord to outlet, ensuring there is no contact with heat source, or any pinch points.

Important: **BEFORE USE**, the grill base must be securely fastened to a stable, level surface to ensure the grill remains fixed and upright at all times.

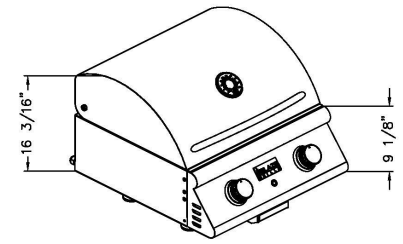
Installation and Assembly cont.

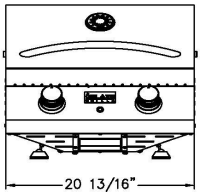
Built-In Models

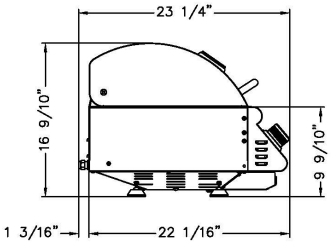
Reference the figures below and to the right when installing your built-in electric grill.

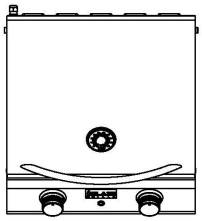
1. Using a Phillips-head screwdriver, remove the 4 screws on the side of the grill and bumpers on the bottom of the grill. Discard the bumpers.
2. Using the same 4 screws, fasten the electric grill built-in brackets to the unit.
3. Carefully lift the unit and slide into the islands pre-cut hole. Built-in specifications and regulations can be found on pages 4, 5, and 7.
4. Route power cord to outlet ensuring no contact with heat source or any pinch points.

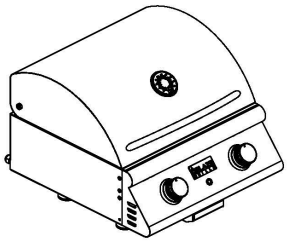
Important: **BEFORE USE**, the grill base must be securely fastened to a stable, level surface to ensure the grill remains fixed and upright at all times.

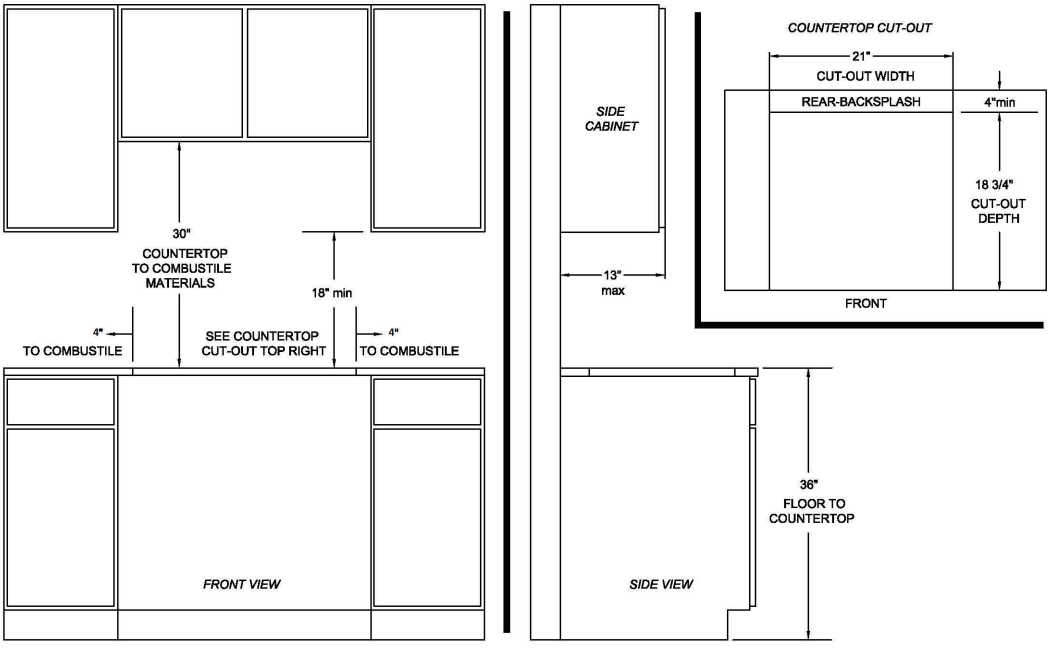












Operation

Cooking Element

Turning on your Electric Grill:

1. Plug power cord into a dedicated GFCI outlet.
2. Ensure power cord surge protector is reset.
3. Turn timer on to desired cook time.
4. Turn on heating element with left power control knob.
5. For maximum performance, allow the grill to preheat for 10 minutes before cooking.
   *Note: To ensure maximum performance plug grill into its own dedicated 20 amp circuit.

Drop-Down Shelf

1. To lower the shelf, grab the middle of the shelf on both sides and lift upward. Then allow the end of the shelf to rotate down.
2. To raise the shelf, grab the middle of the shelf on both sides and raise it to the horizontal position. Lift slightly upward and lock the shelf safely into position.

Drip Tray

Drippings from grilling flow through specially designed channels and collect in the drip tray. After each use, wait for the grill to completely cool before carefully pulling out the drip tray to empty it.



Care and Cleaning

NOTE: Always wait until your appliance is completely cool before cleaning. Do not clean this product with a water spray or the like.
You should clean your appliance after each use to maintain the overall appearance over the life of your appliance. After the first use, it is normal for your appliance to become discolored in certain areas from the heat produced by the heating element.

