



1155 Perimeter Center West Suite 650  
Sandy Springs, GA 30338

# RT-B380X Bullseye Deluxe



## Assembly Manual

READ ALL INSTRUCTIONS BEFORE INSTALLING AND USING THIS APPLIANCE

Please read this entire manual before installation and use of this 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. Save these instructions.

**A MAJOR CAUSE OF FIRES IS FAILURE TO  
MAINTAIN REQUIRED CLEARANCES (AIR  
SPACES) TO COMBUSTIBLE MATERIALS. IT IS  
OF UTMOST IMPORTANCE THAT THIS  
PRODUCT BE INSTALLED IN ACCORDANCE  
WITH THESE INSTRUCTIONS**



# **WARNING & SAFETY INFORMATION**



**READ ALL WARNING AND SAFETY INFORMATION BEFORE OPERATING GRILL**

FOR OUTDOOR USE ONLY

NEVER ATTEMPT TO EMPTY, CLEAR, DISPOSE, OR REMOVE ASHES WHILE GRILL IS HOT. IF YOUR GRILL IS EQUIPPED WITH AN ASH CLEARING LEVER, DO NOT MOVE LEVER UNTIL GRILL IS COMPLETELY COOL

DO NOT STORE OR USE COMBUSTIBLE MATERIALS IN OR NEAR THIS APPLIANCE

NEVER TOUCH OR ATTEMPT TO MOVE GRILL WHILE HOT OR WITHOUT ASSISTANCE

NEVER MOVE YOUR GRILL WHILE IN OPERATION AND ALWAYS LOCK/SECURE WHEELS

YOUR RECTEQ GETS VERY HOT. USE HEAT RESISTANT GLOVES FOR OPENING/CLOSING LID, ESPECIALLY AT TEMPERATURES ABOVE OF 400°

KEEP CHILDREN AND PETS AWAY WHILE GRILL IS HOT. USE EXTREME CAUTION WHEN COOKING AT ALL TEMPERATURES

TO PREVENT FLARE UPS, CLEAN/REMOVE RESIDUAL GREASE FROM DRIP PANS, GRATES, AND BOTTOM OF GRILL REGULARLY, ESPECIALLY PRIOR TO COOKING ABOVE 350°

SINCE THE BULLSEYE IS A DIRECT HEAT GRILL, ITS HIGHLY RECOMMENDED THAT A WATER PAN BE PLACED ON THE DEFLECTOR DURING LOW AND SLOW COOKS TO PREVENT THE ACCUMULATION OF GREASE.

IF NECESSARY, USE 14 GAUGE OR HEAVIER EXTENSION CORD THAT'S RATED FOR OUTDOOR USE AND ALWAYS UNPLUG GRILL WHILE NOT IN USE

NEVER STORE ANY GRILL IN A SMALL SPACE OR PLACE IN A VEHICLE UNLESS COMPLETELY COOL AND FIRE IS VERIFIED AS EXTINGUISHED

LEAVE A MINIMUM OF 18" CLEARANCE FROM THE UNIT TO COMBUSTIBLE CONSTRUCTION AND/OR MATERIALS AT THE REAR, SIDES, AND TOP

USE ON LEVEL GROUND AND NEVER USE UNDER COMBUSTIBLE CEILINGS OR OVERHANGS

NEVER USE ON A COMBUSTIBLE FLOOR. USE ON A NONCOMBUSTIBLE FLOOR OR FLOOR PROTECTED WITH NONCOMBUSTIBLE SURFACE WHERE PROTECTIVE SURFACE HAS BEEN APPROVED FOR SUCH USE BY THE AUTHORITY HAVING JURISDICTION



# WARNING & SAFETY INFORMATION



## **READ ALL WARNINGS AND SAFETY INFORMATION BEFORE OPERATING GRILL**

NEVER PLUG IN YOUR GRILL WITHOUT ALL SERVICE ACCESS GRATES/PANELS INSTALLED AND ALWAYS PLUG INTO PROPERLY GROUNDED OUTLET (GFCI)

OCCASIONALLY, YOUR FIRE POT, VENTS/SMOKESTACKS SHOULD BE INSPECTED FOR OBSTRUCTIONS TO MAKE SURE PROPER AIRFLOW AND PROPER VENTILATION IS MAINTAINED

USE HEAT-RESISTANT MITTS OR GLOVES WHEN HANDLING FOOD, PANS, GRATES, ETC. WHILE OPERATING THIS UNIT. LONG HANDLED, NON-PLASTIC UTENSILS ARE ALSO RECOMMENDED

BE AWARE OF AND/OR REMOVE LOOSE CLOTHING, JEWELRY, AND ACCESSORIES BEFORE USING GRILL

BEFORE COVERING YOUR GRILL, MAKE SURE THAT THE GRILL HAS COOLED COMPLETELY AND NEVER DEPLOY THE ASH DUMP LEVER WHILE GRILL IS HOT

NEVER PUT YOUR HAND IN THE PELLET HOPPER OR ATTEMPT TO SERVICE ANY PART OF YOUR GRILL WHILE YOUR GRILL IS PLUGGED IN. KEEP ALL PROTECTIVE GUARDS IN PLACE

### **CARBON MONOXIDE WARNING:**

FOLLOW THESE GUIDELINES TO PREVENT THIS COLORLESS, ODORLESS GAS FROM POISONING YOU, YOUR FAMILY OR OTHERS.

KNOW THE SYMPTOMS OF CARBON MONOXIDE POISONING: HEADACHE, DIZZINESS, WEAKNESS, NAUSEA, VOMITING, SLEEPINESS, AND CONFUSION. CARBON MONOXIDE REDUCES THE BLOOD'S ABILITY TO CARRY OXYGEN. LOW BLOOD OXYGEN LEVELS CAN RESULT IN LOSS OF CONSCIOUSNESS AND DEATH.

SEE A DOCTOR IF YOU OR OTHERS DEVELOP COLD OR FLU-LIKE SYMPTOMS WHILE COOKING OR IN THE VICINITY OF THIS 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.

# Welcome to the recteq family!

Congratulations on the purchase of your new recteq wood fired pellet grill. With proper care and maintenance, your recteq will provide you years of trouble-free operation. Please review the following information carefully for useful tips and information that will help you utilize your grill's extensive features and benefits.

To see our favorite recipes and cooking tips, visit [recteq.com](http://recteq.com). As you become familiar with your recteq, you will find that indoor cooking becomes the exception and not the rule in your house. With the ability to easily cook foods that meet or often exceed restaurant quality, you will no longer want to dine out and pay for food that does not live up to the recteq standard. Also, don't be alarmed when your neighbors call and ask if you will 'recteq' some meat for them...This is a common occurrence among recteq owners.

