



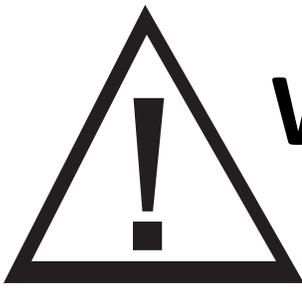
# RT-825XF MANUAL



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

WHEN CONNECTING TO THE RECTEQ APP, ENSURE ALL GRILL FIRMWARE IS UPDATED, IF APPLICABLE

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

CHECK AND CLEAN FIRE POTS REGULARLY BY TURNING LEVER ON SIDES OF GRILL; THIS WILL ENSURE PROPER IGNITION AND HEAT OUTPUT. NEVER OPERATE LEVER WHILE GRILL IS HOT.

TO PREVENT FLARE UPS, CLEAN/REMOVE RESIDUAL GREASE FROM DEFLECTOR, GRATES, AND BOTTOM OF GRILL REGULARLY, ESPECIALLY PRIOR TO COOKING ABOVE 350° (Smoke Mode) or LO (Grill Mode). USE OF ALUMINUM DRIP PANS UNDER GRATES DURING LONG SMOKING COOKS IS HIGHLY RECOMMENDED

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

IF NECESSARY, USE 14 GAUGE OR HEAVIER EXTENSION CORD THAT'S RATED FOR OUTDOOR USE AND ALWAYS UNPLUG 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

DO NOT MANUALLY FILL YOUR FIREPOT WITH PELLETS.

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



# 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

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

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

**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.

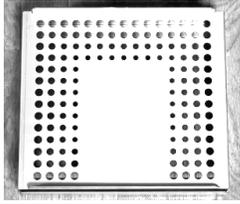
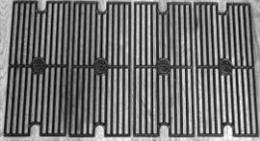
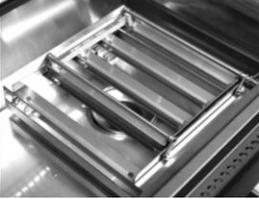
We invite you to join the vibrant and growing recteq social media community. Whether you want to contribute your own tips and recipes, learn from others, or a bit of both, please jump right in. You now have an incredible tool for cooking. Let's see how you use it!

Thank you for choosing recteq.

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

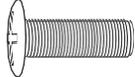
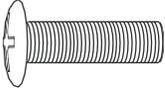
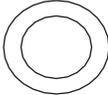
A handwritten signature in black ink that reads "Ray Carnes". The signature is fluid and cursive, with the first letters of "Ray" and "Carnes" being significantly larger and more stylized than the rest of the letters.A handwritten signature in black ink that reads "Ron Cundy". The signature is fluid and cursive, with the first letters of "Ron" and "Cundy" being significantly larger and more stylized than the rest of the letters.

# CONTENTS

Component	Qty	Step	Illustration	Component	Qty	Step	Illustration
Caster Wheels	2	4		Deflector	1	9	
Fixed Wheels	2	4		Stainless Steel Top Cooking Grate	1	9	
Side Shelf w/ Controller	1	5		Pull Bar	1	7	
Legs	4	2		Cast Iron Cooking Grates	4	9	
Bottom Shelf	1	3		Drip Bucket	1	9	
				Adaptive Sear Control			

*\*Adaptive Sear Control Deflector (not pictured) is already installed in grill*

## Hardware Contents

Hardware	Specs	Step	Illustration
Small bolts used to mount legs and bottom shelf.	M6 x 1.00 Length:.75in Quantity: 20	2 & 3	
Small flat washers used for legs and bottom shelf.	M6 Quantity: 20	2 & 3	
Small lock washers used for legs and bottom shelf.	M6 Quantity: 20	2 & 3	
Medium bolts used for fixed wheels and caster wheels	M8 x 1.25 Length:1in Quantity: 16	4	
Medium flat washers used for fixed wheels and caster wheels	M8 Quantity: 16	4	
Medium lock washers used for fixed wheels and caster wheels	M8 Quantity: 16	4	

