



MODEL : PB1000SC1  
PART : 72751

# PB1000SC1

## WOOD PELLET GRILL & SMOKER

SAVE THESE INSTRUCTIONS! MANUAL MUST BE  
READ BEFORE OPERATING!

## ASSEMBLY AND OPERATION INSTRUCTIONS

**WARNING:** Please read the entire manual before installation and use of this electric, pellet fuel burning appliance. Failure to follow these instructions could result in property damage, bodily injury or even death. Contact local building or fire officials about restrictions and installation inspection requirements in your area.



# SAFETY INFORMATION

**MAJOR CAUSES OF APPLIANCE FIRES ARE A RESULT OF POOR MAINTENANCE AND A FAILURE TO MAINTAIN REQUIRED CLEARANCE TO COMBUSTIBLE MATERIALS. IT IS OF UTMOST IMPORTANCE THAT THIS PRODUCT BE USED ONLY IN ACCORDANCE TO THE FOLLOWING INSTRUCTIONS.**

Please read and understand this entire manual before attempting to assemble, operate or install the product. This will ensure you receive the most enjoyable and trouble-free operation of your new wood pellet grill. We also advise you retain this manual for future reference.

## DANGERS AND WARNINGS

**You must contact your local home association, building or fire officials, or authority having jurisdiction, to obtain the necessary permits, permission or information on any installation restrictions, such as any grill being installed on a combustible surface, inspection requirements or even ability to use, in your area.**

1. A minimum clearance of 305mm (12 inches) from combustible constructions to the sides of the grill, and 305mm (12 inches) from the back of the grill to combustible constructions must be maintained. Do not use this appliance indoors or in an enclosed, unventilated area. This wood pellet appliance must not be placed under overhead combustible ceiling or overhang. Keep your grill in an area clear and free from combustible materials, gasoline and other flammable vapors and liquids.

**Should a grease fire occur, turn the grill off and leave the lid closed until the fire is out. Do not unplug the power cord. Do not throw water on. Do not try to smother the fire. Use of an all-class (class ABC) approved fire extinguisher is valuable to keep on site. If an uncontrolled fire does occur, call the Fire Department.**

2. Keep electrical supply cords and the fuel away from heated surfaces. Do not use your grill in the rain or around any water source.
3. After a period of storage, or non-use, check the burn grate for obstructions, the hopper for foreign objects, and any air blockage around the fan intake or rear barrel exhaust holes. Clean before use. Regular care and maintenance is required to prolong the lifespan of your unit. If the grill is stored outside during the rainy season or seasons of high humidity, care should be taken to insure that water does not get into the hopper. When wet or exposed to high humidity, wood pellets will expand greatly, decompose, and may jam the feed system. Always disconnect the power, before performing any service or maintenance.

**Do not transport your grill while in use or while the grill is hot. Ensure the fire is completely out and that the grill is completely cool to the touch before moving.**

4. It is recommended to use heat-resistant barbecue mitts or gloves when operating the grill. Do not use accessories not specified for use with this appliance. Do not put a barbecue cover or anything flammable in the storage space area under the barbecue.
5. To prevent fingers, clothing or other objects from coming in contact with the auger feed system, the appliance is equipped with a metal safety screen, mounted to the interior of the hopper. This screen must not be removed unless directed by Customer Service or an authorized dealer.

**This appliance is not recommended for children, persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are under direct supervision or instruction by a person responsible for their safety.**

6. Parts of the barbecue may be very hot, and serious injury may occur. Keep young children and pets away while in use.
7. Do not enlarge igniter holes or burn pots. Failure to follow this warning could lead to a fire hazard and bodily harm and will void your warranty.

## DISPOSAL OF ASHES

Ashes should be placed in a metal container with a tight-fitting lid. The closed container of ashes should be placed on a non-combustible floor or on the ground, well away from all combustible materials, pending final disposal. When ashes are disposed by burial in soil, or otherwise locally dispersed, they should be retained in a closed container until all cinders have thoroughly cooled.

## WOOD PELLET FUEL

This pellet cooking appliance is designed and approved for pelletized, all natural, wood fuel only. Any other type of fuel burned in this appliance will void the warranty and safety warning. You must only use all natural wood pellets, designed for burning in pellet barbecue grills. Do not use fuel labelled as having additives.

**Do not use lava rock, wood chunks, charcoal, spirit, petrol, gasoline, lighter-fluid or kerosene for lighting or refreshing a fire in your grill. Keep all such substances and liquids well away from appliance when in use.**

At this time of printing, there is no industry standard for barbecue wood pellets, although most pellet mills use the same standards to make wood pellets for domestic use. Further information, can be found at [www.pelletheat.org](http://www.pelletheat.org) or the **Pellet Fuel Institute**.

Contact your local dealer on the quality of pellets in your area, and for information on brand quality. As there is no control over the quality of pellets used with the appliance, Dansons Inc. assumes no liability caused by the quality of fuel.

## CREOSOTE

Creosote, or soot, is a tar-like substance. When burning, it produces black smoke with a residue which is also black in color. Soot or creosote is formed when the appliance is operated incorrectly, such as: incorrect position of the burn grate, blockage of the combustion fan, failure to clean and maintain the burn area, or poor air-to-fuel combustion.

It is dangerous to operate this appliance should the flame become dark, sooty, or if the burn pot is overfilled with pellets. When ignited, this creosote makes an extremely hot and uncontrolled fire, similar to a grease fire. Should this happen, turn the unit off, let it cool completely, then inspect for maintenance and cleaning. It commonly accumulates along exhaust areas.

If creosote has formed within the unit; allow the unit to warm up at a low temperature, turn off the appliance, then wipe away any formation with a hand towel. Similar to tar, it is much easier to clean when warm, as it becomes liquid.

## CARBON MONOXIDE ("THE SILENT KILLER")

Carbon monoxide is a colorless, odorless, tasteless gas produced by burning gas, wood, propane, charcoal or other fuel. Carbon monoxide reduces the blood's ability to carry oxygen. Low blood oxygen levels can result in headaches, dizziness, weakness, nausea, vomiting, sleepiness, confusion, loss of consciousness or death. Follow these guidelines to prevent this colorless, odorless gas from poisoning you, your family, or others:

- See a doctor if you or others develop cold or flu-like symptoms while cooking or in the vicinity of the appliance. Carbon monoxide poisoning, which can easily be mistaken for a cold or flu, is often detected too late.
- Alcohol consumption and drug use increase the effects of carbon monoxide poisoning.
- Carbon monoxide is especially toxic to mother and child during pregnancy, infants, the elderly, smokers, and people with blood or circulatory system problems, such as anemia, or heart disease.

## SAFETY LISTING

In accordance with the procedures and specifications listed in the UL Subject 2728-2009 "pellet fuel cooking appliances" and ULC/ORD C272 and Canadian CSA C22.2 #3 "for electrical features of fuel burning equipment." Pit Boss Grills pellet cooking appliances have been independently tested and listed by Intertek (an accredited testing laboratory) to ETL, UL, ULC and CSA standards.





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#### **Dansons Inc.**

3411 North 5th Avenue, Suite 500, Phoenix, AZ, USA 85013

sales@pitboss-grills.com | service@pitboss-grills.com

**www.pitboss-grills.com**

**Toll-Free: 1-877-303-3134, Fax: 1-877-303-3135**



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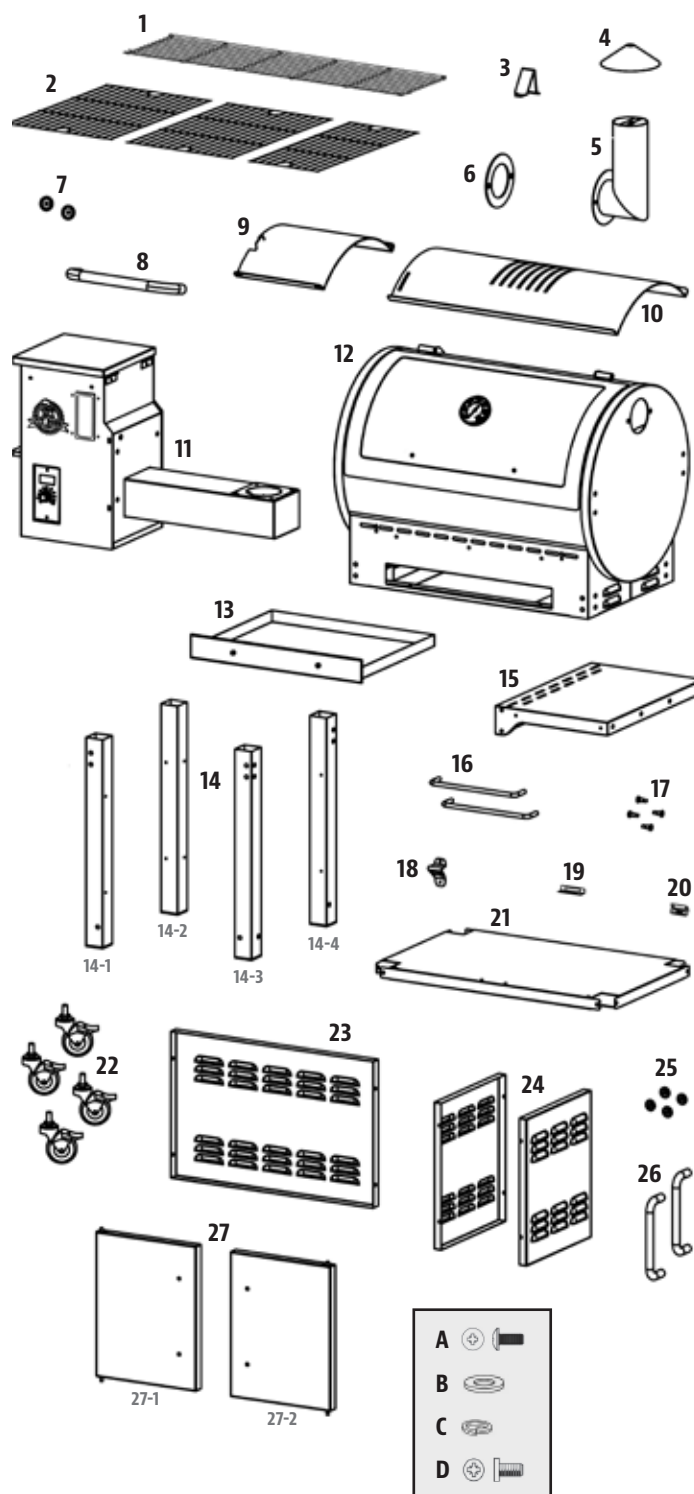
# PARTS & SPECS

| Part# | Description                                   |
|-------|---|
| 1     | Porcelain-Coated Steel Upper Cooking Rack     |
| 2     | Porcelain-Coated Cast-Iron Cooking Grids (x3) |
| 3     | Lid Stopper                                   |
| 4     | Chimney Gasket                                |
| 5     | Chimney Cap Assembly                          |
| 6     | Chimney Stack                                 |
| 7     | Lid Handle Bezel (x2)                         |
| 8     | Lid Handle                                    |
| 9     | Flame Broiler Slider                          |
| 10    | Flame Broiler Main Plate                      |
| 11    | Hopper Assembly                               |
| 12    | Main Barrel                                   |
| 13    | Grease Tray                                   |
| 14    | Support Leg (x4)                              |
| 15    | Side Shelf                                    |
| 16    | Side Shelf Handle, Grease Tray Handle (x2)    |
| 17    | Tool Hook (x4)                                |
| 18    | Bottle Opener                                 |
| 19    | Door Stopper                                  |
| 20    | Door Magnet                                   |
| 21    | Bottom Shelf                                  |
| 22    | Locking Caster Wheel (x4)                     |
| 23    | Cart Back Panel                               |
| 24    | Cart Side Panel (x2)                          |
| 25    | Cabinet Door Bezel (x4)                       |
| 26    | Cabinet Door Handle (x2)                      |
| 27    | Cabinet Door (x2)                             |
| A     | Screw (x24)                                   |
| B     | Washer (x24)                                  |
| C     | Locking Washer (x24)                          |
| D     | Screw (x14)                                   |

NOTE: Due to ongoing product development, parts are subject to change without notice. Contact Customer Service if parts are missing when assembling the unit.

## PB – ELECTRIC REQUIREMENTS

110-120V, 3.3AMP, 60HZ, 275W, 3-PRONG GROUNDED PLUG



| MODEL        | UNIT ASSEMBLED (WxHxD)                             | UNIT WEIGHT           | COOKING AREA  | TEMP. RANGE             | DIGITAL FEATURES   |
|--------------|--|-----------------------|---|-------------------------|--|
| PB PB1000SC1 | 1,567mm x 1,330mm x 586mm<br>/ 62" x 52 1/3" x 23" | 93.0 kg<br>/ 205.0 lb | Main - 4,482 cm <sup>2</sup> / 695 sq. in.<br>Upper Rack - 1,998 cm <sup>2</sup> / 309 sq. in.<br><b>TOTAL - 6,480 cm<sup>2</sup> / 1,004 sq. in.</b> | 82-260°C<br>/ 180-500°F | Eight temperature presets, start-up and cool-down cycles, electric igniter |

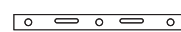
# ASSEMBLY PREPARATION

Parts are located throughout the shipping carton, including underneath the grill. Inspect the grill, parts, and hardware blister pack after removing from the protective shipping carton. Before assembly of product, review all parts and reference the parts list. If any part is missing or damaged, do not attempt to assemble. Shipping damage is not covered under warranty. Contact your dealer or Pit Boss Customer Service for parts: Monday through Sunday, 4am - 8pm PST (EN/FR/ES).