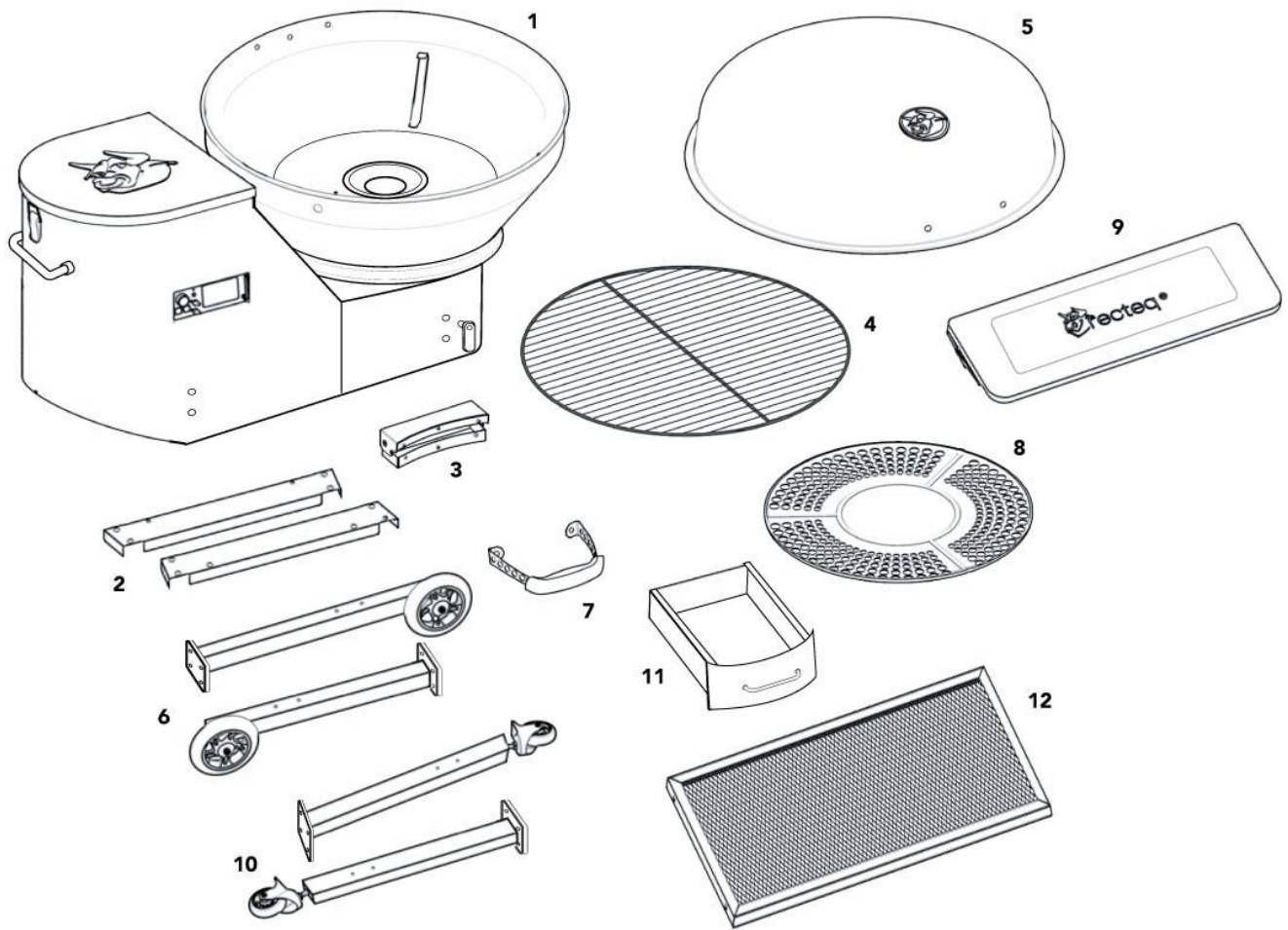
We invite you to join the vibrant and growing recteq social media community. Whether you want to contribute your own tips and recipes, learn from others, or a bit of both, please jump right in. You now have an incredible tool for cooking. Let's see how you use it!

Thank you for choosing recteq.

Ray Carnes & Ron Cundy Co-Founders, recteq, LLC

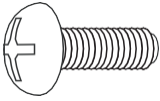
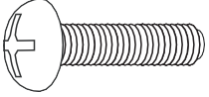
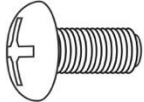
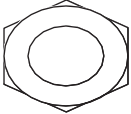
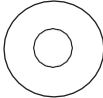



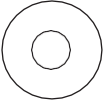

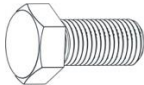
A handwritten signature in black ink, reading "Ray Carnes". The signature is fluid and cursive, with the first name "Ray" being more prominent than the last name "Carnes".A handwritten signature in black ink, reading "Ron Cundy". The signature is fluid and cursive, with the first name "Ron" being more prominent than the last name "Cundy".

## RT-B380X Contents



1. Grill Body
2. 2x Leg Support Bracket
3. Lid Hinge
4. Stainless Steel Grill Grate
5. Lid
6. 2 Fixed Wheel Legs
7. Lid Handle
8. Cast Iron Heat Deflector
9. Front Folding Shelf
10. 2 Caster Wheel Legs
11. Ash Dump Tray
12. Bottom Shelf
13. Hardware Package (not pictured)

## RT-B380X Hardware

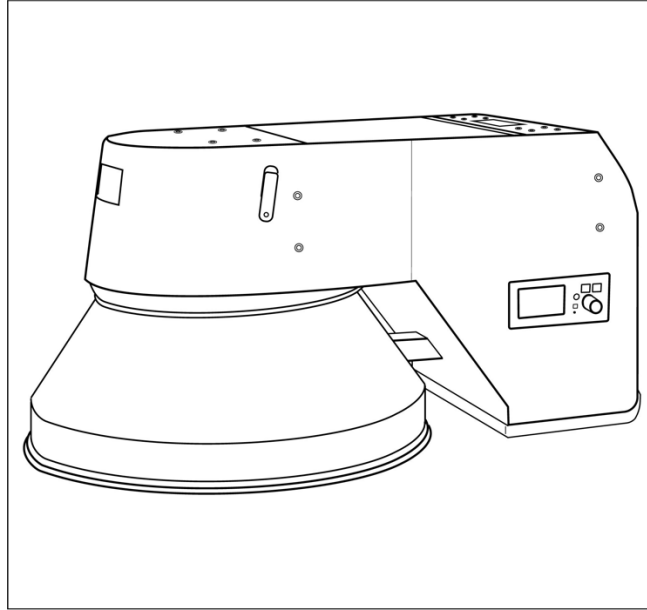
Hardware	Specs	Steps Used	Illustration
Short bolts	M5 x 0.8 Length: 1/2" Quantity: 14	4,7,8	
Long bolts	M6 x 1.0 Length: 3/4" Quantity: 8	4,5	
Black bolts	M6 x 1.0 Length: 1/2". Quantity: 2	9	
Black threaded nuts	M6 x 1.0 Quantity: 2	9	
Large flat washers	5/8" diameter Quantity: 22	4,5,7,8	
Large lock washers	3/8" diameter Quantity: 16	2,3	
Small flat washers	3/8" diameter Quantity: 16	2,3	
Small lock washers	3/8" diameter Quantity: 22	4,5,7,8	
Black flat washers	5/8" diameter Quantity: 2	9	
Black locking washers	3/8" diameter Quantity: 2	9	
Hex bolts	M6 x 1.0 Length: 3/4" Quantity: 16	2,3	
Cord wrap brackets with two black threaded screws		11	Not Pictured

## Assembly

### Step 1: Unpack and Prepare for Assembly

With assistance, remove all items from inside grill body and hopper. Lay grill body with top down.