**VIDEO ASSEMBLY INSTRUCTIONS ARE AVAILABLE IN THE SUPPORT SECTION ON RECTEQ.COM**

**Step 1: Unpack and Prepare for Assembly**

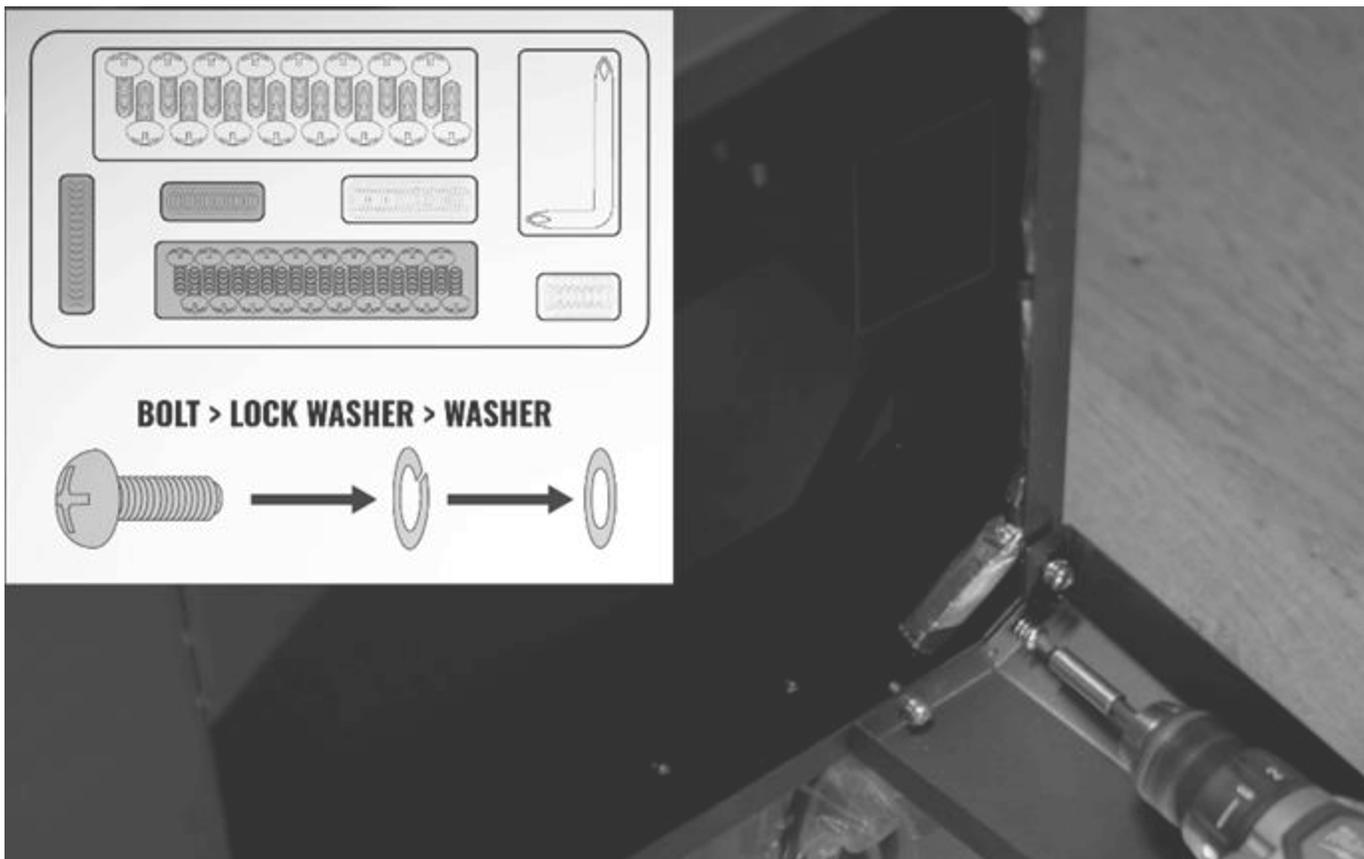
Remove and unwrap all items from grill body.

With assistance, lay grill body on its back using packing material to protect from damage. Be aware of sharp edges and points while assembling.

**Step 2: Attach Legs**

Start with grill on its back. Attach each leg to all four corners of the grill body using 3 small bolts with lock washer and flat washer for each bolt (see diagram).