[service@pitboss-grills.com](mailto:service@pitboss-grills.com) | Toll-Free: 1-877-303-3134 | Toll-Free Fax: 1-877-303-3135

**IMPORTANT:** To ease installation, using two people is helpful (but not necessary) when assembling this unit.

**Tools required for assembly:** screwdriver and level. *Tools not included.*



## ASSEMBLY INSTRUCTIONS

**IMPORTANT:** It is advised to read each step entirely before starting assembly on instructions. Do not tighten screws completely until all screws for that step have been installed. Hardware combination involving a locking washer and washer should be installed with the locking washer closest to the head of the screw.

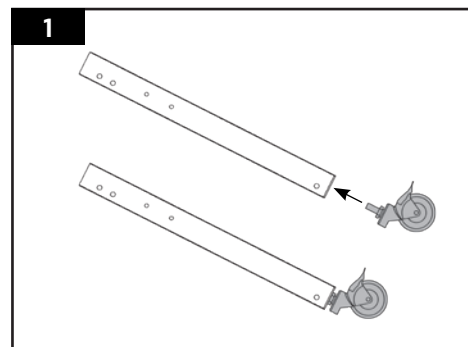
### 1. MOUNTING THE WHEELS TO THE LEGS

#### Parts Required:

- 4 x Support Leg (#14)
- 4 x Locking Caster Wheel (#22)

#### Installation:

- Rotate one of the pre-threaded locking caster wheels into the bottom of a support leg by hand-tightening it into the hole. Continue to install the other caster wheels to the remaining support legs.



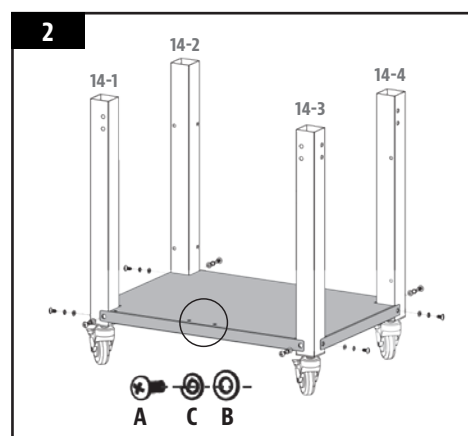
### 2. ASSEMBLING THE CART

#### Parts Required:

- 1 x Bottom Shelf (#21)
- 8 x Screw (#A)
- 8 x Locking Washer (#C)
- 8 x Washer (#B)

#### Installation:

- Attach the bottom shelf to one of the four support legs using two washers, locking washers, and screws. Note illustration for support leg placement.
- On a level surface, continue to secure the other support legs to the bottom shelf.

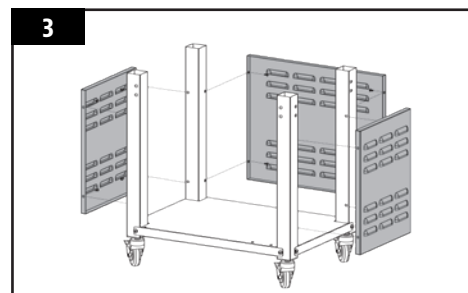


**IMPORTANT:** The edge of the bottom shelf with holes should face forward. The holes are for the cabinet doors installation.

### 3. MOUNTING THE CART PANELS

#### Parts Required:

- 2 x Cart Side Panel (#24)
- 1 x Cart Back Panel (#23)
- 12 x Screw (#D)



### Installation:

- Attach the cart back panel to the rear support legs of the cart, and secure the inside edges using four screws. Repeat the same installation to mount the two cart side panels to the other support legs.

**NOTE: Once installed, the exterior of the cart panels are flush with the support legs and bottom shelf.**

## 4. INSTALLING THE CART TO THE BARREL

### Parts Required:

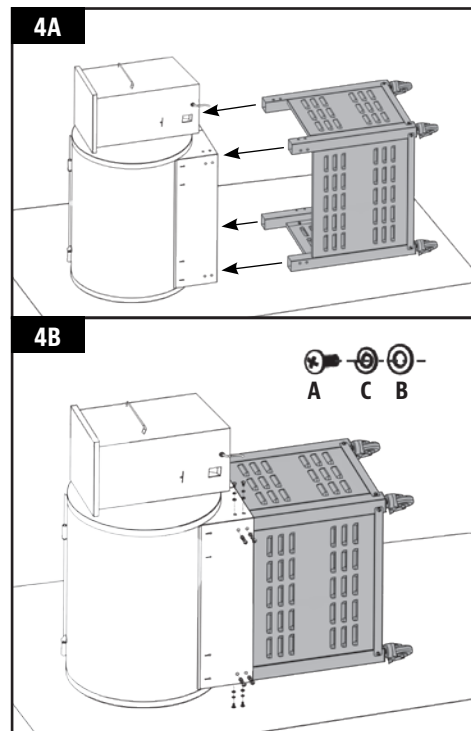
- 1 x Main Barrel (#12)
- 16 x Screw (#A)
- 16 x Locking Washer (#C)
- 16 x Washer (#B)

### Installation:

- Place a piece of cardboard on the floor to prevent scratching the unit. Lay the main barrel on its side, hopper end pointed upward, on the cardboard. Note illustration 4A.
- Insert the assembled cart into the main barrel brace, and secure each leg to the main barrel brace using four washers, locking washers, and screws. Repeat same installation for other three support legs, leaving the bottom side (facing the ground) unsecure. Note illustration 4B.

### IMPORTANT: Lock caster wheels before lifting grill upright.

- Carefully, lift the grill into an upright position with the wheels on the bottom. Secure the final side of the grill using four washers, locking washers, and screws.



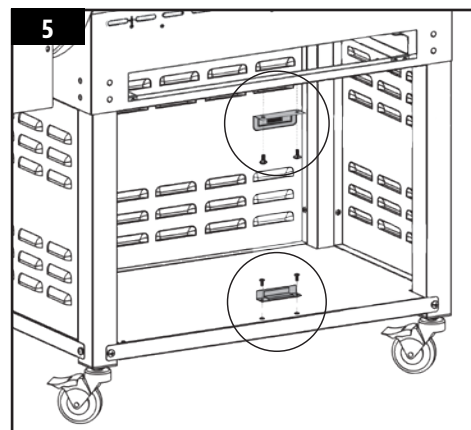
## 5. SECURING THE DOOR STOPPER, DOOR MAGNET

### Parts Required:

- 1 x Door Stopper (#19)
- 1 x Door Magnet (#20)
- 2 x Screw (#D)

### Installation:

- Remove the two pre-installed screws in the center of the bottom shelf. Secure the door stopper to the same area using the two screws, with the raised stop facing the back of the cart.
- Directly above, mount the door magnet using two screws. Ensure the raised magnet is facing the front of the cart.



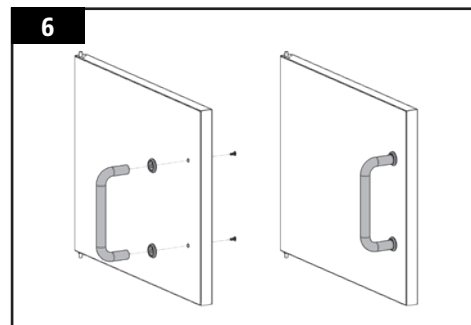
## 6. ATTACHING THE CABINET DOOR HANDLES

### Parts Required:

- 2 x Cabinet Door (#27)
- 2 x Cabinet Door Handle (#26)
- 4 x Cabinet Door Bezel (#25)

### Installation:

- Remove the pre-installed screws from the cabinet door handle. From the rear of the cabinet door, insert one screw so that it protrudes to the





front. Add a cabinet door bezel on the screw, then hand-tighten the screw (from the rear) into the cabinet door handle. Continue to secure the handle by inserting a screw into the other side and tightening.

- Repeat same installation for second cabinet door handle.

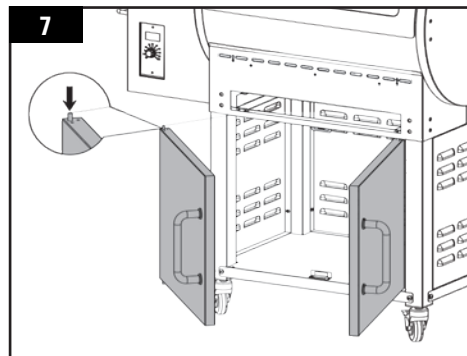
## 7. MOUNTING THE CABINET DOORS TO THE CART

### Installation:

- Align the left cabinet door with the front of the cart. Insert the bottom pin into the pivot hole on the left side of the bottom shelf, then push down on the locking-loaded top pin, and lock into the hole on the main barrel brace.

**IMPORTANT: The cabinet door should swing freely once installed, and line up with the door stopper and door magnet. If unlevel, ensure the top and bottom pins of the cabinet door are inserted correctly.**

- Repeat same installation for second cabinet door on the right side.



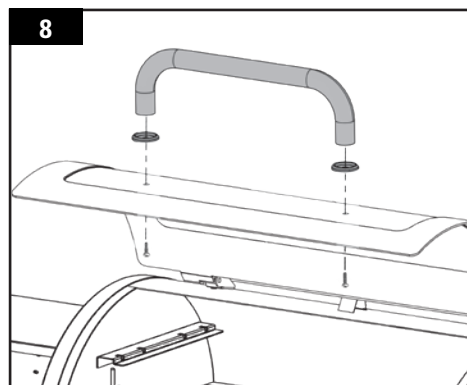
## 8. ATTACHING THE LID HANDLE

### Parts Required:

- 1 x Lid Handle (#8)
- 2 x Lid Handle Bezel (#7)

### Installation:

- Remove the pre-installed screws from the lid handle. From inside the barrel lid, insert one screw so that it protrudes to the outside. Add a bezel on the screw, then hand-tighten the screw (from the inside) into the lid handle. Repeat same installation for other end of lid handle.



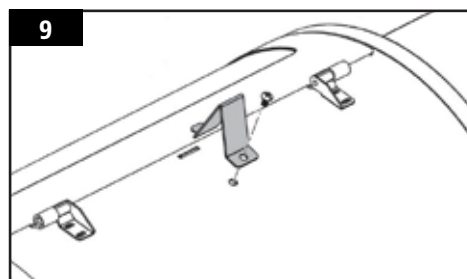
## 9. SECURING THE LID STOPPER

### Parts Required:

- 1 x Lid Stopper (#3)

### Installation:

- Secure the lid stopper onto the top of the main barrel using the pre-installed screw on the top of the main barrel.



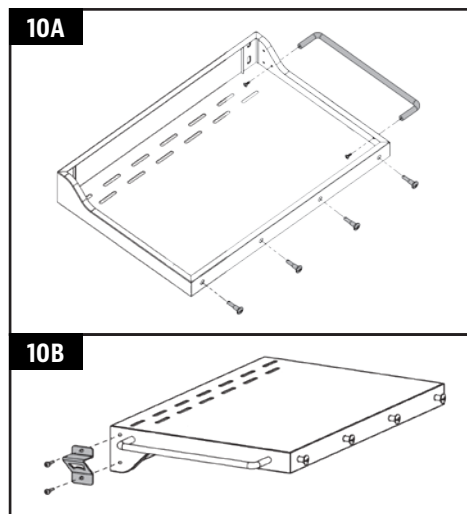
## 10. ASSEMBLING THE SIDE SHELF

### Parts Required:

- 1 x Side Shelf (#15)
- 4 x Tool Hook (#17)
- 1 x Side Shelf Handle (#16)
- 1 x Bottle Opener (#18)

### Installation:

- Turn the side shelf upside down. On the edge of the side shelf with four holes, install the tool hooks into each hole along the edge. Tool hooks will secure to the self-clinching nut that is pre-mounted on the inside.
- Next, remove the pre-mounted screws from the side shelf handle. On the short side with two holes, hand-tighten the screw (from the inside) into the handle. Repeat for the other end of the handle. Note illustration 10A.



- Last, remove the two pre-mounted screws for the bottle opener, and re-install on the corner of the side shelf. Note illustration 10B.

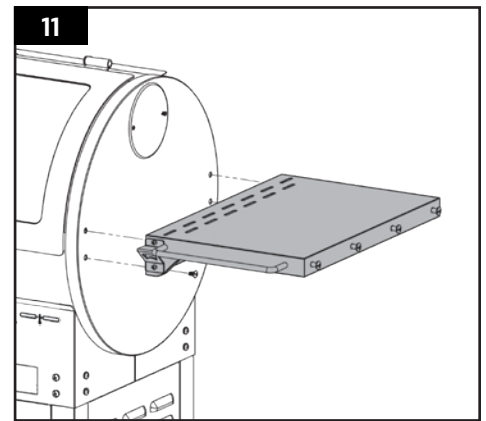
## 11. MOUNTING THE SIDE SHELF

### Installation:

- Remove the four pre-mounted screws from the side of the main barrel.
- From underneath, secure the side shelf to the side panel of the main barrel using the four screws previously removed.

**NOTE: Do not tighten any screws completely until all screws have been installed. Once all screws are installed, then tighten securely.**

**IMPORTANT: Avoid using the side shelves to move or lift the grill. The weight of the unit will cause the side shelf to break, which is not covered by warranty.**



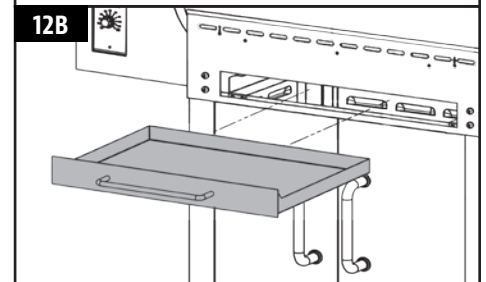
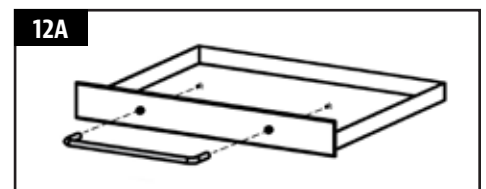
## 12. INSTALLING THE GREASE TRAY

### Parts Required:

- 1 x Grease Tray (#13)
- 1 x Grease Tray Handle (#16)

### Installation:

- Remove the pre-mounted screws from the side shelf handle. On the edge of the grease tray with two holes, align the handle with the holes, then hand-tighten the screw (from the inside) into the handle. Note 12A.
- Slide the grease tray into the tray opening on the front panel of the unit. The grease tray is completely inserted once the front of the tray is flush with the front panel of the unit. Note 12B.