*Tip: Flatten the cardboard box out and lay everything on it. This serves as a good working area and it helps prevent the grill from getting scratched or damaged during installation. Be aware of sharp edges and points while assembling*



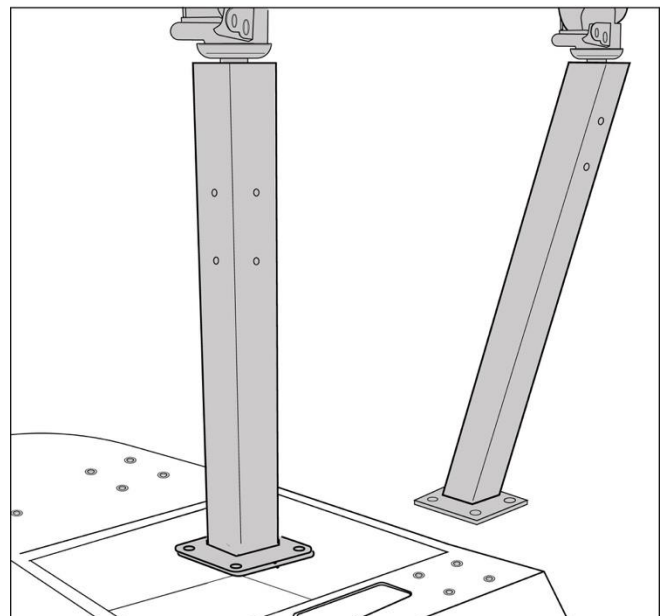
### Step 2: Install Caster Wheel Legs

Attach caster wheel legs (10) to the hopper side of the grill body. Attach with bracket holes facing outward from the grill. To attach legs to grill body, use Hex Bolt + Large lock washer + Small flat washer.

Hand tighten all bolts only at this time.

Don't over tighten.

Repeat this step to the other side.

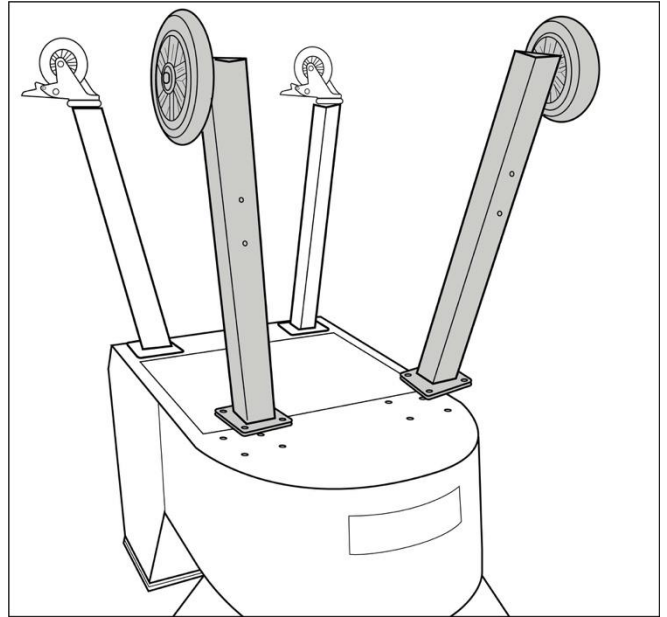




### Step 3: Install Fixed Wheel Legs

Attach fixed wheel legs (6) with bracket holes facing outward from the grill. To attach legs to grill body, use Hex Bolt + Large lock washer + Small flat washer.

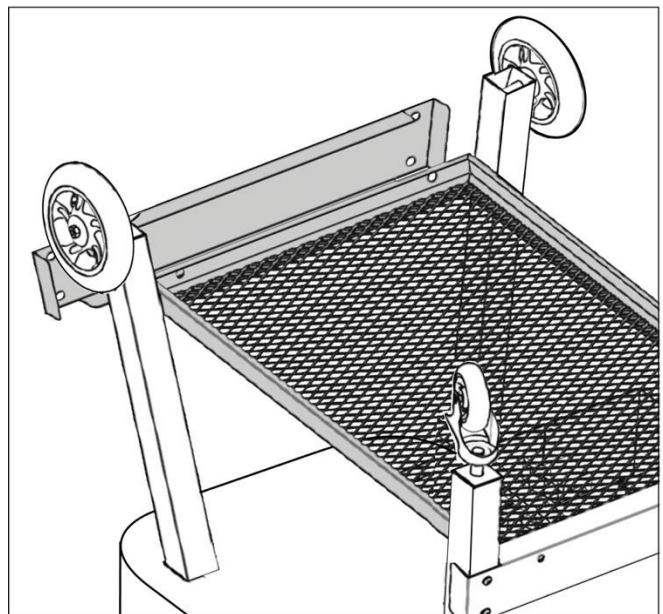
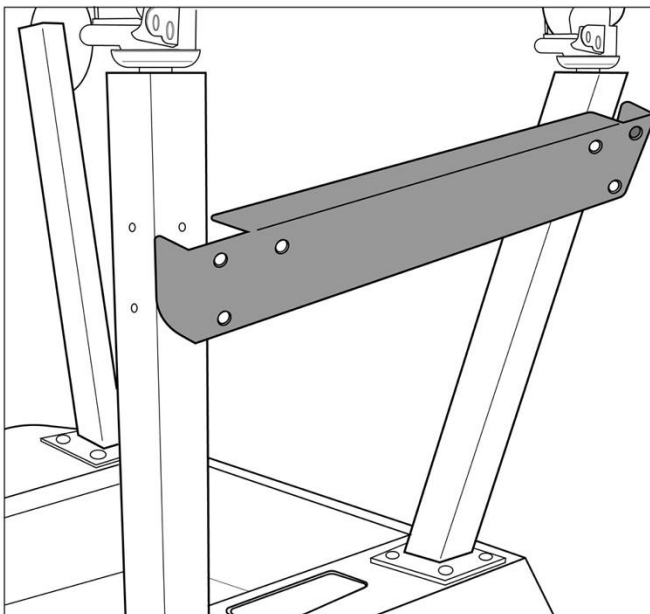
Hand tighten all bolts only at this time.  
Don't over tighten.



### Step 4: Install Leg Support Brackets and Bottom Shelf

Attach leg support bracket (2) on caster wheel legs (10) using short bolts + small lock washer + large flat washer. Attach bottom shelf (12) using long bolts + small lock washer + large flat washer.

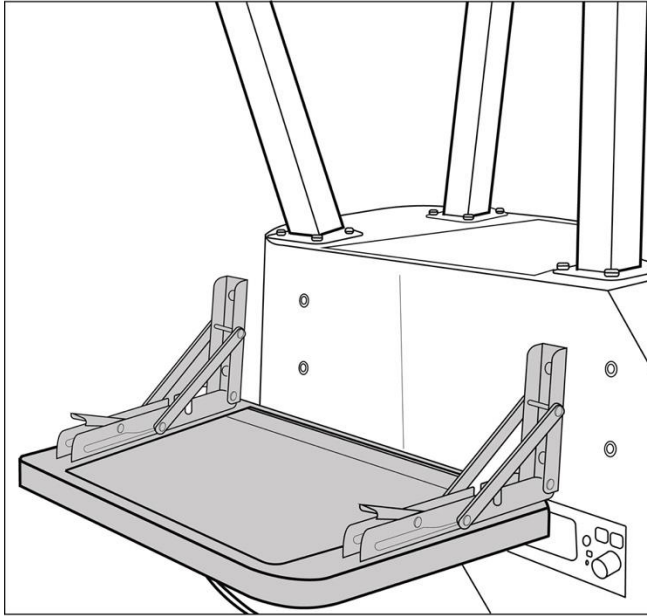
Hand tighten all bolts only at this time and don't over tighten. Attach leg support bracket (2) to fixed wheel legs (6) using short bolts + small lock washer + large flat washer. Finally, attach bottom shelf to leg support brackets using long bolts + small lock washer + large flat washer. Tighten down all bolts.