Hand-tighten all bolts before tightening with screwdriver or drill.

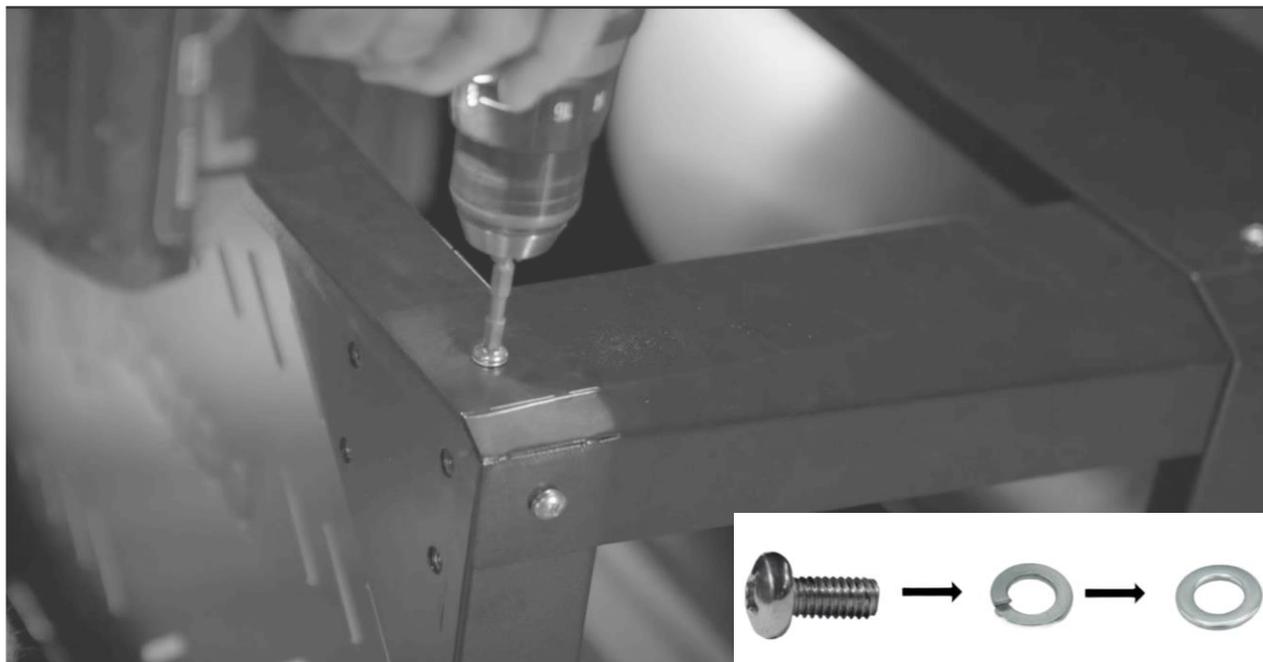


(USE OF AN IMPACT DRILL/DRIVER IS NOT RECOMMENDED)

### Step 3: Attach Bottom Shelf

Ensure recteq logo is facing front of grill and align shelf with feet of the four legs.