## 13. SECURING THE CHIMNEY

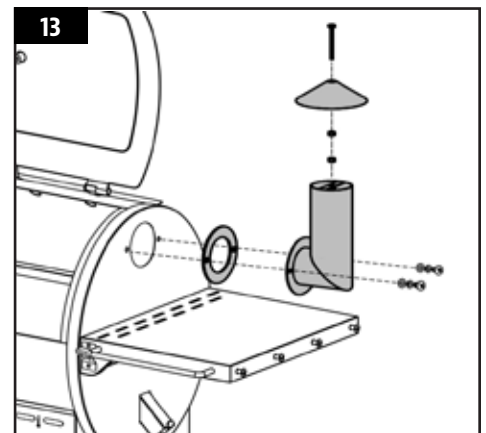
### Parts Required:

- 1 x Chimney Gasket (#4)
- 1 x Chimney Cap Assembly (#5)
- 1 x Chimney Stack (#6)

### Installation:

- Locate the chimney opening on the side of the main barrel. Remove the pre-installed two screws, locking washers, and washers.
- From the outside of the main barrel, secure the chimney gasket and chimney stack to the side panel by re-installing the two screws, locking washers, and washers. The screw will fasten to the pre-mounted nut on the inside of the barrel.
- Next, secure the chimney cap onto the top of the chimney stack with the screw and nut as shown.

**NOTE: Adjust the chimney cap to affect the airflow inside the main grill. If cooking at low temperature, keep the cap more open. Ensure the chimney cap allows for air to escape.**



## 14. INSTALLING THE COOKING COMPONENTS

### Parts Required:

- 3 x Cooking Grids (#2)
- 1 x Upper Cooking Rack (#1)
- 1 x Flame Broiler Main Plate (#10)
- 1 x Flame Broiler Slider (#9)

### Installation:

- Insert the flame broiler main plate into the main grill. Rest the flame broiler main plate on the built-in ledge (on the inside right) of the main grill that directs grease towards the grease bucket. Slide the entire piece to the left side, and the two slots on the flame broiler main plate will fit into the rounded ledge above the burn pot. It will sit slightly at a downward angle. Note illustration 14A.

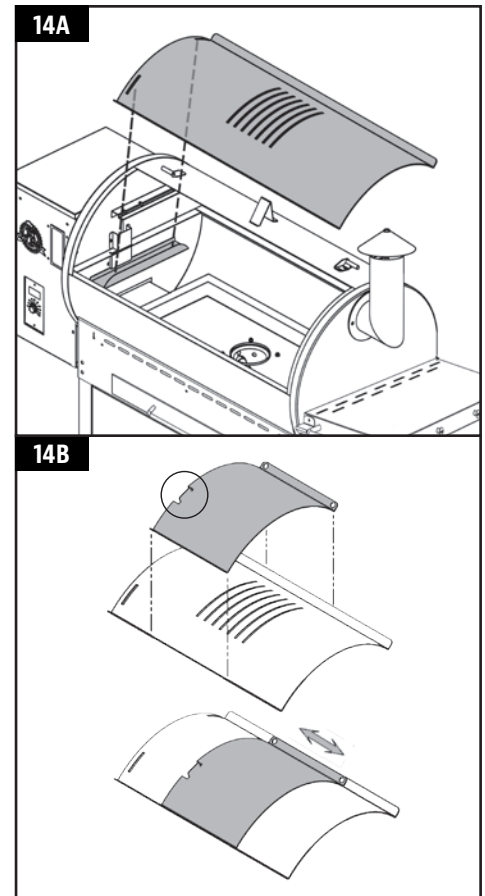
**NOTE: If the main plate is on the base of the barrel, it is installed incorrectly.**

- Place the flame broiler slider on top of the flame broiler main plate, covering the slotted openings. Ensure the raised tab is on the left, to easily adjust for direct or indirect flame when cooking. Note illustration 14B.

**NOTE: When the flame broiler slider is open, and direct flame is used while cooking, do not leave the grill unattended for any period of time.**

- Place the cooking grids, side-by-side, on the grid ledge inside the main grill. Place the upper cooking rack on the upper ledge inside the main grill. The cooking rack will lock into place. The unit is now completely assembled.

**NOTE: To maintain the searing and grilling performance of your cooking grids, regular care and maintenance is required.**

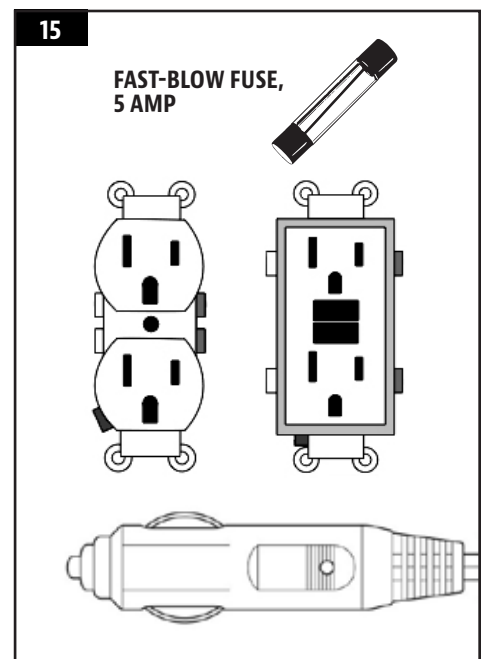


## 15. CONNECTING TO A POWER SOURCE

**NOTE: Before plugging your Pit Boss into any electrical outlet, ensure the temperature dial is in the OFF position.**

- **STANDARD OUTLET**  
This appliance requires 110 volt, 60hz, 275w, 5 amp service. It must be a 3-prong grounded plug. Ensure grounded end is not broken off before use. The control uses a 5 amp, 120 volt, fast-blow fuse to protect the board from the igniter.
- **GFCI OUTLETS**  
This appliance will work on most GFCI outlets, with a recommended size of 15 amp service. If your GFCI outlet is highly sensitive to power surges, it will likely trip during the start-up phase of operation. During the start-up phase, the igniter draws 200-700 watts of electricity which can be too much power for a GFCI outlet to handle. Each time it trips, it increases in sensitivity. If the GFCI keeps tripping, replace the outlet or change to a non-GFCI outlet.
- **ON THE ROAD**  
Disconnect the igniter from the main wiring harness. Use the manual start-up procedure. A Pit Boss unit can operate using a 12 volt, 100 watt inverter plugged into your automobile outlet. To use the automatic igniter, it is recommended to use a minimum of a 1000 watt inverter.

**IMPORTANT: Disconnect unit from power source when not in use.**



# OPERATING INSTRUCTIONS

*With today's lifestyle of striving to eat healthy and nutritious foods, one factor to consider is the importance of reducing fat intake. One of the best ways to cut down on fat in your diet is to use a low fat method of cooking, such as grilling. As a pellet grill uses natural wood pellets, the savory wood flavor is cooked into the meats, reducing the need for high sugar content sauces. Throughout this manual, you will notice the emphasis on grilling food slowly at LOW or MEDIUM temperature settings.*

## GRILL ENVIRONMENT

### 1. WHERE TO SET-UP THE GRILL

With all outdoor appliances, outside weather conditions play a big part in the performance of your grill and the cooking time needed to perfect your meals.

All Pit Boss units should keep a minimum clearance of 305mm (12 inches) from combustible constructions, and this clearance must be maintained while the grill is operational. This appliance must not be placed under overhead combustible ceiling or overhang. Keep your grill in an area clear from combustible materials, gasoline and other flammable vapors and liquids.

### 2. COLD WEATHER COOKING

As it becomes cooler outside, that does not mean that grilling season is over! The crisp cool air and heavenly aroma of smoked foods will help cure your winter blues.

Follow these suggestions on how to enjoy your grill throughout the cooler months:

- If smoking at low temperatures fails, increase the temperature slightly to achieve the same results.
- Organize – Get everything you require ready in the kitchen before you head outdoors. During the winter, move your grill to an area that is out of the wind and direct cold. Check local bylaws regarding the proximity of your grill in relation to your home and/or other structures. Put everything you need on a tray, bundle up tight, and get it done!
- To help keep track of the outside temperature, place an outdoor thermometer close to your cooking area. Keep a log or history of what you cooked, the outdoor temperature, and the cooking time. This will help later down the road to help you determine what to cook and how long it will take.
- In very cold weather, increase your preheating time by at least 20 minutes.
- Avoid lifting the lid any more than necessary. Cold gusts of wind can completely cool your grill temperature. Be flexible with your serving time; add about 10 – 15 minutes extra cooking time each time you open the lid.
- Have a heated platter or a dish cover ready to keep your food warm while making the trip back inside.
- Ideal foods for winter cooking are those that require little attention, such as roasts, whole chickens, ribs, and turkey. Make your meal preparation even easier by adding simple items such as vegetables and potatoes.

### 3. HOT WEATHER COOKING

As it becomes warmer outdoors, the cooking time will decrease.

Follow these few suggestions on how to enjoy your grill throughout the hot months:

- Adjust your cooking temperatures downward. This helps to avoid unwanted flare-ups.
- Use a meat thermometer to determine the internal temperature of your foods. This helps in preventing your meat from over cooking and drying out.
- Even in hot weather it is still better to cook with the lid of your grill down.
- You can keep foods hot by wrapping them in foil, and placing them in an insulated cooler. Stuff crumpled up newspaper around the foil and this will keep food hot for 3 to 4 hours.

## GRILL TEMPERATURE RANGES

**Temperature readouts on the control board may not exactly match the thermometer. All temperatures listed below are approximate and are affected by the following factors: outside ambient temperature, the amount and direction of wind, the quality of pellet fuel being used, the lid being opened, and the quantity of food being cooked.**

- **HIGH TEMPERATURE (205-315°C / 401-599°F)**

This range is best used to sear and grill at a high heat. Use in tandem with the flame broiler (slide plate) for indirect or direct flame cooking. With the **flame broiler open**, direct flame is used to create those “blue” steaks, as well as flame-kissed vegetables, garlic toast or s’mores! When the **flame broiler is closed**, the air circulates around the barrel, resulting in convection heat. High temperature is also used to preheat your grill, burn-off the cooking grids, and to achieve high heat in extreme cold weather conditions.

- **MEDIUM TEMPERATURE (135-180°C / 275-356°F)**

This range is best for baking, roasting, and finishing off that slow smoked creation. Cooking at these temperatures will greatly reduce the chances of a grease flare-up. Ensure that the flame broiler slider is in the closed position, covering the slotted openings. Great range for cooking anything wrapped in bacon, or where you want versatility with control.

- **LOW TEMPERATURE (80-125°C / 176-257°F)**

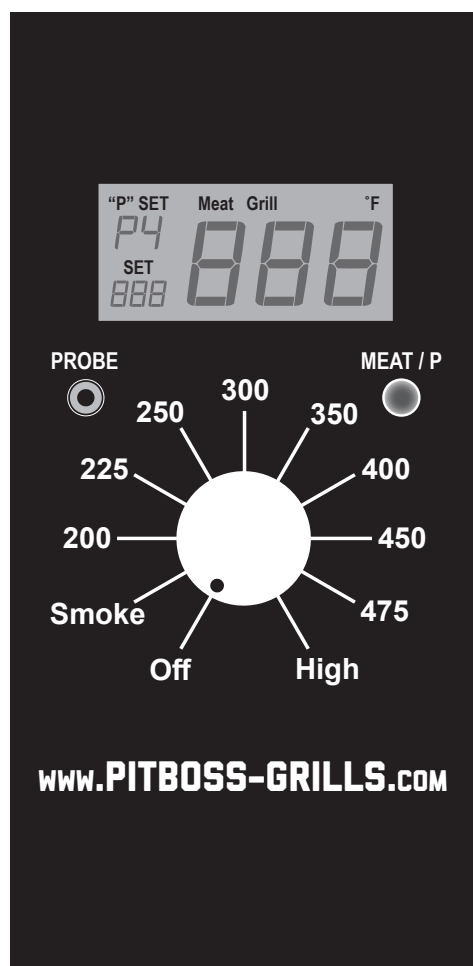
This range is used to slow roast, increase smoky flavor, and to keep foods warm. Infuse more smoke flavor and keep your meats juicy by cooking longer at a lower temperature (also known as **low and slow**). Highly recommended for the big turkey at Thanksgiving, juicy ham at Easter, or the huge holiday feast.




Smoking is a variation on true barbecuing and is truly the main advantage of grilling on a wood pellet grill. **Hot smoking**, another name for **low and slow** cooking, is generally done between 80-125°C / 176-257°F. Hot smoking works best when longer cooking time is required, such as large cuts of meats, fish, or poultry.