### Step 5: Install Front Folding Shelf

While grill is still upside down, attach front folding shelf (9) using long bolts + small lock washer + large flat washer



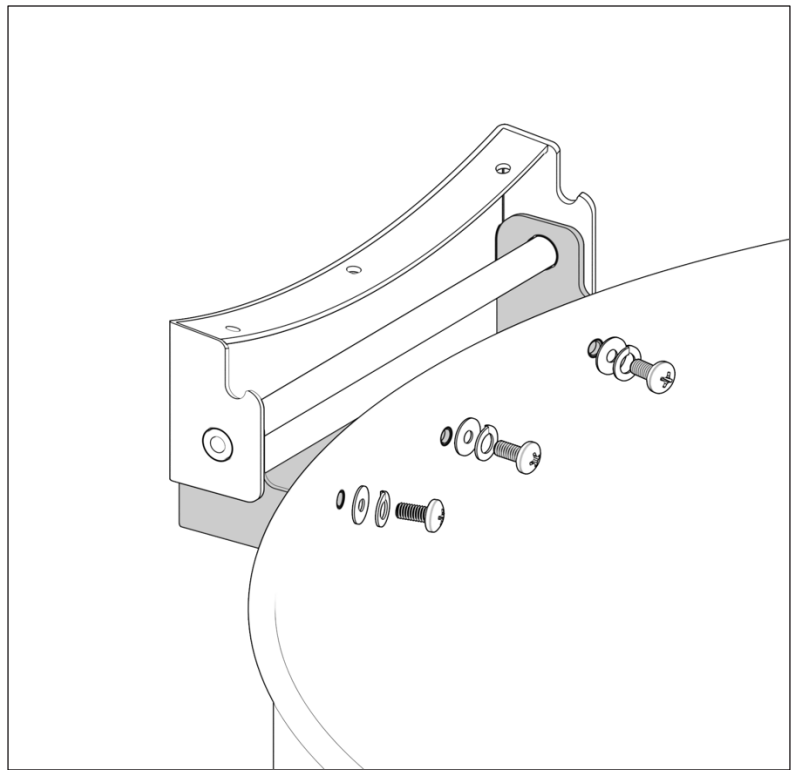
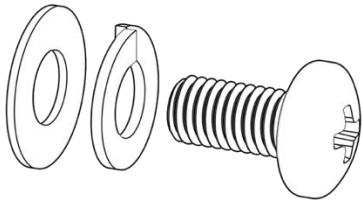
### Step 6: Stand Grill Upright

With assistance, lock wheels and flip grill body upright



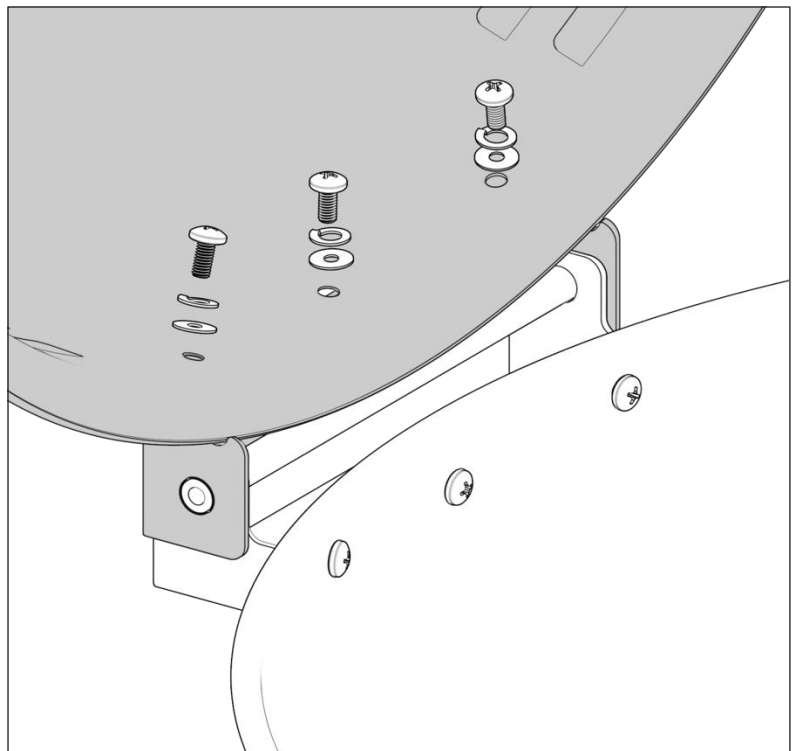
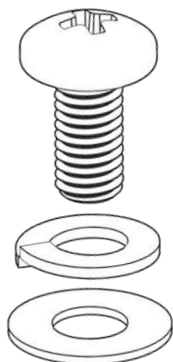
### Step 7: Install Lid Hinge

Make sure the lid hinge is facing upward. (See Pic)  
Attach lid hinge using short bolts + small lock washer + large flat washer.



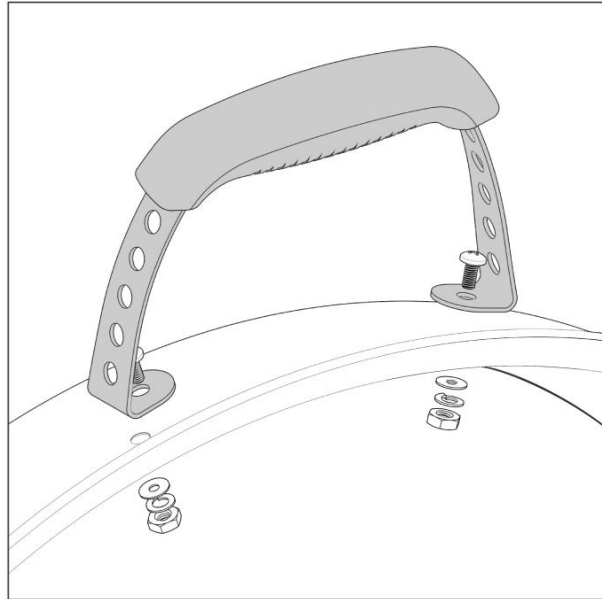
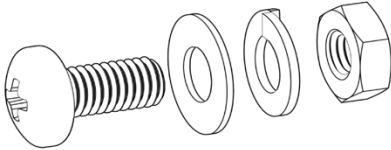
### Step 8: Install Grill Lid to Lid Hinge

Make sure the lid hinge (3) is facing upward. Attach lid hinge using short bolts + small lock washer + large flat washer.



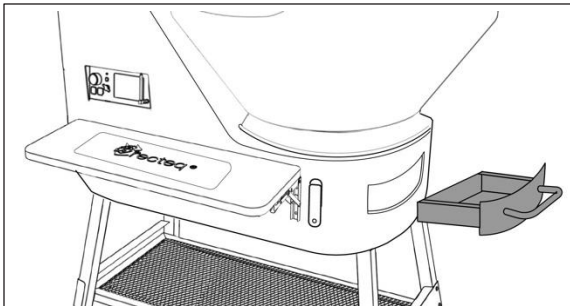
### Step 9: Install Lid Handle

Attach lid handle (7) to lid (5) following bolt assembly order and using black bolts, flat washer, lock washer, and threaded nut.