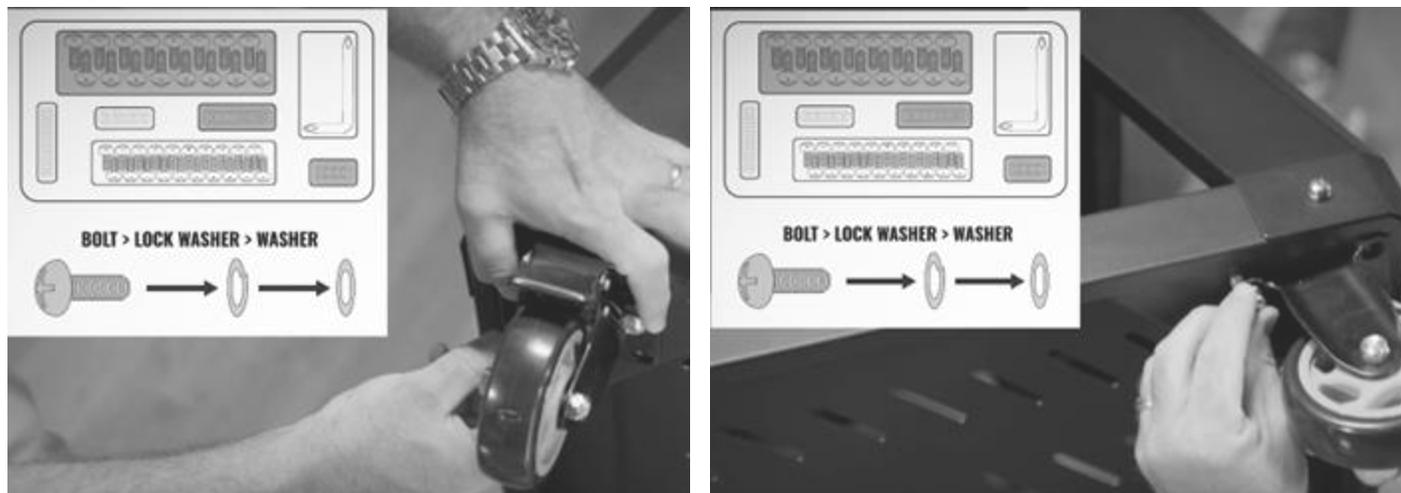
Attach all four legs to bottom shelf using small bolt, lock washer, and flat washer.



### Step 4: Attach Wheels

Attach both fixed wheels to the left side of the bottom shelf using medium bolt, lock washer, and flat washer.

Attach both caster wheels to the right side of the bottom shelf using medium bolt, lock washer, and flat washer.



## Step 5: Attach Side Shelf

With assistance, hold side shelf in place and attach side shelf to barrel using included hardware



## Step 6: Connect Conduit from Grill Body to Side Shelf

Remove conduit plate and wingnut from power cord packaging.

Using the threaded ring, attach the conduit wire and plate.

Connect all wires at end of the conduit to the matching/labelled wire connections from side shelf

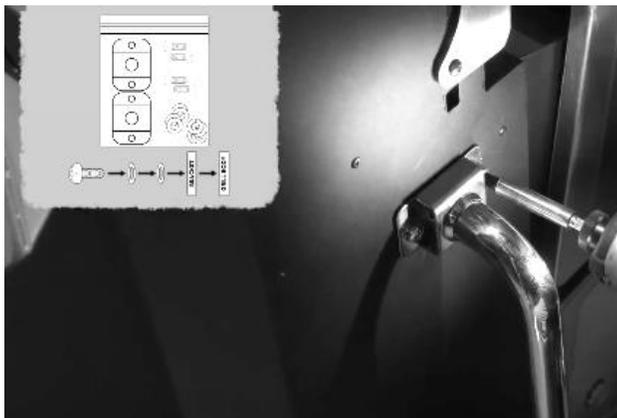
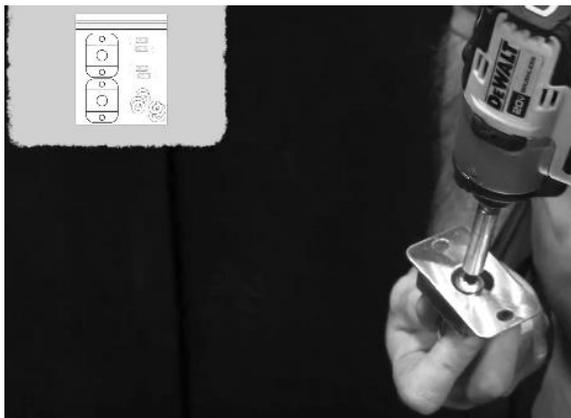
Push wiring into side shelf and use the wingnut to attach conduit plate to side shelf.



### Step 7: Install Pull Bar

Attach pull bar to brackets using pre-installed bolts

Attach pull bar to barrel using included hardware



### Step 8: Stand Grill Upright

With assistance (two person lift recommended) and caster wheels locked, stand grill upright.