**TIP: To intensify that savory flavor, switch to SMOKE (low) temperature range immediately after putting your food on the grill. This allows the smoke to penetrate the meats.**

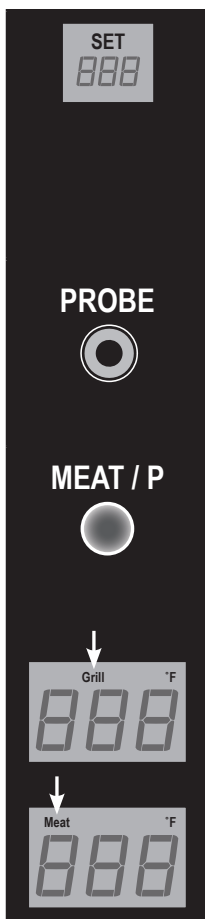
The key is to experiment with the length of time you allow for smoking, before the meal is finished cooking. Some outdoor chefs prefer to smoke at the end of a cook, allowing the food to keep warm until ready to serve. Practice makes perfect!

## UNDERSTANDING THE CONTROL BOARD



| CONTROL   | DESCRIPTION   |
|---|---|
|  | The <b>Temperature Control Dial</b> allows you to set your desired smoking temperature. Rotate the knob to select from Smoke, any of the eight temperature presets, or High.  |
| Off   | The <b>Off Setting</b> on the Temperature Control Dial is the off mode for the unit. The unit will not function on this setting.  |
| Smoke   | The <b>Smoke Setting</b> on the Temperature Control Dial is the start-up mode for the unit. The grill operates at the lowest temperature, without the fire going out.   |
| High  | The <b>High Setting</b> on the Temperature Control Dial is the highest heat level for the unit. The grill operates at the highest temperature. When the lid is open, the grill will run at this speed to compensate for the loss of heat in the barrel.   |
|  | The <b>LED Screen</b> is used as the information center for your unit. The LED screen will display your desired cook temperature (SET), actual cook temperature (Grill), meat probe temperature (Meat), and the "P" setting selected ("P" SET). Grill temperature is displayed in 5 degree (°F) increments. See <b>Troubleshooting</b> for more information on error codes. |
|  |   |
| READOUT   | DESCRIPTION   |
| 888   | Displays once connected to AC power.  |
| Flashing  | Grill temperature is below 66°C / 150°F.  |
| Flashing ...  | Indicates the igniter is on.  |
| "P" SET   | Indicates the current "P" setting selected.   |





|     |  |
|-----|--|
| SET | Indicates the desired cooking temperature. |
| ErH | The grill has overheated.                  |
| ErR | Temperature probe wire not connecting.     |
| ErP | Power interruption while in operation.     |
| noP | No Meat Probe is connected                 |

The plug-in connection port on the front of the Control Board is for a **Meat Probe**. When a meat probe is connected, the temperature is displayed on the LED Screen. When the meat probe is not in use, disconnect the adapter from the connection port. *Includes one (1) meat probe.*

The **Meat / P Button** is used to select one of the eight temperature fine tunings. Use this feature to change the "P" setting to accommodate to your cooking style and cooking environment, as preferred. With a short push of the button, the setting increases from P0 to P7, then repeats. Adjustments are best made when the Temperature Control Dial is set to Smoke, which allows for manual control of the pellet feed system. Default setting is "P4".

The **Meat / P Button** is also used to display the **Meat Probe Temperature**. Press and hold the button for five seconds to switch from displaying the actual cooking temperature (Grill) to the meat probe temperature (Meat). Press and hold the button again for five seconds to revert back to displaying the actual cooking temperature (Grill). Default setting is "Grill".

## UNDERSTANDING THE "P" SETTING

The main benefit to the "P" SET (setting) is that it allows the chef to have fine tuned (manual) control of their grill to compensate for ambient temperature, humidity, wind, environmental changes, pellet fuel type and quality.

When the **Meat / P Button** is pushed, the "P" setting displayed on the LED screen will flash and change to the next value (upward). Once P7 is reached, it will restart at P0. There are eight "P" settings, ranging from P0 to P7.

**IMPORTANT: Do not push the Meat / P Button too hard, as this may cause damage. Only a light push is needed.**

| "P" SET    | AUGER CYCLE (seconds) |            |
|------------|-----------------------|------------|
|            | ON                    | OFF        |
| P0         | 18                    | 55         |
| P1         | 18                    | 70         |
| P2         | 18                    | 85         |
| P3         | 18                    | 100        |
| <b>*P4</b> | <b>18</b>             | <b>115</b> |
| P5         | 18                    | 130        |
| P6         | 18                    | 140        |
| P7         | 18                    | 150        |

*\*default setting*

### 1. USING THE "P" SETTING IN SMOKE MODE

Anytime the temperature dial is set to SMOKE, such as the **start-up cycle**, the auger will run on more of a manual mode of cooking versus using one of the preset dial temperatures.

First, the auger will continuously turn and feed pellets for four minutes. After four minutes, the auger begins to run a feed cycle based on the "P" setting selected on the Digital Control Board. The default setting is P4.

- **MORE SMOKE FLAVOR, LESS HEAT** (↑ "P" SETTING / ↓ FUEL FEED)

When hot smoking – increasing the infusion of more natural wood flavor – increase the "P" setting to allow for longer cycles between auger feeds. This results in keeping a lower temperature output, which increases cook time (also known as **low and slow**). This results in a deeper **smoke ring** and more smoke flavor. Care must be taken when using the higher "P" settings, such as P6 or P7, as this could result in the fire going out in the burn pot.

- **LESS SMOKE FLAVOR, MORE HEAT** (↓ "P" SETTING / ↑ FUEL FEED)

A lower "P" setting will result in a higher grill temperature output and higher pellet consumption due to more frequent cycles.

**IMPORTANT:** When selecting a Smoke setting after a temperature dial preset (such as preheating at high heat), the auger will continuously turn and feed pellets for four minutes. This will momentarily raise the temperature, but temperature will decrease and stabilize once the "P" setting cycle begins (approximately five to ten minutes).

## 2. USING THE "P" SETTING WITH A TEMPERATURE DIAL PRESET

Anytime the temperature dial is set to one of the Temperature Control Dial presets (95-245°C / 200-475°F), the auger will run on a controlled setting of pellet feeding to maintain the preset temperature selected.

Once the grill has preheated on Smoke, select the desired temperature using the temperature dial presets. The auger will begin to run continuously until the desired preset temperature is reached. Once reached, the auger will run a feed cycle based on the "P" setting selected on the Digital Control Board, aiming to hold at the preset temperature selected.

**NOTE:** When using a temperature dial preset, lowering the "P" setting, such as P1, will decrease large fluctuations in temperature. Similar to a campfire, fueling the burn pot (fire) more frequently will result in less heat fluctuation.

## HOPPER PRIMING PROCEDURE

These instructions should be followed the first time the grill is ignited, and each time the grill runs out of pellets in the hopper:

1. Remove all cooking components from the interior of the grill.
2. Open the hopper lid. Make sure there are no foreign objects in the auger or hopper.
3. With the **Temperature Control Dial** to the Off position, plug the power cord into a power source.
4. Turn the **Temperature Control Dial** to the Smoke position. Check the following items:
  - That the auger is turning. Do not place fingers or objects in the auger tube. This can cause injury.
  - Place your hand above the fire pot and feel for air movement. Do not place your hand or fingers inside the fire pot. This can cause injury.
  - After approximately a minute, you should smell the igniter burn off and begin to feel the air getting warmer. The igniter tip does not glow red hot. Do not touch the igniter. This item gets extremely hot and will burn.
5. Turn the **Temperature Control Dial** to Off.
6. Fill the hopper with all natural barbecue wood pellets.
7. Turn the **Temperature Control Dial** to Smoke. Wait approximately 3 minutes for the pellets to start dropping into the firepot from the auger tube. Once pellets begin to drop into the fire pot, turn the **Temperature Control Dial** to Off.
8. After grill has cooled, re-install the cooking components into grill. The grill is now ready to use.

## FIRST USE – GRILL BURN-OFF

Once your hopper has been primed and before cooking on your grill for the first time, it is important to complete a grill burn-off. Start the grill and operate at high heat (over 233°C / 451°F) with the lid down for 30 to 40 minutes to burn-off the grill and rid it of any foreign matter.

## PREHEATING

It is important to allow your grill to preheat before every cook session. This allows the grill and cooking grids to heat up quicker, kill off bacteria and other pathogens leftover from past grill sessions, and the grill is then able to maintain its cooking temperature once your food is placed in the cooking area. **Preheat with the lid closed.**

**IMPORTANT:** The outside ambient temperature, weather conditions, and quality of wood pellets will all affect your cooking temperature. Observe the time it takes to reach your desired temperature, and adjust your cooking time as needed.

## AUTOMATIC START-UP PROCEDURE

1. Ensure the **Temperature Control Dial** is in the Off position. Plug the power cord into a grounded power source.
2. Check burn pot to ensure there is no obstruction for proper ignition. Open the hopper lid. Ensure there are no foreign objects in the hopper or auger feed system. Fill hopper with dry, barbecue hardwood pellets.
3. Open the barrel lid. **The lid must remain open during the start-up cycle.**

4. Turn the **Temperature Control Dial** to Smoke. This will activate the start-up cycle. The auger feed system will begin to turn, the igniter will begin to glow and the fan will supply air to the fire pot. The grill will produce smoke while the start-up cycle is taking place. The pellets will have ignited once the smoke has cleared. To confirm the start-up cycle has begun properly, listen for a torchy roar, and notice some heat being produced.
5. Preheat your grill. Close the lid. Turn the **Temperature Control Dial** to 177°C / 350°F, to allow the unit to preheat for approximately 15 to 20 minutes.
6. After preheating is complete, you are ready to enjoy your grill!

**IMPORTANT: When selecting a Smoke setting after a Temperature Control Dial preset (such as preheating at high heat), the auger will continuously turn and feed pellets for four minutes. This will momentarily raise the temperature, but temperature will decrease and stabilize once the "P" setting cycle begins (approximately five to ten minutes).**

#### **IGNITER FAILURE PROCEDURE**

**If for any reason your electric igniter fails, check the following steps, or start your grill using the manual method.**

1. Turn the **Temperature Control Dial** to the Off position. Open the lid. Remove the cooking components from the grill. Remove all unburnt pellets and ash from the burn pot. Avoid touching the igniter to avoid injury, as it will be extremely hot.
2. Once all parts are removed and cleaned, turn the **Temperature Control Dial** to Smoke. Check the following:
  - Visually confirm that the igniter is working by placing your hand above the burn pot and feeling for heat.
  - Visually confirm that the igniter is protruding approximately 13mm / 0.5 inches in the burn pot.
  - Visually confirm that the auger is dropping pellets into the burn pot.
  - Confirm that the combustion fan is working by listening for it.
3. If any of the above points are not working, follow ***Troubleshooting*** instructions.

#### **MANUAL START-UP PROCEDURE**

1. Ensure the **Temperature Control Dial** to the Off position. Plug the power cord into a grounded power source.
2. Open the hopper lid. Ensure there are no foreign objects in the hopper or auger feed system. Fill hopper with dry, all natural hardwood barbecue pellets.
3. Open the barrel lid. Remove the cooking components to expose the burn pot. Check burn pot to ensure there is no obstruction for proper ignition. Place a generous handful of pellets into the burn pot. Squirt a gelled fire starter, or other appropriate pellet starter, over the top of the pellets. A small amount of solid fuel fire starter, such as one composed of sawdust and wax, or wood shavings, is also appropriate. Add another small amount of pellets over the burn pot.

**NOTE: Do not use spirit, petrol, gasoline, lighter-fluid or kerosene for lighting or refreshing a fire in your grill.**

4. Light the contents of the burn pot using a long match or long-nosed lighter. Allow the starter to burn for 3 to 5 minutes. Do not attempt to add more starter into the burn pot. This can cause injury.
5. Quickly and carefully replace the cooking components to the inside of the barrel. **The lid must remain open during the start-up cycle.**
6. Continue start-up by following steps four through six of ***Automatic Start-Up Procedure***.

#### **SHUTTING OFF YOUR GRILL**

1. When finished cooking, turn the **Temperature Control Dial** to 177°C / 350°F and close the lid. Let your grill run for 5 to 10 minutes to go through its normal cleaning method. If you have been preparing foods that are extra greasy, allow the grill to burn-off for an extra 10 to 20 minutes. This will reduce the chance of causing a grease fire for the next start-up.
2. Once the grill burn-off is complete, keep the lid closed and turn the **Temperature Control Dial** down to 93°C / 200°F for five minutes to allow any pellets to burn out.
3. After five minutes, with the lid remaining closed, turn the **Temperature Control Dial** to the Off position. The auger system will stop feeding fuel and the flame will burn out, and the fan will continue to run until the cool-down cycle is complete.

# CARE AND MAINTENANCE

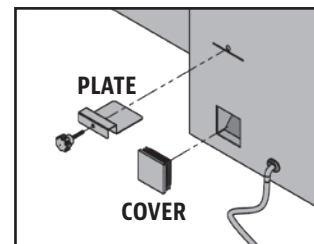
Any Pit Boss unit will give you many years of flavorful service with minimum cleaning. An important step is allowing the grill and cooking grids to self-clean by running the grill at a high temperature for 5 to 10 minutes after each use. Follow these cleaning and maintenance tips to service your grill:

## 1. HOPPER ASSEMBLY

- The hopper includes a clean-out feature to allow for ease of cleaning and change out of pellet fuel flavors. To empty, locate the plate and the cover of the drop chute on the back side of the hopper. Place a clean, empty pail under the drop chute cover, then remove the cover piece. Unscrew the plate, slide outwards, and pellets will empty.

**NOTE: Use a long handled brush or shop-vac to remove excess pellets, sawdust, and debris for a complete clean-out through the hopper screen.**

- Check and clean off any debris from the fan air intake vent, found on the bottom of the hopper. Once the hopper access panel is removed (see **Electric Wire Diagram** for diagram), carefully wipe off any grease build-up directly on the fan blades. This ensures airflow is sufficient to the feed system.