### Step 10: Slide Ash Dump Tray Into Place

Slide ash dump tray (11) into the opening at side of grill. This tray must be in place while grill is in operation and used to catch COOL ashes ONLY. DO NOT ACTIVIAE ASH DUMP LEVER WHILE GRILL IS HOT



### Step 11: Attach Cord Wrap Brackets (optional)

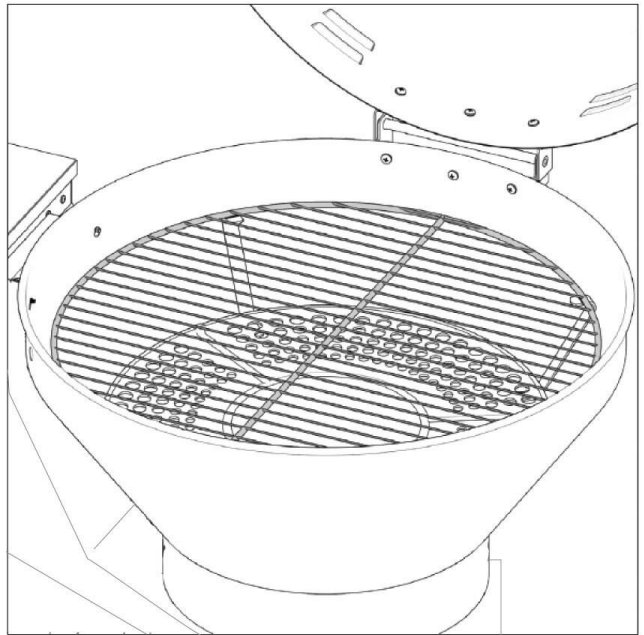
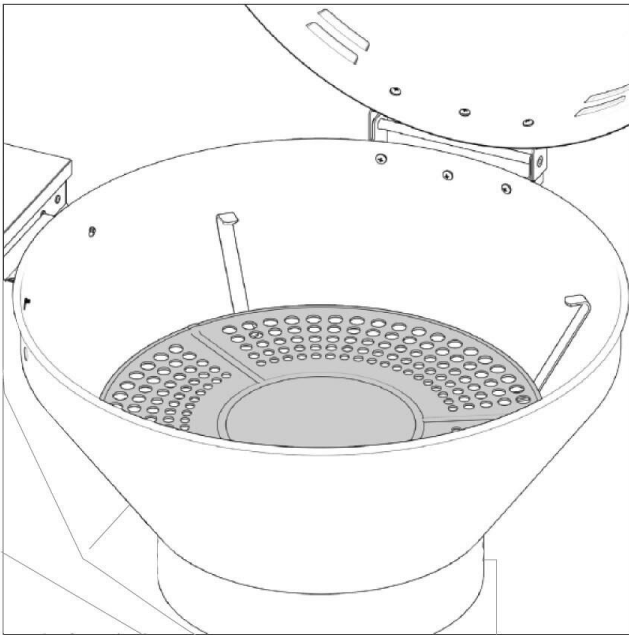
Attach cord wrap brackets to back of hopper, near power cord, using two black threaded screws.

## Step 12: Install Flame Deflector and Cooking Grate

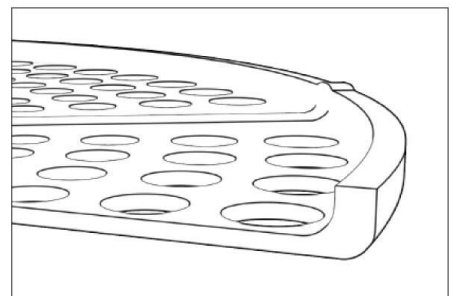
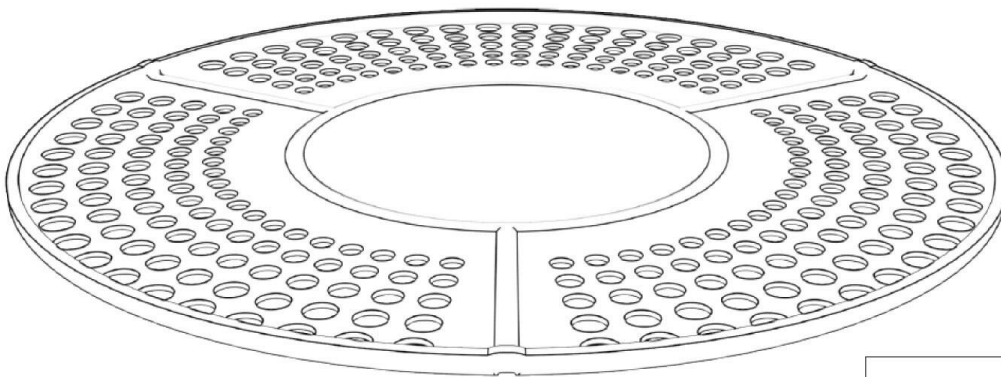
Place flame deflector (8) on bottom rungs of grill barrel making sure the edges flare up.

*See image below for reference.*

Place cooking grate (4) on top rungs of grill barrel with crossbars facing down.



### Flame Deflector Orientation



## Initial Setup Procedure

Before cooking for the first time, we recommend you remove the cooking grate and wash it with mild soap and water. Fill your hopper at least halfway and place a 1/4 cup of pellets in the firepot. Reinstall the deflector and grates, and set grill to 400° F. Once the grill reaches 400° F, let it run with the lid down for 1 hour. This will provide a final cure and remove any residue that may have accumulated during manufacturing and shipping. After this initial burn, your grill is ready for cooking.

## Operating Your Grill

Power Button:

DO NOT MANUALLY FILL YOUR FIREPOT WITH PELLETS

DO NOT OVERFIRE OR ATTEMPT TO ACCELERATE THE NATURAL LIGHTING SEQUENCE OF YOUR GRILL

Press power button to turn grill on and adjust temperature knob to desired temperature.

- Turning the grill ON activates the automatic startup mode and illuminates the digital readout.
- If your grill fails to light itself within 30 minutes of startup, the Smart Grill Technology™ processor will turn the grill off and display ER-2 on the screen.
- Pressing the power button again activates the shut-down mode of your grill. If grill's actual temperature is below 160° F, pressing the power button will simply turn the grill off.
- When the power button is used to shut down your grill, the Smart Grill Technology™ processor will read COOL and stop adding pellets to the fire pot. The fan will continue running to completely burn the pellets remaining in the fire pot, after a short while the auger will run briefly, and this will push out any embers left in the auger tube. Because of this, it is normal for your grill to smoke for 15 or more minutes after shut down. ***Do not empty ash dump until fully cooled. Do not deploy ash dump in an attempt to stop grill from smoking. Do not move until fully cooled***

Temperature Control: Use temperature knob to select computer-maintained temperature in 25° increments from 225° F-500° F and 50° F increments from 500° F-750° F.

Additional Temperature Settings: LO and FUL

LO: Dropping the grill temperature under 225° F will cause the screen to display LO. This setting is not an exact temperature, but rather the lowest temperature the grill can achieve. This will largely depend on outside factors, such as ambient temp/type of pellets.

Temperatures will typically range 200° F - 225° F.