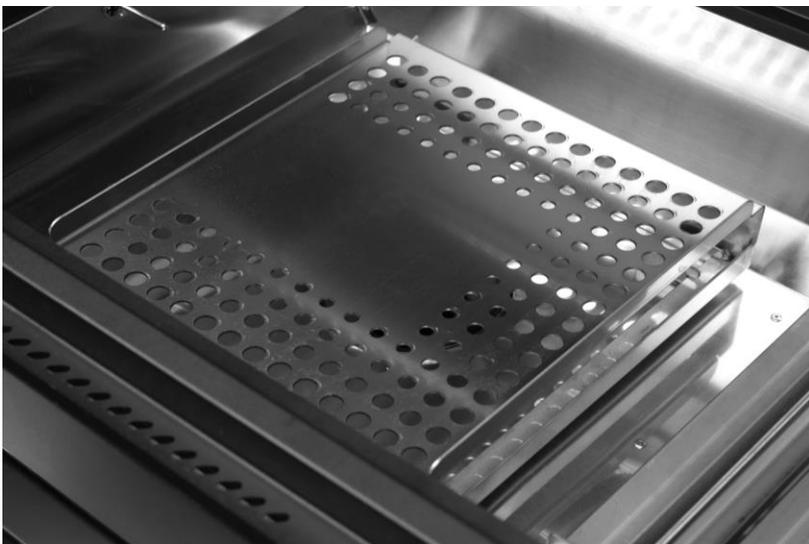
### Step 9: Insert Deflector, Cooking Grates, and Bucket

Insert Stainless Steel Deflector over left side firepot, as pictured.

Insert 4 Cast Iron Cooking Grates

Insert Stainless Steel Top Cooking Grate

Attach Drip Bucket to clip underneath grill



## Initial Setup Procedure

Before cooking for the first time, we recommend you remove the cooking grates and wash them with mild soap and water. Fill both sides of your hopper at least halfway and place a 1/4 cup of pellets in the firepots. Turn the far left knob on the front of the grill to SMOKE MODE and set your controller 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

**THE X-FIRE REQUIRES FAMILIARIZATION OF TWO PRIMARY FUNCTIONS, SMOKE MODE AND GRILL MODE. SMOKE MODE IS INTENDED FOR CLOSED LID COOKING WHILE GRILL MODE IS DESIGNED FOR ACTIVE COOKING WITH THE LID OPEN. USE THE LEFT KNOB ON THE FRONT OF THE GRILL TO SELECT WHICH MODE YOU WANT TO USE.**

**Prior to using your grill, you will want to clear the ash from previous cooks out of the firepots by turning the ash release lever on each side of your grill. Turning each lever to the horizontal position will activate the bottom of your firepot and drop the ash into the ash drawers. Return the ash lever to the vertical position before emptying drawer and replace the drawer prior to starting your grill. NEVER ACTIVATE YOUR ASH LEVER WHILE GRILL IS HOT!**

GRILL MODE will illuminate all knob rings in red, is designed for open lid cooking, and gives you control over both firepots, independently, using the two middle knobs on the front of the grill. Turn either knob to Low, Med, High, or Max to independently control the heat on each side. The left side of the X-Fire Pro has a fixed deflector shield while the right side utilizes Adaptive Sear Control. Adaptive Sear Control can be partially or fully opened or closed by utilizing the right knob on the front the grill and gives you the ability to control how much direct flame you want.

SMOKE MODE will illuminate the left knob ring white, is designed for closed lid cooking, and will operate the left side firepot only. The controller, located in the side shelf, will illuminate and give you the ability to control your smoking temperature from 225° to 400° in 25° increments.

Note\* There is a grease drain in this grill, however not all of your grease is going to make it across the grill barrel and into the bucket, so the easiest and simplest solution is to utilize an aluminum pan on long low and slow cooks. Aluminum pans aren't required but it simply doesn't get any easier than that as the X-Fire Pro was designed with adequate space between the deflector shields and grates for this specific reason.

OFF will illuminate the left knob ring blue, will enter cool down mode, and the blower fan(s), and auger motor(s) will for a short period of time to burn the remaining pellets in the firepot(s). Once the blue ring turns off, cool down sequence is complete, and you can unplug your grill. DO NOT cover or store your grill until it is completely cool, this can take 30-60 additional minutes depending on heat levels.