## 2. PROBES

- Kinks or folds in the probe wires may cause damage to the part. Wires should be rolled up in a large, loose coil.
- Although the probes are stainless steel, do not place in the dishwasher or submerge in water. Water damage to the internal wires will cause the probe to short-out, causing false readings. If a probe is damaged, it should be replaced.

## 3. INSIDE SURFACES

- It is recommended to clean your burn pot after every few uses. This will ensure proper ignition and avoid any hard build-up of debris or ash in the burn pot.
- Use a long-handled grill cleaning brush, remove any food or build-up from the cooking grids. Best practice is to do this while they are still warm from a previous cook. Grease fires are caused by too much fallen debris on the cooking components of the grill. Clean the inside of your grill on a consistent basis. In the event you experience a grease fire, keep the grill lid closed to choke out the fire. If the fire does not go out quickly, carefully remove the food, turn the grill off, and shut the lid until the fire is completely out. Lightly sprinkle baking soda, if available.
- Check your grease tray often, and clean out as necessary. Keep in mind the type of cooking you do.

**IMPORTANT: Due to high heat, do not cover the flame broiler or probes with aluminum foil.**

## 4. OUTSIDE SURFACES

- Wipe your grill down after each use. Use warm soapy water to cut the grease. Do not use oven cleaner, abrasive cleansers or abrasive cleaning pads on the outside grill surfaces. **All painted surfaces are not covered under warranty**, but rather are part of general maintenance and upkeep. For paint scratches, wearing, or flaking of the finish, all painted surfaces can be touched up using high heat BBQ paint.
- Use a grill cover to protect your grill for complete protection! A cover is your best protection against weather and outside pollutants. When not in use or for longterm storage, keep the unit under a cover in a garage or shed.

### CLEANING FREQUENCY TIME TABLE (NORMAL USE)

| ITEM                 | CLEANING FREQUENCY       | CLEANING METHOD   |
|----------------------|--------------------------|---|
| Bottom of Main Grill | Every 5-6 Grill Sessions | Scoop Out, Shop-Vac Excess Debris                       |
| Burn Pot             | Every 2-3 Grill Sessions | Scoop Out, Shop-Vac Excess Debris                       |
| Cooking Grids        | After Each Grill Session | Burn Off Excess, Brass Wire Brush                       |
| Flame Broiler        | Every 5-6 Grill Sessions | Scrape Main Plate with Slider, <b>Do Not Wash Clean</b> |
| Grease Tray          | After Each Grill Session | Scrub Pad & Soapy Water                                 |
| Auger Feed System    | When Pellet Bag is Empty | Allow Auger to Push Out Sawdust, Leaving Hopper Empty   |

|                            |                          |   |
|----------------------------|--------------------------|---|
| Hopper Electric Components | Once A Year              | Dust Out Interior, Wipe Fan Blades with Soapy Water |
| Air Intake Vent            | Every 5-6 Grill Sessions | Dust, Scrub Pad & Soapy Water                       |
| Probes                     | Every 2-3 Grill Sessions | Scrub Pad & Soapy Water                             |

## USING WOOD PELLET FUEL

They appear no thicker than the eraser on the end of a pencil. People who see them for the first time think they look like rabbit food; however, there is nothing small about the heat or flavor in barbecue wood pellet fuel. These clean-burning barbecue wood pellets generate about 8200 BTU's per pound with very little ash, a low moisture content (5-7%), and are carbon neutral.

Barbecue wood pellets are produced by pure raw material (sawdust) being pulverized with a hammer-mill, and the material is pushed through a die with pressure. As the pellet is forced through the die, it is cut, cooled, screened, vacuumed, and then bagged for consumer use. Check with your local dealer for flavors available in your area.

### FLAVOR GUIDELINES

- **HICKORY BLEND**   
Rich, smoky bacon-like flavor. Considered the "Kings of the Woods"
- **MESQUITE BLEND**   
Strong, tangy, spicy flavor. Think Tex-Mex cuisine.
- **APPLE BLEND**   
Smoky, mild sweetness flavor. Highly recommended for baking.
- **CHERRY BLEND**   
Slightly sweet, but also tart. Gives a rosy tint to light meals.
- **WHISKEY BARREL BLEND**   
Strong, sweet smoke with aromatic tang. Perfect for red meats.
- **COMPETITION BLEND**   
Perfect blend of sweet, savory, and tart. Used by many professional grillers.

**NOTE: Always store wood pellets in a dry area. Avoid any contact or exposure to moisture will result in lower heat output or cause the pellets to swell and break apart. Use a moisture proof, resealable tub or bucket for proper storage.**

## COOKING GUIDELINES

Smoking and grilling styles of cooking can give you different results based on time and temperature. For best results, keep a record of what you cooked, at what temperature, how long you cooked for, and the results. Adjust to your taste for the next time. Practice makes perfect.

The culinary art of hot smoking refers to longer cooking times, but results in more natural wood flavor (and a sought-after Pink Ring) in your meats. Higher cooking temperatures result in a shorter cooking time, locking in less smoke flavor.



**TIP:** For best results, allow time for meats to rest after cooking. This allows the natural juices to migrate back into the meat fiber, giving a much juicier, flavorful cut. Resting times can be as little as 3 minutes and up to 60 minutes, depending on the size of the protein.

| STYLE OF COOKING  | HOT SMOKING<br>(Very Low) | ROAST<br>(Low)           | BAKING<br>(Medium)       | GRILL/BAKE<br>(Medium/High) | SEAR<br>(High)           |
|-------------------|---------------------------|--------------------------|--------------------------|-----------------------------|--------------------------|
| Temperature Range | 93-135°C /<br>199-275°F   | 135-162°C /<br>275-323°F | 162-190°C /<br>323-374°F | 190-232°C /<br>374-449°F    | 232-260°C /<br>449-500°F |

| BEEF  | SIZE  | HEAT        | APPROXIMATE COOKING TIME   |                       |                          |
|---|---|-------------|--|-----------------------|--------------------------|
|   |   |             | Rare - 54°C / 130°F  | Medium - 60°C / 140°F | Well Done - 65°C / 150°F |
| <b>Steak</b><br>(New York, Porter-house, Rib-eye, Sirloin, T-bone, or Tenderloin) | 1.9 cm / ¾"<br>2.5 cm / 1"<br>3.8 cm / 1½"<br>5 cm / 2" | High        | Sear 8-10 minutes<br>Sear 10-12 minutes<br>Sear 10 minutes, grill 8-10 minutes<br>Sear 10 minutes, grill 10-14 minutes |                       |                          |
| <b>Skirt Steak</b>  | 0.6 - 12.7 cm / ¼" - ½"                                 | High        | 5-7 minutes  |                       |                          |
| <b>Flank Steak</b>  | 0.45 - 0.86 kg / 1 - 1½ lbs., 1.9 cm / ¾"               | Medium      | Sear 4 minutes, grill 8-10 minutes   |                       |                          |
| <b>Kabob</b>  | 2.5 - 3.8 cm / 1 - 1½" cubes                            | Medium      | Grill 10 - 12 minutes  |                       |                          |
| <b>Tenderloin, whole</b>  | 1.58 - 1.81 kg / 3½ - 4 lbs.                            | High/Medium | Sear 10 minutes, grill 15-20 minutes   |                       |                          |
| <b>Ground Beef Patty</b>  | 1.9cm / ¾"  | High/Medium | Sear 4 minutes, grill 4-6 minutes  |                       |                          |
| <b>Rib-eye Roast, boneless</b>  | 2.26 - 2.72 kg / 5 - 6 lbs.                             | Medium      | 1½ - 2 hours   |                       |                          |
| <b>Tri-tip Roast</b>  | 0.9 - 1.13 kg / 2 - 2½ lbs.                             | High/Medium | Sear 10 minutes, grill 20-30 minutes   |                       |                          |
| <b>Rib Roast</b>  | 5.44 - 6.35 kg / 12 - 14 lbs.                           | Medium      | 2½ - 2¾ hours  |                       |                          |
| <b>Veal Loin Chop</b>   | 2.5cm / 1"  | Medium      | 10 - 12 minutes direct   |                       |                          |
| <b>Brisket</b>  | 7.25 - 3.62 kg / 16 -18 lbs.                            | Hot Smoke   | Cook until internal temperature reaches 91°C / 195°F   |                       |                          |

| PORK   | SIZE  | Precooked to Reheat<br>60°C / 140°F  | Medium<br>66°C / 150°F             | Well Done<br>71°C / 160°F                       |
|--|---|--|------------------------------------|---|
| <b>Ham</b><br>(Fully Cooked & Boneless Portion, Smoked Picnic Whole & Bone-In) | 2.5 cm / 1"<br>1.36-1.81 kg / 3-4 lbs.<br>1.81-2.72 kg / 4-6 lbs.<br>2.26-3.62 kg / 5-8 lbs.<br>4.53-5.44 kg / 10-12 lbs. | 12 minutes<br>50 minutes - 1 hour<br>1 - 2 hours<br>1 - 2½ hours<br>2 - 2¾ hours |                                    |   |
| <b>Loin Roast</b>  | 1.36-1.81 kg / 3 - 4 lbs.   |  | 1 - 2 hours                        | 2 - 3 hours                                     |
| <b>Rib Crown Roast</b>   | 1.81-2.26 kg / 4 - 5 lbs.   |  | 1½ - 2 hours                       | 2 - 3 hours                                     |
| <b>Chop</b><br>(loin, rib)   | 1.9-2.5 cm / ¾" - 1"<br>3.1-3.9 cm / 1¼" - 1½"  |  | 10 - 12 minutes<br>14 - 18 minutes |   |
| <b>Tenderloin</b>  | 1.9-2.5 cm / ¾" - 1"  |  | 20 - 30 minutes                    | 30 - 45 minutes                                 |
| <b>Loin Roast, boneless</b>  | 1.36-2.26 kg / 3-5 lbs.   |  | 1¼ - 1¾ hours                      | 1¾ - 2½ hours                                   |
| <b>Boston Butt</b><br>(Pork Shoulder)  | 3.62-4.53 kg / 8-10 lbs.  |  |                                    | 93 - 98°C / 200 - 210°F<br>Internal Temperature |

## TIPS & TECHNIQUES

Follow these helpful tips and techniques, passed on from Pit Boss owners, our staff, and customers just like you, to become more familiar with your grill:

### 1. *FOOD SAFETY*

- Keep everything in the kitchen and cooking area clean. Use different platters and utensils for the cooked meat than the ones you used to prepare or transport the raw meat out to the grill. This will prevent cross contamination of bacteria. Each marinade or basting sauce should have its own utensil.
- Keep hot foods hot (above 60°C / 140°F), and keep cold foods cold (below 3°C / 37°F).
- A marinade should never be saved to use at a later time. If you are going to use it to serve with your meat, be sure to bring it to a boil before serving.
- Cooked foods should not be left out in the heat for more than an hour. Do not leave hot foods out of refrigeration for more than two hours.
- Defrost and marinade meats by refrigeration. Do not thaw meat at room temperature or on a counter top. Bacteria can grow and multiply rapidly in warm, moist foods. Wash hands thoroughly with hot, soapy water before starting any meal preparation and after handling fresh meat, fish and poultry.

### 2. *COOKING PREPARATION*

- When switching from a high temperature to a low temperature, lift the lid and leave it open until the actual temperature is close to your desired temperature. This speeds up the process and ensures the fire will not go out.
- Be prepared, or ***Mise en Place***. This refers to preparing the cooking recipe, fuel, accessories, utensils, and all ingredients you require at grill side before you start cooking. Also, read the entire recipe, start to finish, before lighting the grill.
- A BBQ floor mat is very useful. Due to food handling accidents and cooking spatter, a BBQ floor mat would protect a deck, patio, or stone platform from the possibility of grease stains or accidental spills.

### 3. *GRILLING TIPS AND TECHNIQUES*

- To infuse more smoke flavor into your meats, cook longer and at lower temperatures (also known as ***low and slow***). Meat will close its fibers after it reaches an internal temperature of 49°C / 120°F. Misting, or mopping, are great ways to keep meat from drying out.
- While searing your meats, cook with the lid down. Always use a meat thermometer to determine the internal temperature of the foods you are cooking. Smoking foods with hardwood pellets will turn meats and poultry pink. The band of pink (after cooking) is referred to as a ***smoke ring*** and is highly prized by outdoor chefs.
- Sugar-based sauces are best applied near the end of cooking to prevent burning and flare-ups.
- Leave open space between the foods and the extremities of the barrel for proper heat flow. Food on a crowded grill will require more cooking time.
- Use a set of long-handled tongs for turning meats, and a spatula for turning burgers and fish. Using a piercing utensil, such as a fork, will prick the meat and allow the juices to escape.
- Foods in deep casserole dishes will require more time to cook than a shallow baking pan.
- It's a good idea to put cooked food onto a heated platter, keeping the food warm. Red meats, such as steak and roasts, benefit from resting for several minutes before serving. It allows the juices that were driven to the surface by heat to ease back to the center of the meat, adding more flavor.

# TROUBLESHOOTING

Proper cleaning, maintenance and the use of clean, dry, quality fuel will prevent common operational problems. When your Pit Boss grill is operating poorly, or on a less frequent basis, the following troubleshooting tips may be helpful.

For FAQ, please visit [www.pitboss-grills.com](http://www.pitboss-grills.com) and click SUPPORT. You may also contact your local Pit Boss authorized dealer or contact Customer Service for assistance.