FUL Mode: Turning temperature knob clockwise beyond 750° F will cause the screen to display FUL: This setting is not an exact temperature, but rather the highest temperature the grill can achieve. This will largely depend on outside factors, such as ambient temp/type of pellets.

Temperatures will range 750° F- 1000° F.

## Operating Your Grill

**Settings Button:** Press and hold the settings button to access the adjustable parameters menu. Short presses of the settings button will scroll through the adjustable parameters. Pressing and holding the settings button will exit the adjustable parameters menu.

### Adjustable Parameter 1

1	AUG
20	

**Adjustable Parameter 1: Min Feed Rate** - Min Feed Rate is the minimum rate that the auger is allowed to feed fuel to the firepot, regardless of Set Point. Decreasing the value will allow the grill to achieve lower temperatures, but will increase the risk of flame-outs. Increasing the value will prevent losing fire but will limit your ability to maintain low temperatures on hot, sunny days. *Note: Changing this does not change the auger speed. The auger speed is constant.*

### Adjustable Parameter 2

2	OFS
0	

Turning the Temperature Control Knob clockwise will increase, and turning counterclockwise decrease, the value within the range of 5 - 250. (Factory preset: 20)

### Probe Calibration

3	Pr A
0	

**Adjustable Parameter 2: Temperature Offset** - Your grill has been precisely calibrated at our facility, but the Temperature Offset allows you to customize how your controller will operate. Should you choose to rely on a secondary temperature probe, you can use the following process to recalibrate your Smart Grill Technology™ Controller. Adjustable Parameter 2 will display OFS.

Additionally, the current temperature offset percentage value will be displayed. Turning the Temperature Control Knob clockwise will increase, and turning counterclockwise decrease, the value within the range of -25.0 to 25.0. (Factory preset: 0)

*Due to varying qualities of pellet brands, we give you the ability to adjust your minimum feed rate downward in the event that your grill is running hot at lower temperatures. However, if you experience a sudden loss, followed by an immediate increase in grill temperature, then your grill has experienced a flame out and will automatically relight. This signifies that your minimum feed rate was adjusted too low and needs to be increased.*

## Test Mode

**Test Mode:** With grill OFF, press and hold the Settings Button to enter the Adjustable Parameters Menu. Enter Test Mode from either of the three screens: AUG, OFS, Pr by pressing the Power Button. Each additional press of the Power Button will advance you through the 8 Test Mode screens. The last screen is the BYE screen. While on the BYE screen, press the Settings Button to return to the adjustable parameters screen, then press and hold the Settings Button and your grill's controller will return to the OFF state.



Screen 5-1



To enter test mode: Press and hold Settings for 3-5 seconds - Press power - until you see AUG.

Press power to proceed to next screen.

Screen 5-2



Screen 5-1 is test mode for your auger motor. You should be able to look in your grill's firepot and see the end of the auger turning very slowly.

Press power to proceed to next screen.

Screen 5-3



Screen 5-2 is test mode for your grill's ignition system. You should be able to look into the grill's firepot and see your igniter begin to glow within a few minutes. **DO NOT TOUCH THE IGNITER.**

Press power to proceed to next screen.

Screen 5-4



Screen 5-3 is test mode for your grill's blower fan. You should be able to hear the fan blowing.

Press power to proceed to next screen.

Screen 5-5



Screen 5-4 is test mode for your grill's control knob. You can turn the knob to see the 000 value increase and decrease as you turn the knob.

Press power to proceed to next screen.

Screen 5-5 is test mode for your grill's temperature sensor and meat probe. You can see the temperature values for each displayed on the screen (a value of - - - means the probe is not plugged in or the grill's sensor is not connected).

Screen 5-6



Press power to proceed to next screen.

Screen 5-6 is an internal quality control screen that has no function for the user.

Press power to proceed to next screen.

Screen BYE



Screen BYE is the final screen of the test mode. Pressing the power button again will return you to Screen 5-1. Pressing the settings button will return you to the Settings Menu, at which time you can hold the Settings Button to exit Settings Menu and get you back to a blank screen.



## Shutting Off Grill

When you are done cooking, simply press the power button. The blower fan will run continuously and will shut off on its own. Then the auger will feed pellets to conclude the shut- down process. This pushes any smoldering pellets in the auger tube into firepot where they can safely burn out on their own. Your grill will continue to smoke after cool down is complete, this is normal as the remaining pellets are burning out. It's extremely important to keep the lid closed during this process. Do not move until the grill is fully cooled.

## Tips, Tricks, and Temps

### Preheating

It is important to allow your grill to preheat to achieve your desired cooking temperature before cooking. This allows the entire grill to heat up and quickly return to your desired temperature once your food is introduced. If you do not allow the grill to preheat, you will find that it takes a longer period of time to bring both the grill and the food to your desired cooking temperature. It is important to leave the lid closed during preheating.

### Pellet Information

STORE PELLETS IN A DRY SPACE – AWAY FROM FLAMMABLE MATERIALS AND HEATING SOURCES

USE ONLY WOOD PELLET FUEL SPECIFIED FOR COOKING. DO NOT USE PELLET FUEL LABELED AS HAVING ADDITIVES

Premium hardwood pellets contain approximately 8,200 BTUs of heat per pound and leave less than 1% ash residue. Pellets should be stored in a dry area, as wet pellets will swell and turn back into sawdust. For the best results, always use premium hardwood pellets in your grill. The use of grades other than premium hardwood pellets may result in temperature variations, uneven cooking, and poor results. Remember, pellets do not contain preservatives and will deteriorate over time.

Caution: Some wood pellets produced for heating fuel have a high content of softwood which can include pitch and should not be used for cooking. Always check with the pellet manufacturer to ensure that you are cooking with a premium, 100% hardwood pellet.

Smoking	180° F to 275°
Roasting	275° F to 325° F
Braising	325° F to 375° F
Baking	375° F to 450° F
Grilling/Searing	450° F+

## **Tips, Tricks, and Temps**

- Always use grill on a level surface and lock/secure wheels
- Check and clean fire pot regularly; this will ensure proper ignition and heat output.
- Not all pellets are created equal; always use dry and fresh pellets.
- Always store pellets in a dry area.
- Get to know your grill and keep good cooking notes. This will help with consistency.
- Practice makes perfect.
- Always allow your meat to rest before serving.
- Always keep your cooking area clean.
- Avoid lifting the lid more than necessary.
- Wind can cool your grill temperature.
- Always preheat grill to desired temperature before use.
- Wipe off stainless steel surfaces before preheating; dirt and food stains can cook into surface.
- Always check pellet hopper for debris and remove excess pellet dust as needed.
- Leave at least one inch of clearance between food for even cooks (crowded foods will take longer to cook).
- Foods cooked in pans or containers will require more time than foods cooked directly on grate.
- Use your platinum-tipped meat probe to determine meat-doneness; never rely on time.
- Know your food's internal temperature.
- Use long handled tongs and spatulas for turning meats; do not use plastic utensils.
- Do not use accessories not specified for use with this appliance
- Injecting, mopping, and spritzing are great ways to keep meat from drying out.
- When going low and slow, plan for your meats to stall; larger pieces of meat tend to take longer from 160° F-180° F. Be patient.
- Never unplug your grill to turn it off.
- When not in use, unplug and cover with recteq Premium Grill Cover.
- Use only compatible meat probes with your recteq controller

## **Temperatures**

Remember, you can't tell whether meat is safely cooked by looking at it. Any cooked, uncured red meats (including pork) can be pink, even when the meat has reached a safe internal temperature.