## Operating Your Grill

WIFI: Download the recteq app from Apple App Store for Apple devices or Google Play for Android devices, and follow the directions on app. Be sure to update any applicable firmware

WIFI Troubleshooting: Go to [recteq.com/wifi-setup](http://recteq.com/wifi-setup) or call (706)922-0890

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  
30

Adjustable Parameter 1: Min Feed Rate - Min Feed Rate is the minimum rate that the auger is allowed to feed fuel to the fire pot, regardless of Set Point, in Smoke Mode. 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. *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.

*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 may signify that your minimum feed rate was adjusted too low and needs to be increased.*

### Probe A Calibration

3 PrA  
0

Adjustable Parameter 2 and Probe Calibration: Temperature Offset - Your grill and probes have been precisely calibrated at our facility, but the Temperature Offset allows you to customize how your controller will report temperature. Should you choose to rely on a secondary temperature probe, you can use the following process to recalibrate your Smart Grill Technology Controller. You can also change the calibration of each meat probe port if needed.

### Probe B Calibration

4 PrB  
0

The current temperature offset percentage value will be displayed. Turning the Temperature Control Knob clockwise will increase, and turning counterclockwise decrease the value, respectively.

## Shutting Off Grill

When you are done cooking, simply turn the left knob on the front of the grill to OFF. 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. In SMOKE MODE, 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.

### SMOKE MODE

Smoking: 225° to 275°

Roasting: 275° to 325°

Braising: 325° to 375°

Baking: 375° to 400°

### GRILL MODE

Low: 225° to 450°

Medium: 350° to 650°

High: 500° to 850°

Max: 800° to 1200°

*\*variables include: pellet quality, weather/wind, lid open/closed, Adaptive Sear Control (open/closed)*

## Tips, Tricks, and Temps

- Always use grill on a level surface and lock/secure wheels
- Check and clean fire pots regularly by turning lever on sides of grill; this will ensure proper ignition and heat output. NEVER operate lever while hot.
- 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.
- In SMOKE MODE, 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, BY TURNING THE ASH REMOVAL LEVER (ONLY WHILE GRILLS IS COOL) ON THE SIDES OF THE GRILL EVERY 1-2 COOKS OR AFTER EVERY 4-5 HOURS OF COOKING TIME, TO ENSURE PROPER AIRFLOW.
- 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.

**After completing a low and slow cook that has caused the accumulation of grease, you must clean and/or remove all grease accumulating items before cooking again. 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. Unplug grill and check for blown fuse; refer to controller schematic on page 23.
	Fuse	Replace fuse manually and try again. Call Customer Service or visit recteq.com if problem persists.
	Igniter	Remove cooking grate, heat deflector, and drip pan; 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 Then your igniter rod may need to be replaced. Call Customer Service. (706)922-0890</li> </ul>
	Auger Motor	Remove cooking grate, heat deflector, and drip pan (if applicable); 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. (706)922-0890
	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 1-2 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 persists, your blower fan may need to be replaced. Call customer service. (706)922-0890
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 firepot/smokestack/vents 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 and/or excess dust can 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 heat 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. (706)922-0890
Flare ups	Excessively greasy food while temperature setting is too high	Cook at 350°F or below when cooking excessively fatty foods.
Excessive grease/build up	Excessively greasy food	Cook at 350°F or below when cooking excessively fatty foods.
Smoke coming from hopper	Excess ash in firepot	Use ash lever on sides of grill to remove ash from firepot (NEVER OPERATE LEVER WHILE GRILL IS HOT)
	Pellet level very low in hopper or excess dust in hopper/auger	Add more pellets to hopper or remove pellets and vacuum excess dust hopper
	Grease buildup in vents/smokestack	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 recteq manually:

1. Remove the cast iron grates and heat deflector/Adaptive Sear Control.
2. Clean out fire pot and place no more than 1/4 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.