**WARNING: Always disconnect the electrical cord prior to opening the grill for any inspection, cleaning, maintenance or service work. Ensure the grill is completely cooled to avoid injury.**

| PROBLEM                         | CAUSE   | SOLUTION  |
|---------------------------------|---|---|
| LED Screen Will Not Light Up    | Grill Is Not Properly Plugged In                                      | Ensure grill is plugged into a working power source. Remove hopper access panel (see <b>Electric Wire Diagram</b> for diagram), and ensure all wire connections are firmly connected.   |
|                                 | The Fuse On The Circuit Board Has Blown Out                           | Remove the two screws on the front facing panel of the hopper, above and below the Digital Control Board. Lift up slightly, and carefully pull it forward. Check the fuse for a broken wire or if the wire has turned black. If yes, fuse needs to be manually replaced.  |
|                                 | The GFCI Outlet Has Been Tripped                                      | Remove hopper access panel (see <b>Electric Wire Diagram</b> for diagram), and ensure all wire connections are firmly connected and dry. Ensure GFCI is a minimum 10 Amp service.   |
|                                 | Temperature Control Dial Position                                     | Temperature control dial is still in the OFF position. Turn temperature control dial to SMOKE to start-up the unit. The LCD screen will light up.   |
| Fire in Burn Pot Will Not Light | Auger Not Primed  | Before the unit is used for the first time <u>or</u> anytime the hopper is completely emptied out, the auger must be primed to allow pellets to fill the fire pot. If not primed, the igniter will timeout before the pellets reach the fire pot. Follow <b>Hopper Priming Procedure</b> .  |
|                                 | Auger Motor Is Jammed   | Remove cooking components from the grill barrel. Turn the temperature control dial to SMOKE, and visually inspect the auger feed system.<br><br>Remove the two screws on the front facing panel of the hopper, above and below the Digital Control Board. Lift up slightly, and carefully pull it forward. Inspect the auger feed motor rotation. Ensure the auger motor bracket is not damaged. If not operating properly, call Customer Service for a replacement part. |
|                                 | Igniter Failure   | Electric igniter needs to be replaced. Follow <b>Manual Start-up Procedure</b> to continue use of grill; however, contact Customer Service for a replacement part.  |
| "ErH" Error Code                | The Grill Has Overheated, Possibly Due To Grease Fire Or Excess Fuel. | Turn the temperature control dial to OFF, and allow grill to cool.<br><br>Follow <b>Care and Maintenance</b> instructions. After maintenance, remove pellets, and confirm positioning of all component parts. To clear the error, turn the temperature control dial to OFF, open the lid, wait 3 to 4 minutes, then select desired temperature.   |
| "ErR" Error Code                | Temperature Probe Wire Not Making Connection.                         | Remove hopper access panel (see <b>Electric Wire Diagram</b> for diagram), and check for any damage. Ensure probe wire connections are firmly connected, and connected correctly to the digital control board.  |
| "ErP" Error Code                | Unit Not Turned Off Properly When Last Connected To Power.            | Safety feature prevents an automatic restart. Turn temperature control dial to OFF, and wait two minutes. Turn temperature control dial to SMOKE or desired temperature. If error code still displayed, contact Customer Service.   |
|                                 | Power Outage While Unit In Operation.                                 |   |
| Flashing Dots on LCD Screen     | The Igniter Is On   | This is not an error that effects the grill. Used to show that the unit is in Start-Up mode. The igniter will turn off after five minutes. Once the flashing dots turn off, the grill will begin to operate at the desired temperature selected.  |

|   |   |  |
|---|---|--|
| Flashing Temperature on LCD Screen                    | Grill Temperature Is Below 65°C /150°F                      | This is not an error that effects the grill; however, it is used to show that there is some risk that the fire could go out. Check hopper for sufficient fuel or if there is an obstruction in the feed system. Remove pellets and follow <b>Care and Maintenance</b> instructions. Check grill temperature probe. Follow <b>Care and Maintenance</b> instructions if dirty. Check burn pot for ash build-up or obstructions. Follow <b>Care and Maintenance</b> instructions for ash build-up. Check fan. Ensure it is working properly and air intake is not blocked. Follow <b>Care and Maintenance</b> instructions if dirty. Check auger motor to confirm operation, and ensure there is no blockage in the auger tube. |
| Grill Temperature on SMOKE is too high                | "P" Setting Is Too Low                                      | Turn the temperature control dial to Smoke, push the Meat / P Button, and increase the "P" setting. When selecting a Smoke setting after a temperature control dial preset (such as preheating at high heat), the auger will continuously turn and feed pellets for four minutes. This will momentarily raise the temperature, but temperature will decrease and stabilize once the "P" setting cycle begins (approximately five to ten minutes).  |
| Grill displays unexpected temperature when OFF        | Grill Is Exposed To High Ambient Temperature And Direct Sun | This will not harm the grill. The internal temperature of the grill barrel has ambiently reached or exceeded 54°C / 130°F. Move the grill into a shaded area. Prop the lid open to reduce the internal temperature.  |
| Grill will not achieve or maintain stable temperature | Control Settings  | The "P" setting is too high. Lowering the "P" setting will decrease large fluctuations in temperature. Push the Meat / P Button, and decrease the "P" setting. Similar to a campfire, fueling the burn pot (fire) more frequently will result in less heat fluctuations. A lower "P" setting, such as P1, will provide the most stable temperature.  |
|   | Insufficient Air Flow Through Burn Pot                      | Check burn pot for ash build-up or obstructions. Follow <b>Care and Maintenance</b> instructions for ash build-up. Check fan. Ensure it is working properly and air intake is not blocked. Follow <b>Care and Maintenance</b> instructions if dirty. Check auger motor to confirm operation, and ensure there is no blockage in the auger tube. Once all the above steps have been done, start the grill, set temperature to Smoke and wait for 10 minutes. Check that the flame produced is bright and vibrant.   |
|   | Insufficient Or Poor Fuel                                   | Check hopper for sufficient fuel or if there is an obstruction in the feed system. Remove pellets and follow <b>Care and Maintenance</b> instructions.   |
|   | Grill Temperature Probe                                     | Check grill probe. Follow <b>Care and Maintenance</b> instructions if dirty.   |
| Grill produces excess or discolored smoke             | Grease Build-Up   | Follow <b>Care and Maintenance</b> instructions.   |
|   | Wood Pellet Quality   | Remove moist wood pellets from hopper. Follow <b>Care and Maintenance</b> instructions to clean out. Replace with dry wood pellets.  |
|   | Burn Pot Is Blocked   | Clear burn pot of moist wood pellets. Follow <b>Hopper Priming Procedure</b> .   |
| Frequent Flare-Ups                                    | Cooking Temperature   | Attempt cooking at a lower temperature. Grease does have a flash point. Keep the temperature under 176°C / 350°F when cooking highly greasy food.  |

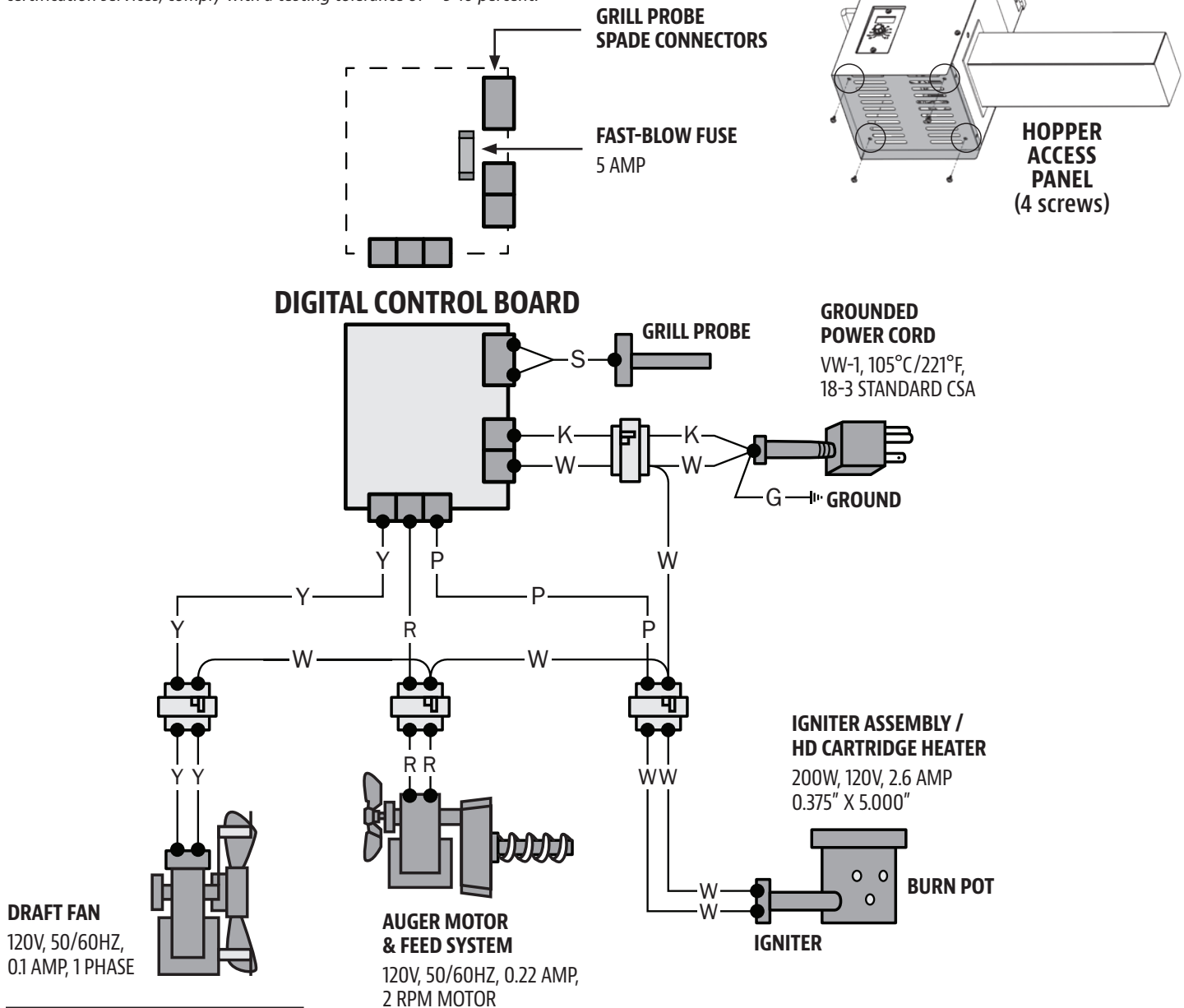
# ELECTRICAL WIRE DIAGRAM

The Digital Control Board system is an intricate and valuable piece of technology. For protection from power surges and electrical shorts, consult the wire diagram below to ensure your power source is sufficient for the operation of the unit.

## PB – ELECTRIC REQUIREMENTS

110-120V, 3.3AMP, 60HZ, 275W, 3-PRONG GROUNDED PLUG

NOTE: Electrical components, passed by product safety testing and certification services, comply with a testing tolerance of  $\pm 5-10$  percent.



## INDEX

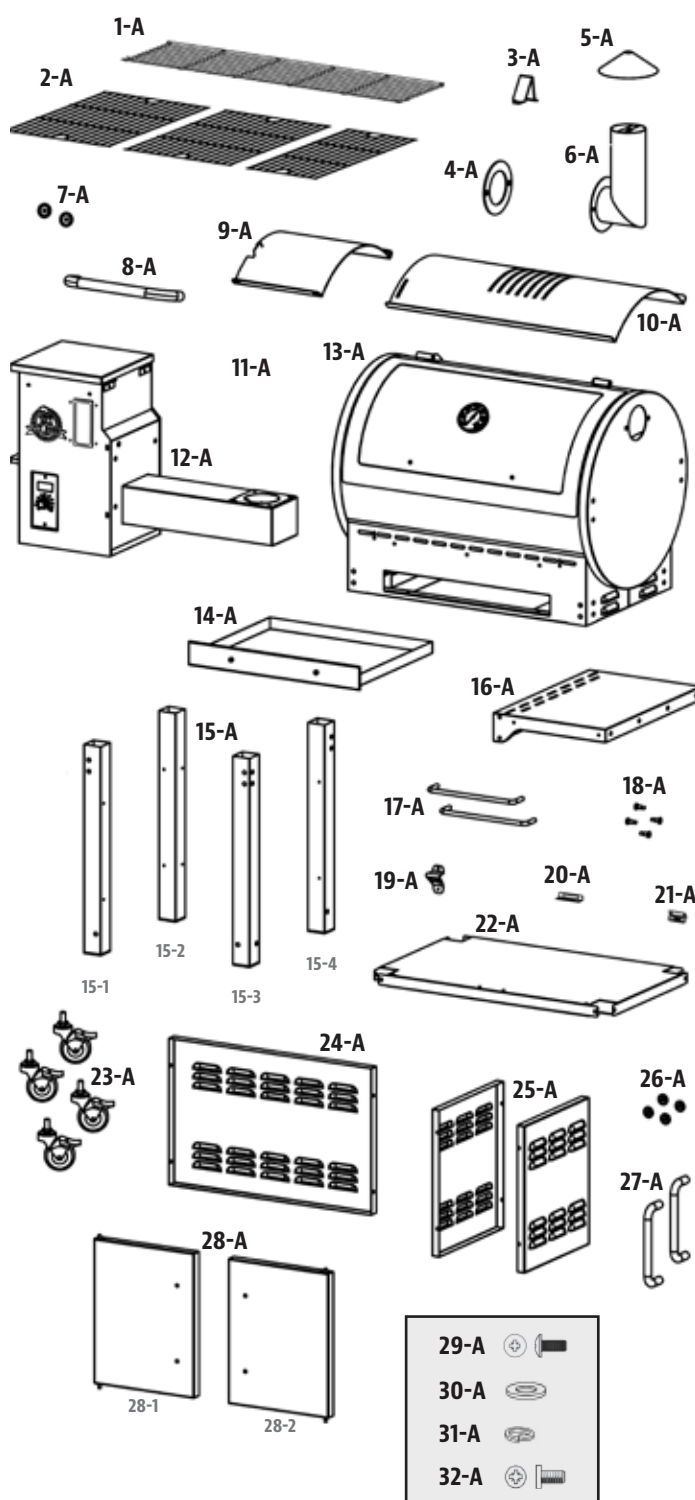
W : WHITE      K : BLACK  
Y : YELLOW    S : SILVER  
P : PURPLE    G : GREEN  
R : RED