After you remove the meat from your grill, allow it to rest.

- Hot foods should be held at 140° F or warmer.
- Cold foods should be held at 40° F or colder.
- Perishable foods should not be left out for more than 2 hours at room temperature; 1 hour when the temperature is above 90° F.
- Always follow food safety guidelines provided by the USDA.

## Maintenance & Cleaning

- CLEAN YOUR FIRE POT EVERY 3-5 COOKS OR AFTER EVERY 16 HOURS OF COOKING TIME, TO ENSURE PROPER AIRFLOW. NEVER OPERATE THE ASH DUMP LEVER WHILE GRILL IS HOT!
- PERIODICALLY CLEAN OUT VENTS/SMOKESTACK TO ENSURE PROPER AIRFLOW AND MAXIMUM PERFORMANCE
- 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 NONCOMBUSTIBLE FLOOR OR ON THE GROUND, WELL AWAY FROM ALL COMBUSTIBLE MATERIALS, PENDING FINAL DISPOSAL. IF THE ASHES ARE DISPOSED OF BY BURIAL IN SOIL OR OTHERWISE LOCALLY DISPERSED, THEY SHOULD BE RETAINED IN THE CLOSED CONTAINER UNTIL ALL CINDERS HAVE THOROUGHLY COOLED
- Use a grill brush to clean your cooking grate after every cook to provide years of trouble-free use.  
*Note: Make sure that no bristles have shed onto the cooking grate.*
- Use a mild soap and water to clean the exterior of your grill. AVOID USING CAUSTIC CLEANERS! ie: ajax, comet, etc.
- If left in an exposed area, keep your grill covered and unplugged when not in use.
- Never let your pellets get wet; they will swell and jam your auger.
- If grill is not used for 6 weeks or more, it is advised to remove all pellets from hopper.
- Remove pots and pans while the operating appliance is unattended, to reduce the risk of fire

Never store the grill in a small space or place in a vehicle unless completely cool and fire is verified as extinguished. Never move the grill while it is still hot. Never move the grill without assistance.

Clean the ash from the interior of your grill, fire pot, and hopper every 5-6 bags of pellets – a shop vac is an ideal tool for this job. It also helps to leave a thin layer of ash on the bottom of the barrel for insulation.

**WARNING:** Always wait at least 12 hours after cooking to remove ash from your grill!

**If you have completed a low and slow cook that has caused the accumulation of grease on your foil, you must change the foil before cooking at high temperatures!**

**Failure to do so will most certainly cause a grease fire in your grill.**

## Troubleshooting

We pride ourselves on our grills, grilling accessories, and on our commitment to serve you. Please consult the chart below to help resolve issues you may encounter. Also, please don't hesitate to contact us with any issues.

(706) 922-0890

Issue	Potential Cause	Solution
Grill will not light/turn on	Power	Make sure power is plugged into working GFCI outlet, and outlet is not tripped.
	Igniter	Remove cooking grate and flame deflector; visually inspect fire pot and if after 10 minutes: <ul style="list-style-type: none"> <li>•your pellets are feeding</li> <li>•your blower fan is running</li> <li>•your grill is still not lighting</li> </ul> Then your igniter rod may need to be replaced. Call Customer Service.
	Auger Motor	Remove cooking grate and flame deflector; visually inspect auger turning in the fire pot. (Note: the auger turns very slowly) If auger is not turning, you may have an obstruction in your hopper. Clean out pellets and try again. If problem persists, your auger motor may need to be replaced. Call Customer Service.
	Control Board	UNPLUG GRILL. Check to make sure the fuse is intact and has not blown. Check for any loose wire connections. If any wires have become detached, refer to controller schematic.

Issue	Potential Cause	Solution
Grill is smoking excessively/ smoke is discolored	Pellet quality/age	Inspect pellets; ensure that pellets are dry and have not broken down into sawdust. If problem persists, remove pellets from the hopper and clean ash from your firepot, then replace with fresh dry pellets.
	Excess ash in fire pot	Check the burn pot for ash and clean as necessary (it's advised to clean fire pot every 3-5 uses).
	Blower fan	Unplug grill. Remove access panel; visually inspect blower fan for any obstructions, loose connections, bugs, etc. Remove obstructions. Power grill on. If problem persists, unplug grill. Spin fan manually for several revolutions. Plug grill back in. If problem still persists, your blower fan may need to be replaced. Call customer service.
Grill will not heat up to or maintain proper temp	Pellet quality/age	Inspect pellets; ensure that pellets are dry and have not broken down into sawdust. If problem persists, remove pellets from the hopper and clean ash from your firepot, then replace with clean dry pellets.
	Insufficient airflow	Check fire pot for any obstructions/ ash accumulation.
	Excess ash in fire pot	Check fire pot for ash and clear as necessary.
Fire continues to go out	Pellet quality/age	Inspect pellets; ensure that pellets are dry and have not broken down into sawdust. If problem persists, remove pellets from the hopper and clean ash from your firepot, then replace with clean dry pellets.
	Hopper obstruction	Unplug grill. Remove pellets from hopper. Clean hopper of any obstructions or build up.
	Pellet Bridge	Excessively long pellets can catch on each other and cause pellets not to fall into the auger.

Issue	Potential Cause	Solution(s)
Pellets are not being delivered to fire pot	Hopper obstruction	Unplug grill. Remove pellets from hopper. Clean hopper of any obstructions or build up.
	Auger Failure/Jam	Remove cooking grate and flame deflector plate; visually inspect auger turning in the fire pot. (Note: the auger turns very slowly) If auger is not turning, you may have an obstruction in your hopper. Clean out pellets and try again. If problem persists, your auger motor may need to be replaced. Call Customer Service.
Flare ups	Excessively greasy food while temperature setting is too high	Cook at 350 degrees or below when cooking excessively fatty foods.
Excessive grease/build up	Excessively greasy food	Cook at 350 degrees or below when cooking excessively fatty foods.
Smoke coming from hopper	Excess ash in firepot	Clean grill interior.
	Pellet level very low in hopper	Add more pellets to hopper
	Excess pellet dust lining auger tube causing burn back	Remove pellets from hopper and vacuum out hopper, auger tube, and fire pot.
ER-1	Power Failure	Make sure power is plugged into working GFCI outlet, and outlet is not tripped. Turn grill off, then back on again to reset controller and clear code.
ER-2	Grill hasn't ignited in over 30 minutes	Refer to "Grill will not light/turn on" in Troubleshooting.
ER-3	RTD unplugged/grill over heated	Check connection and let grill cool. Turn grill off, then back on again to reset controller and clear code.

## Troubleshooting

In case of igniter failure, you can start your Bullseye Deluxe B380X manually:

1. Remove the stainless-steel grates and heat deflector.
2. Clean out fire pot and place no more than 1/2 cup of pellets in the bottom. Add a small amount of solid fuel fire starter, such as those made from sawdust and wax, or use wood shavings.

*Tip: A paper towel, shredded cardboard, or shredded newspaper can work as a substitute.*

If you have a torch lighter, a fire starter is not needed.