Exterior Cleaning
When cleaning your appliance, always scrub and polish in the direction of the stainless steel grain. Wipe down the exterior of the appliance to remove any splatter or grease. Use a stainless steel cleaner to clean the exterior surface for a polished look. Do not use harsh abrasives. To remove baked-on foods, use a fine-to-medium-grit non-metallic abrasive pad with a stainless steel cleaner to avoid specks of grease collecting in the grain and causing the appearance of rust. Before installing the cover, always allow the surface to dry. DO NOT cover a damp appliance.

Drip Tray
Clean the drip tray after each use. Failure to do so could result in a fire. Once the appliance has cooled completely, remove the tray by pulling it all the way out until it comes free. Clean the tray with hot soapy water and replace, ensuring the tray is completely installed in the grill housing. If using an oven-cleaning agent, be sure to carefully follow the manufacturer's instructions to avoid damage to the stainless steel.

Flame Tamers & Grilling/Warming Racks
To clean (after each use), turn the heating element on HIGH for 10-15 minutes with the hood closed. This allows any food particles or grease drippings to burn away. Brush components with a grill cleaning brush to remove any remaining charred materials.

Protecting Your Appliance from the Weather
An optional, heavy-duty cover will protect your appliance's finish and protect your investment. The water-repellent cover will shield your appliance from the weather. Always cover your appliance when not in use. (Allow to cool before covering.)

Troubleshooting

SAFETY INFORMATION

WARNING

DISCONNECT THE APPLIANCE COMPLETELY AND LET COOL PRIOR TO ANY SERVICE.

ONLY A QUALIFIED SERVICE PERSON SHOULD SERVICE AND REPAIR THIS ELECTRIC APPLIANCE.

Problem	Possible Cause	Solution
1. Grill does not work.	1. Power failure. 2. Power not plugged correctly. 3. GFI plug may be tripped.	1. Check if power is available. 2. Make sure the power cord plug is properly inserted into the receptacle. 3. Reset switches on the GFI receptacle.
2. Cooking element does not work.	1. No power to unit. 2. Bad element.	1. Assure power is available. 2. Contact your dealer.
3. Grill will not heat past 200 degree's	1. Not enough Power to unit. 2. Poor connection	1. Verify unit is Plugged into Dedicated 20 amp Circuit. 2. Ensure GFI is proper rating. 3. Contact your dealer.

Warranty Registration

If you have purchased a Blaze Grill, you must register your product within 30 days of purchase to validate the warranty and maintain your original receipt to get parts for the
appliance. You may register your appliance at www.blazegrills.com by selecting Support, and then selecting Register your Product. The warranty is for original owners only at the original site of delivery and cannot be transferred to new owners. You must retain your sales slip or invoice for warranty to apply.

Blaze Electric Grill BLZ-3-ELEC-21 can be used in multi-user applications, including but not limited to: apartment complexes, hotels, condo complexes, fire stations, police stations, multi-family dwellings, etc. The Blaze Gas Grills BLZ-3-LBM(LP/NG), BLZ-4-LBM(LP/NG) warranty is not applicable when used in a restaurant setting. For multi-user applications Blaze Outdoor Products applies the following warranty:

- THREE (3) YEAR WARRANTY Stainless steel grill housing, burners, stainless steel rod cooking grids, brass valves, inner liners and manifold assemblies.

- NINETY (90) DAY WARRANTY All other components, except burners, are warrantied for 90 days. This warranty replaces the lifetime warranty offered with residential use when appliance is used in multi-user settings.

Installation, repair, and maintenance work should be performed by an authorized service technician. Work by unqualified persons could be dangerous and will void the warranty. All appliances must have a qualified installer complete the installation for the warranty to be in effect. Incorrect installation of the Blaze appliance will void the warranty. Please call Blaze Outdoor Products for more information on correct installation of the appliance.

Blaze Outdoor Products shall not be liable under this or any implied warranty for incidental or consequential damages, and Blaze Outdoor Products' liability is limited to the purchase price of the appliance only. This warranty gives you specific legal rights, and you may also have other rights, which may vary from state to state. This warranty is applicable in the United States and Canada only.

Improper maintenance, high cooking temperatures, excessive humidity, chlorine, fertilizers, lawn pesticides, chemicals, and salt can affect the stainless steel components, and for these reasons, the warranties DO NOT COVER DISCOLORATION, SURFACE RUST, OR RUST, unless there is a loss of structural integrity/rust through of the appliance components. This warranty covers defects in material and workmanship.

WARRANTY ON PARTS:

Cooking Grids – Lifetime (Parts Only)
Body – Lifetime (Parts Only)
Flame Tamers – Lifetime (Parts Only)
Warming Rack – Lifetime (Parts Only)
Heating Element – 1 Year (Parts Only)
Ignition, Electronics, and Lighting Systems – 1 year (Parts Only)

Consumers are responsible for all shipping costs associated with warranty parts and labor costs. All warranty claims are subject to manufacturer review. Please make sure to have your sales receipt information and product serial number located on the outside left side panel of the appliance. All replacement parts can be purchased through your local stocking dealer.
ATTENTION INTERNATIONAL CUSTOMERS: Please consult your selling dealer or distributor for specifics pertaining to your product warranty and procedure. No one other than the selling dealer or distributor is authorized to perform any obligations under this warranty.

Blaze Product Registration

Please take a minute to let us know what you bought. This ensures we keep you up to date and have your info ready if you ever need warranty help! You may register your product electronically on the Blaze website blazegrills.com.

Name

First _____ Last_____
Email_____
Phone_____
Street Address _____
Street Address Line 2_____
City_____ State/Province/Region_____
Zip/Postal Code_____ Country_____

What is the model number of the Blaze product purchased?

_____

What size Blaze product did you purchase?

_____

Where did you buy your Blaze product?

_____