**FUEL INPUT RATING:** 1.12 KG/H (2.48 LB/H)  
**ELECTRICAL RATING:** 265W, 2.5A, 120V



# REPLACEMENT PARTS

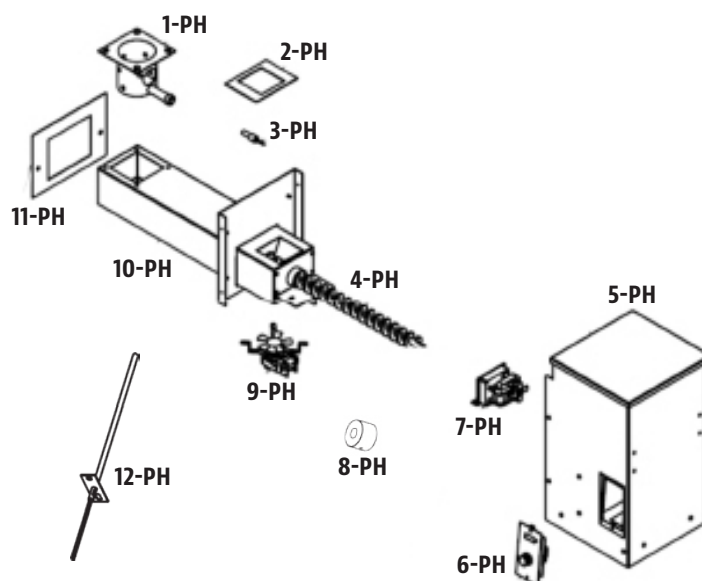
| Part# | Description                                   |
|-------|---|
| 1-A   | Porcelain-Coated Steel Upper Cooking Rack     |
| 2-A   | Porcelain-Coated Cast-Iron Cooking Grids (x3) |
| 3-A   | Lid Stopper                                   |
| 4-A   | Chimney Gasket                                |
| 5-A   | Chimney Cap Assembly                          |
| 6-A   | Chimney Stack                                 |
| 7-A   | Lid Handle Bezel (x2)                         |
| 8-A   | Lid Handle                                    |
| 9-A   | Flame Broiler Slider                          |
| 10-A  | Flame Broiler Main Plate                      |
| 11-A  | Thermometer                                   |
| 12-A  | Hopper Assembly                               |
| 13-A  | Main Barrel                                   |
| 14-A  | Grease Tray                                   |
| 15-A  | Support Leg (x4)                              |
| 16-A  | Side Shelf                                    |
| 17-A  | Side Shelf Handle, Grease Tray Handle (x2)    |
| 18-A  | Tool Hook (x4)                                |
| 19-A  | Bottle Opener                                 |
| 20-A  | Door Stopper                                  |
| 21-A  | Door Magnet                                   |
| 22-A  | Bottom Shelf                                  |
| 23-A  | Locking Caster Wheel (x4)                     |
| 24-A  | Cart Back Panel                               |
| 25-A  | Cart Side Panel (x2)                          |
| 26-A  | Cabinet Door Bezel (x4)                       |
| 27-A  | Cabinet Door Handle (x2)                      |
| 28-A  | Cabinet Door (x2)                             |
| 29-A  | Screw (x24)                                   |
| 30-A  | Washer (x24)                                  |
| 31-A  | Locking Washer (x24)                          |
| 32-A  | Screw (x14)                                   |



NOTE: Due to ongoing product development, parts are subject to change without notice.

## REPLACEMENT PARTS

| Part# | Description                         |
|-------|-------------------------------------|
| 1-PH  | Fire Pot                            |
| 2-PH  | Auger Box Gasket                    |
| 3-PH  | Igniter (Hot Rod)                   |
| 4-PH  | Auger Flighting                     |
|       | Auger Shaft Bolt                    |
|       | Auger Motor Shaft Lock Nut          |
| 5-PH  | Hopper Box Housing                  |
| 6-PH  | Pit Boss Control Board              |
| 7-PH  | Auger Motor                         |
| 8-PH  | Nylon Bushing                       |
| 9-PH  | Combustion Fan                      |
| 10-PH | Auger Box Housing                   |
| 11-PH | Hopper Assembly / Grill Body Gasket |
| 12-PH | Grill Probe                         |



## WARRANTY

### CONDITIONS

All wood pellet grills by Pit Boss, manufactured by Dansons Inc., carry a limited warranty from the date of sale by the original owner. The warranty coverage begins on the original date of purchase and proof of date of purchase, or copy of original bill of sale, is required to validate the warranty. Customers will be subject to parts, shipping, and handling fees if unable to provide proof of the purchase or after the warranty has expired.

Dansons carries a one (1) year warranty against defects and workmanship on all parts, and one (1) year on electrical components. Dansons warrants that all part(s) are free of defects in material and workmanship, for the length of use and ownership of the original purchaser. Warranty does not cover damage from wear and tear, such as scratches, dents, dings, chips or minor cosmetic cracks. These aesthetic changes of the grill do not affect its performance. Repair or replacement of any part does not extend past the limited warranty beyond the one (1) year from date of purchase.

During the term of the warranty, Dansons' obligation shall be limited to furnishing a replacement for defective and/or failed components. As long as it is within the warranty period, Dansons' will not charge for repair or replacement for parts returned, freight prepaid, if the part(s) are found by Dansons' to be defective upon examination. Dansons' shall not be liable for transportation charges, labor costs, or export duties. Except as provided in these conditions of warranty, repair or replacement of parts in the manner and for the period of time mentioned heretofore shall constitute the fulfillment of all direct and derivate liabilities and obligations from Dansons to you.

Dansons takes every precaution to utilize materials that resist rust. Even with these safeguards, the protective coatings can be compromised by various substances and conditions beyond Dansons' control. High temperatures, excessive humidity, chlorine, industrial fumes, fertilizers, lawn pesticides and salt are some of the substances that can affect metal coatings. For these reasons, the warranty does not cover rust or oxidization, unless there is loss of structural integrity on the grill component. Should any of the above occur, kindly refer to the care and maintenance section to prolong the lifespan of your unit. Dansons recommends the use of a grill cover when the grill is not in use.

This warranty is based on normal domestic use and service of the grill and neither limited warranty coverage's apply for a grill which is used in commercial applications.

**EXCEPTIONS**

There is no written or implied performance warranty on Pit Boss grills, as the manufacturer has no control over the installation, operation, cleaning, maintenance or the type of fuel burned. This warranty will not apply nor will Dansons assume responsibility if your appliance has not been installed, operated, cleaned and maintained in strict accordance with this owner’s manual. Any use of gas not outlined in this manual may void the warranty. The warranty does not cover damage or breakage due to misuse, improper handling or modifications.

Neither Dansons, or authorized Pit Boss dealer, accepts responsibility, legal or otherwise, for the incidental or consequential damage to the property or persons resulting from the use of this product. Whether a claim is made against Dansons based on the breach of this warranty or any other type of warranty expressed or implied by law, the manufacturer shall in no event be liable for any special, indirect, consequential or other damages of any nature whatsoever in excess of the original purchase of this product. All warranties by manufacturer are set forth herein and no claim shall be made against manufacturer on any warranty or representation.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations of implied warranties, so the limitations or exclusions set forth in this limited warranty may not apply to you. This limited warranty gives you specific legal rights and you may have other rights, which vary from state to state.

**ORDERING REPLACEMENT PARTS**

To order replacement parts, please contact your local Pit Boss dealer or visit our online store at: [www.pitboss-grills.com](http://www.pitboss-grills.com)

**CONTACT CUSTOMER SERVICE**

If you have any questions or problems, contact Customer Service, Monday through Sunday, 4am - 8pm PST (EN/FR/ES).  
**service@pitboss-grills.com | Toll-Free: 1-877-303-3134 | Toll-Free Fax: 1-877-303-3135**

**WARRANTY SERVICE**

Contact your nearest Pit Boss dealer for repair or replacement parts. Dansons Inc. requires proof of purchase to establish a warranty claim; therefore, retain your original sales receipt or invoice for future reference. The serial and model number of your Pit Boss can be found on the hopper. Record numbers below as the label may become worn or illegible.

|                  |                   |
|------------------|-------------------|
| _____            | _____             |
| MODEL            | SERIAL NUMBER     |
| _____            | _____             |
| DATE OF PURCHASE | AUTHORIZED DEALER |

## ACCESSORIES SOLD SEPARATELY

Available for purchase separately. Accessories not available and supplied by all authorized Pit Boss dealers.

| ITEM  | DESCRIPTION  |
|---|--|
|    | <b>GRILL COVER</b><br>Form-fitting, full length cover. Heavy-duty polyester with PVC backing for long-term use. Weatherproof. Includes draw-string lock for easy tightening. |
|    | <b>BARBECUE FLOOR MAT</b><br>Easy clean, UV protected. Protection for your deck. 132cm x 86cm / 52" x 34"  |
|    | <b>SIDE SHELF - BLACK</b><br>Black, solid shelf. Complete with tool hooks and towel bar. Mounts to side of main barrel.  |
|   | <b>SIDE SHELF - STAINLESS</b><br>Stainless steel shelf. Removable tray doubles as a grilling and serving tray. Complete with tool hooks. Mounts to side of main barrel.      |
|  | <b>MEAT PROBE</b><br>When connected, the temperature of food is displayed by the control board.  |

| ITEM  | DESCRIPTION  |
|---|--|
|   | <b>GRILLING APRON</b><br>Adjustable apron with double front pockets for grilling tools. One size. Machine washable.    |
|   | <b>SIGNATURE SAUCES</b><br>A collection of gourmet sauces to prepare and enhance the natural flavors of your food.     |
|  | <b>SIGNATURE SPICES</b><br>A collection of gourmet seasonings to prepare and enhance the natural flavors of your food. |

# RECIPES

## **CLASSIC BRISKET**

**Makes 4 - 6 Servings**

A whole beef brisket weighs 7.25-3.62 kg / 16-18 pounds and has three separate parts: the cap, the point, and the flat. Use the flat section, as it is lean, compact, and creates nice slices when carved.

### **Ingredients:**

- 1 Beef Brisket  
2.2-3.6 kg / 5-8 lbs,  
Layer of fat is at least 0.6 cm / ¼" thick
- 1 bottle Prepared Yellow Mustard
- 75 ml / 5 tbsp Seasoning
- 1 bottle Chili Sauce
- 1 pack Dry Onion Soup Mix
- 375 ml / 1½ c. Beef Broth
- 40 ml / 8 tsp Black Pepper

**Suggested Wood Pellet Flavor: Hickory / Competition**

### **Instructions:**

1. Lay out a large piece of plastic wrap on your working station. Large enough to encase the brisket. Using a sharp knife, cut a single cut on the underside of the brisket against the grain. This will aid in slicing the finished brisket, against the grain which results in a tender, melt-in-your-mouth cut. The underside is the non-fat cap side. Slather on a generous amount of prepared mustard. Rub lightly onto the entire area. Sprinkle a generous amount of seasoning onto the mustard, then again light rub into the meat. Flip the brisket over and repeat the process. Wrap the prepared brisket in the plastic wrap and refrigerate 2 to 4 hours, or overnight.
2. Prepare the basting mixture. Mix the chili sauce, dry onion soup mix, beef broth, and black pepper. Set aside.
3. **Preheat grill, then reduce to SMOKE or low temperature.**
4. Place the brisket, fat side up, in the center of the grill. Close the grill lid. Slow cook until tender, about 10 to 12 hours.
5. Baste the brisket with the basting mixture every half hour for the first 3 hours.
6. Continue the slow cooking process until the internal temperature reaches 60-66°C / 140-150°F. Remove from grill. **Turn grill up to 176°C / 350°F.**
7. Place the brisket into a pouch of double-layered aluminum foil. Pour 50 ml / ¼ cup of basting mixture over the brisket in the pouch. Close the pouch shut.
8. Lay foil pouch carefully on the grill. Steam for 1 to 1½ hours.
9. Open the pouch, and use a meat thermometer; internal temperature should reach 91°C / 195°F. The brisket should be firm but be able to pull the meat apart with your fingers.
10. Transfer the meat to a cutting board, and let it rest for 10 minutes. Thinly slice across the grain to serve.

## **SAUSAGE WITH MANGO CHUTNEY**

**Makes 4 - 6 Servings**

### **Ingredients:**

- 2 Mangoes (finely chopped)
- 0.9 kg / 2 lbs Italian Sausage (hot or mild)
- 10 ml / 2 tsp Fresh Parsley (minced)
- 15 ml / 1 tbsp Red Pepper (diced)
- 10 ml / 2 tsp Honey
- ½ Red Onion (diced)
- ½ bulb Fennel (diced)
- 5 ml / 1 tsp Lime Juice
- Pinch Salt

**Suggested Wood Pellet Flavor: Hickory / Competition**

### **Instructions:**

1. **Preheat grill, then reduce to LOW-MEDIUM (27-107°C / 180-225°F)**
2. Place sausages on grill, spaced evenly apart. Rotate every ten minutes so all sides are grilled.
3. Combine all remaining ingredients to make the chutney. Chill until ready to serve.
4. Slice grilled sausage diagonally, then serve with side of chutney.