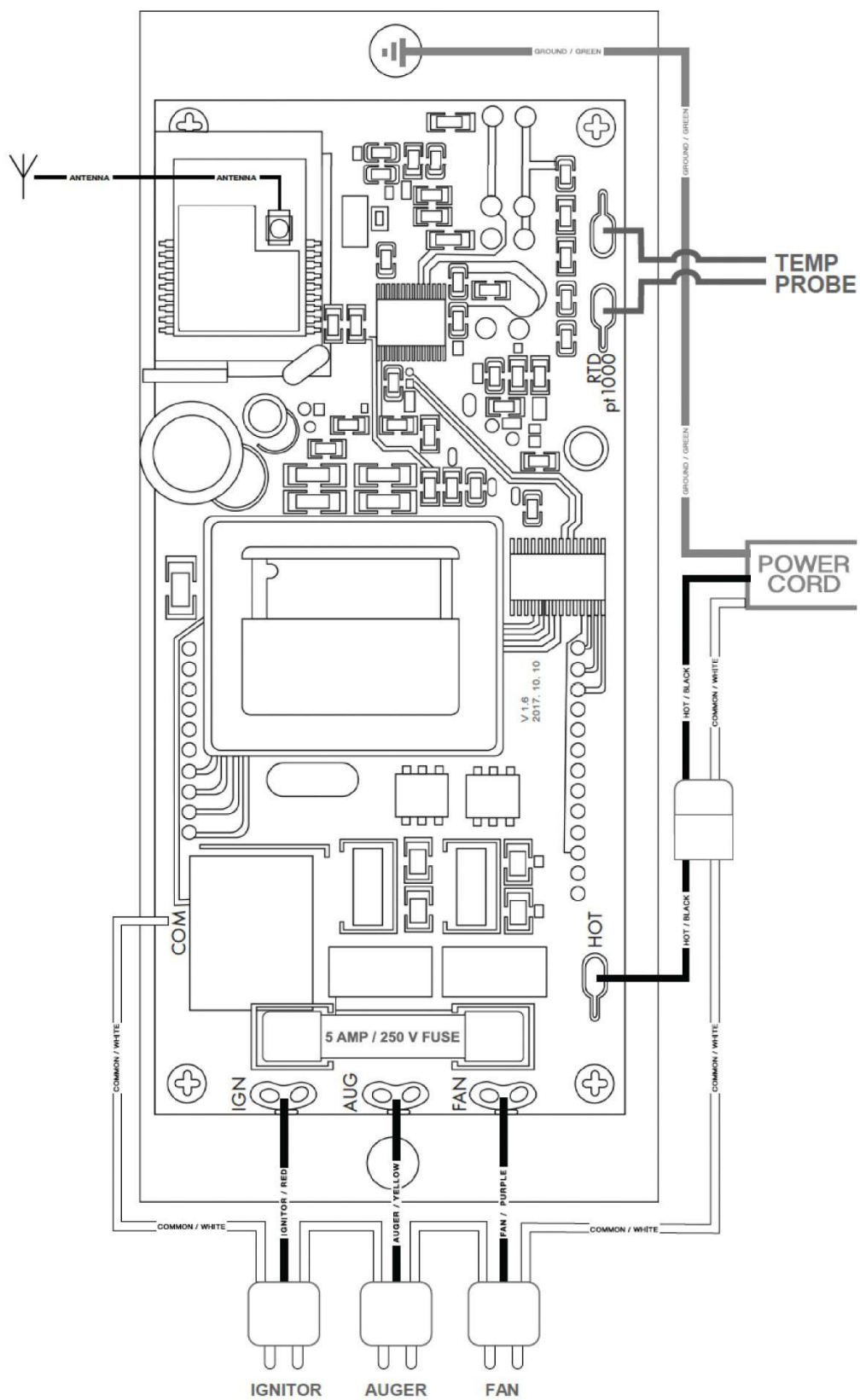
3. Light the fire starter.
4. After the pellets are burning briskly, turn on your grill. If your fire goes out, repeat steps 1-4.
5. If your fire stays lit, replace the heat deflector and cooking grates then close the lid.

Be careful not to touch the fire.

**CAUTION:** Do not use flammable liquids such as gasoline, gasoline-type lantern fuel, kerosene, charcoal lighter fluid, or similar liquids to start or freshen-up the fire! Keep all such liquids well away from the grill while it is in use.



# Controller Schematic



## Warranty

This limited warranty covers the Bullseye Deluxe B380X Wood Pellet Grill manufactured by “recteq, LLC.” The Bullseye Deluxe carries a 4-year limited warranty from the date of purchase by the original owner against defects in material and workmanship when subjected to normal residential use. Limited warranty does not apply to paint, grill cover, or damage caused from corrosion.

### Conditions of Limited Warranty

1. During the term of the limited warranty, recteq, LLC’s obligation shall be limited to replacement of covered, failed components. recteq will repair or replace parts returned to recteq, freight prepaid, if the part(s) are found by recteq to be defective upon examination. recteq shall not be liable for transportation charges, labor costs, or export duties.
2. recteq takes every precaution to utilize materials that retard rust including the use of high temperature paint and stainless steel where advisable. Even with these safeguards, the protective coatings can be compromised by various substances and conditions beyond recteq’s control. High temperatures, excessive humidity, chlorine, industrial fumes, fertilizers, lawn pesticides, and salt are some of the substances that can affect paint and metal coatings. For these reasons, the limited warranties DOES NOT COVER RUST OR OXIDATION FOR ANY REASON.
3. The warranty is based on residential use. Warranty coverage does not apply to products used in commercial applications.

### Exceptions to the Limited Warranty

There is no written or implied performance warranty on recteq, as the manufacturer has no control over the installation, operations, cleaning, maintenance or the type of fuel burned. This limited warranty will not apply nor will recteq assume responsibility if your product has not been installed, operated, cleaned, and maintained in strict accordance with the manufacturer’s instructions. The warranty does not cover damage or breakage due to misuse, improper handling, or modifications. NEITHER THE MANUFACTURER, NOR THE SUPPLIERS TO THE PURCHASER ACCEPTS RESPONSIBILITY, LEGAL OR OTHERWISE, FOR THE INCIDENTAL OR CONSEQUENTIAL DAMAGE TO THE PROPERTY OR PERSONS RESULTING FROM THE USE OF THIS PRODUCT. ANY WARRANTY IMPLIED BY LAW, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS, SHALL BE LIMITED TO FOUR (4) YEARS FROM THE DATE OF ORIGINAL PURCHASE. WHETHER A CLAIM IS MADE AGAINST THE MANUFACTURER BASED ON THE BREACH OF THIS WARRANTY OR ANY OTHER TYPE OF WARRANTY EXPRESSED OR IMPLIED BY LAW, 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 PRICE OF THIS PRODUCT. ALL WARRANTIES BY MANUFACTURER ARE SET FORTH HEREIN AND NO CLAIM SHALL BE MADE AGAINST MANUFACTURER ON ANY ORAL 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.

The limited warranty for FOUR (4) years is in lieu of all other warranties expressed or implied, at law or otherwise, and recteq does not authorize any person or representative to assume for recteq any obligation or liability in connection with the sale of this product. This means that no warranties, either expressed or implied, are extended to persons who purchase the product from anyone other than recteq or an authorized recteq Distributor.

### Procedure for Warranty Service

Call recteq (706)922-0890 for repair or replacement of your covered parts. Be prepared to furnish the following information.

- Purchaser’s name, model, and serial number of grill, and date of purchase.
- An accurate description of the problem.