## **BLUE CHEESE STEAK**

**Makes 4 Servings**

### **Ingredients:**

- 4 Steak, T-bone or Rib-Eye  
2.54cm / 1" thick  
0.28-0.62 kg / 10-12 ounces each
- 113 g / 4 oz. Blue Cheese (crumbled)
- 50 ml / ¼ c. Green Onion (thinly sliced)

**Suggested Wood Pellet Flavor: Hickory / Competition / Whiskey**

### **Instructions:**

1. **Preheat grill, then leave or reduce slightly (204-260°C / 400-500°F)**
2. Trim excess fat from meat and discard.
3. Place steaks on grill. Sear each side, flipping every few minutes.
4. **Reduce heat to 135°C/275°F or 163°C/ 325°F.** Flip the steaks a final time. Combine blue cheese and onions. Sprinkle over steaks, close grill lid, and grill until desired doneness. Check doneness by cutting a slit in meat near the bone.

### **Variation: REVERSE-SEAR METHOD**

Turn grill to SMOKE, then place steaks on grill. Smoke at 82°C / 180°F for 5 to 15 minutes. Once smoked to desired doneness, turn grill up to HIGH and sear to your liking.



## **BBQ RIBS**

**Makes 4 - 6 Servings**

### **Ingredients:**

|                      |  |
|----------------------|--|
| 1.3-1.8 kg / 3-4 lbs | Ribs   |
|                      | <small>Meaty pork spareribs / loin back ribs</small> |
| 45 ml / 3 tbsp       | Oil  |
| 5 ml / 1 tsp         | Salt   |
| 5 ml / 1 tsp         | Pepper   |
| 2 whole              | Onions (chopped)                                     |
| 30 ml / 2 tbsp       | Vinegar  |
| 30 ml / 2 tbsp       | Worcestershire sauce                                 |
| 125 ml / ½ c.        | Apple Juice or Soda                                  |
| 5 ml / 1 tsp         | Paprika  |
| 5 ml / 1 tsp         | Chili Powder   |

**Suggested Wood Pellet Flavor: Hickory / Competition / Apple**

### **Instructions:**

1. **Preheat grill, then reduce to SMOKE or low (82-107°C / 180-225°F).**
2. Prepare ribs by peeling off the tough layer of skin on the back side. Season the ribs with salt and pepper, to taste.
3. Place ribs on grill, spaced evenly apart. Smoke for 3 to 4 hours.
4. Mix remaining ingredients in a saucepan and bring to a boil. Let sauce boil for five minutes to thicken.
5. Remove from grill. **Turn grill up to 176°C / 350°F.**
6. Place each rack into a pouch of double-layered aluminum foil. Pour 50 ml / ¼ cup of sauce over the ribs in the pouch. Close the pouch shut.
7. Lay foil pouch carefully on the grill. Steam for 1 to 1½ hours.
8. Open the pouch. The meat will have exposed the rib ends and be very tender. **Turn grill up to HIGH (260°C / 500°F).** Place ribs back on the grill and baste with sauce on both sides of ribs.
9. Once the sauce is caramelized and the ribs are sticky, remove from grill and serve.

### **Variation: MEMPHIS-DRY METHOD**

Turn grill up to HIGH (260°C / 500°F). Place ribs back on the grill and season with a dry seasoning or rub. Sear the ribs, remove from grill and serve.

## **MOM'S JUICY HAMBURGERS**

**Makes 4 - 6 Servings**

### **Ingredients:**

|                |                            |
|----------------|----------------------------|
| 900 g / 2 lbs  | Ground Beef or Buffalo     |
| 15 ml / 3 tsp  | Seasoning                  |
| 2 whole        | Eggs, room temperature     |
| 500 ml / 2 c.  | Bread Crumbs (Dried, Fine) |
| 6 - 8          | Hamburger / Kaiser Buns    |
| 6 - 8 slices   | Cheese (slices, thin)      |
| 30 ml / 2 tbsp | Butter                     |

**Suggested Wood Pellet Flavor: Hickory / Competition**

### **Instructions:**

1. **Preheat grill, then leave or reduce slightly (204-260°C / 400-500°F)**
2. Combine meat, seasoning, eggs and bread crumbs in a mixing bowl and blend together. Divide the meat into portions, and gently shape into patties to fit the buns. Make patties about 1.9 cm / ¾ inches thick.
3. Place patties on grill. Grill six minutes per side, taking care not to press down on the meat. Test for doneness, using a meat thermometer; internal temperature should reach 71°C / 160°F. Meat may turn pink on the outside due to smoking.
4. In the last few minutes of grilling, brush buns with butter and lightly toast on the grill.
5. Remove buns, burgers when done. Top the burgers with cheese to melt, and serve.

**TIP:** A slightly fattier meat makes for a juicier burger. For a lean alternative, try ground buffalo.

## **SIRLOIN STEAK WITH SWEET ONION & PEPPERS**

**Makes 4 Servings**

### **Ingredients:**

|                |   |
|----------------|---|
| 2              | Steak, Top Sirloin  |
|                | <small>1" thick, cut into 4 pieces.<br/>0.45kg/1 lb</small> |
| 10 ml / 2 tsp  | Seasoning or rub  |
| 5 medium       | Sweet Onions (coursed chopped)                              |
| 2 whole        | Bell Peppers (all kinds, chopped)                           |
| 60 ml / 4 tbsp | Soy Sauce   |
| 60 ml / 4 tbsp | Olive Oil   |
| Dash           | Salt  |

**Suggested Wood Pellet Flavor: Hickory / Mesquite / Whiskey**

### **Instructions:**

1. **Preheat grill, then reduce slightly to 218°C / 425°F.**
2. Season both sides of the steak with the seasoning or rub. Cover and refrigerate at least 1 hour.
3. Place onions and bell peppers into a covered tray of aluminum foil. Mix soy sauce and olive oil together, then drizzle over tray. Sprinkle with salt. Seal the foil packet completely.
4. Place the foil on the grill for 10 - 15 minutes or until vegetables are soft and tender. Remove from grill, and keep covered.
5. Place steaks on grill. Sear each side, flipping every few minutes.
6. Grill until desired doneness, then remove from grill. Place on serving plates and top with warm vegetables.

## **CORNISH HENS WITH MANDARIN RICE**

**Makes 4 Servings**

### **Ingredients:**

4 whole      Cornish Game Hens  
750 ml / 3 c.    Mandarin Rice  
15 ml / 1 tbsp   Olive Oil  
5 ml / 1 tsp    Smoked Paprika  
250 ml / 1 c.    Orange Marmalade

### **Mandarin Rice**

59 ml / ¼ c.    Almonds (slivered)  
30 ml / 2 tbsp   Celery (chopped)  
1 small        Green Onion (sliced, thin)  
30 ml / 2 tbsp   Butter  
1 can          Mandarin Orange Segments (drained)  
                    0.4 kg / 11oz.  
30 ml / 2 tbsp   Orange Juice (concentrate)  
500 ml / 2 c.    Cooked Rice

**Suggested Wood Pellet Flavor: Hickory / Mesquite / Competition**

### **Instructions:**

1. Prepare mandarin rice by cooking almonds, celery, green onion, and butter in small skillet until almonds are lightly toasted. Combine mixture with orange segments, orange juice and cooked rice in a bowl, and set aside.
2. **Preheat grill, then reduce to MEDIUM (135-177°C / 275-350°F).**
3. Rinse Cornish hens and pat dry with paper towel. Stuff with rice mixture and tie legs with a string. Brush Cornish hens lightly with olive oil, and sprinkle with paprika.
4. Place Cornish hens on grill. Grill for 45 to 60 minutes, until the drumstick meat is tender when pressed.
5. Baste with orange marmalade during last 20 minutes of cooking time. Remove from grill and arrange on serving platter.

**TIP:** If you want to catch the drippings to make gravy, place the hens in a foil pan and add enough water or juice to cover the bottom about 0.6 cm / ¼ inch thick.

## **SHRIMP KABOBS WITH CURRY BUTTER**

**Makes 4 Servings**

### **Ingredients:**

900g / 2 lbs    Shrimp (peeled, deveined)  
125ml / ½ c.    Curry Butter  
15 ml / 1 tbsp   Olive Oil  
1                Lime  
                    Fresh Dill

### **Curry Butter**

125 ml / ½ c.    Butter  
30 ml / 2 tbsp   Onion (chopped)  
15 ml / 1 tbsp   Fresh Dill  
5 ml / 1 tsp    Curry Powder  
Dash            Garlic Powder

**Suggested Wood Pellet Flavor: Mesquite / Competition**

### **Instructions:**

1. Soak wooden skewers in water for 1 hour.
2. **Preheat grill, then reduce to 135-163°C / 275-325°F.**
3. Prepare curry butter by melting butter in small pan over medium-high heat. Stir in onion, dill, curry powder and garlic powder. Cook for five minutes, then remove from heat.
4. Thread shrimp on skewers, leaving space between pieces. Lightly brush with olive oil.
5. Place skewers on grill, and grill until shrimp are white and tender. Shrimp grill quickly; take care not to overcook. Turn skewers of shrimp once and brush with curry butter halfway through cooking time.
6. Arrange grilled shrimp on serving plate. Garnish with lime wedge and dill.

**TIP:** To skewer shrimp so that it is straight, hold it in a stretched-out position with one hand. Start at the tail end and insert a bamboo or wooden skewer into the shrimp so that it runs the full length. Keep unbending the shrimp with your fingers as you go.

## **BACON BASIL SHRIMP ON A STICK**

**Makes 4 - 6 Servings**

### **Ingredients:**

24 large        Shrimp (peeled, deveined)  
24 whole      Fresh Basil Leaves  
24 slices      Bacon (sliced thin)

**Suggested Wood Pellet Flavor: Cherry / Apple**

### **Instructions:**

1. Soak wooden skewers in water for 1 hour.
2. **Preheat grill, then reduce to 135-163°C / 275-325°F.**
3. Wrap a piece of shrimp and basil leaf in a thin slice of bacon, then thread onto skewer, leaving space between pieces.
4. Place skewers on grill, and cook until shrimp are white and tender, and the bacon is nicely browned. Shrimp grill quickly; take care not to overcook. Turn skewers often to avoid burning.
5. Remove from heat and serve.

## **WHOLE SMOKED TURKEY**

**Feeds a small army - leftovers are great!**

### **Ingredients:**

1 whole Turkey (thawed)  
9-11.3 kg / 20-25 lbs  
60 ml / 4 tbsp Seasoning  
5 ml / 1 tsp Smoked Paprika  
45 ml / 3 tbsp Butter

**Suggested Wood Pellet Flavor: Hickory / Cherry / Competition**

### **Instructions:**

1. **Preheat grill, then reduce to 135-177°C / 275-350°F.**
2. Remove the turkey neck and giblets. Rinse turkey thoroughly and pat the exterior dry with paper towel.
3. In a small bowl, mix butter, ¼ of the seasoning and paprika together to form a paste. Gently insert your hand between the outer skin and the breast meat. Rub paste into the meat.
4. With the remaining seasoning, rub the outer surface of the turkey.
5. Place turkey, breast side up, in center of grill, and cook until turkey is tender and golden brown; internal temperature should reach 82°C / 180°F in the thickest part of the thigh and 77°C / 170°F in the breast.
6. Remove turkey, cover with foil and let rest for 10 minutes before carving.

**TIP:** If you want to catch the drippings to make gravy, place the turkey on a rack inside a large aluminum foil roast pan. Add 0.6 cm / ¼" of water or broth and some seasoning into the bottom of the pan. Monitor the juices, as you may need to add more during the roasting period.

## **BEER CAN CHICKEN**

**Makes 2 - 6 Servings**

### **Ingredients:**

1 whole Chicken  
1.8-2.7 kg / 4-6 lbs  
1 can Beer, any kind  
45 ml / 3 tbsp Seasoning

**Suggested Wood Pellet Flavor: Hickory / Apple / Competition**

### **Instructions:**

1. **Preheat grill, then reduce to 135-177°C / 275-350°F.**
2. Open can, and pour half of the beer into a glass to drink. Leave half in the can, and make a few more holes in the top of the can to increase ventilation. Add a ¼ of the seasoning to the can.
3. Rinse chicken thoroughly and pat the exterior dry with paper towel. Add a ¼ of the rub inside the cavity of the chicken. With the remaining seasoning, rub the outer surface of the chicken.
4. Insert the upright can into the cavity of the chicken, place on the grill, and close the grill lid. Cook until the chicken is golden

brown and crispy; internal temperature should reach 74°C/165°F.

5. Using tongs, carefully remove the upright chicken and can from the grill. Let rest for five minutes, then carefully remove the can from the cavity of the chicken. Be cautious not to spill, as the liquid will be hot.
6. Carve chicken and serve.

### **Variation: NON- ALCOHOLIC, BEER-CAN CHICKEN**

Using the same instructions as above, but substitute the can of beer with a can of your favorite non-diet cola, fruit juice, or water with additional seasoning.

## **EASY RANCH CHICKEN SATAY**

**Makes 2 - 6 Servings**

### **Ingredients:**

450g / 1 lb Chicken Breasts or Thighs (boneless, skinless)  
112 ml / ½ c. Prepared Ranch or Italian Salad Dressing  
Dash Salt  
Dash Pepper

**Suggested Wood Pellet Flavor: Apple / Cherry**

### **Instructions:**

1. Cut chicken, lengthwise, into 0.63 cm / ¼" or slightly thicker pieces. Rinse chicken and pat dry with paper towel.
2. Place chicken pieces into a plastic lock-top bag. Add salad dressing, salt and pepper. Seal the bag closed, and carefully shake, coating chicken evenly. Place in refrigerator for 1 - 2 hours, or overnight. Shake the bag once or twice so the chicken marinades evenly.
3. Soak wooden skewers in water for 1 hour before use.
4. **Preheat grill, then reduce slightly to 218°C / 425°F.**
5. Remove chicken from plastic bag, and weave in-and-out onto the skewers, like a ribbon.
6. Place skewers on grill, and cook until chicken is white and firm. Turn skewers often to avoid burning.
7. Remove from heat and serve.





# IMPORTANT

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