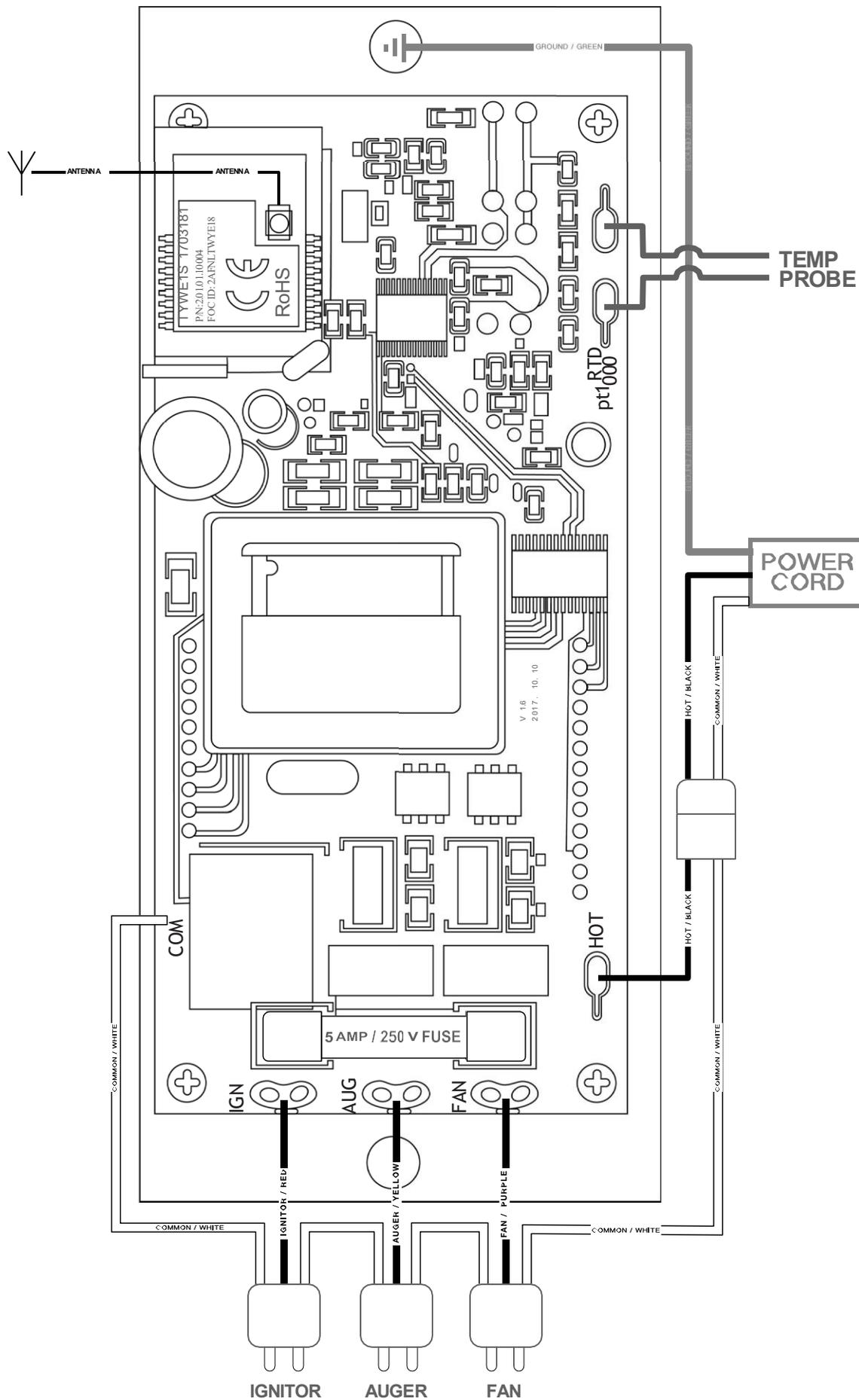
3. Light the fire starter.
4. After the pellets are burning briskly, turn on your grill. If your fire goes out, repeat steps 1-4.
5. If your fire stays lit, replace the deflector/Adaptive Sear Control and cast iron cooking grates.

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.

IF YOU HAVE NEED ASSISTANCE, PLEASE CONTACT OUR U.S. BASED CUSTOMER SUPPORT CENTER (706)922-0890

# Controller Schematic



## X-Fire Pro Warranty

This limited warranty covers the X-Fire Pro Wood Pellet Grill manufactured by “recteq, LLC” X-Fire Pro carries a 6-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 SIX (6) 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 SIX (6) 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 Registration and Service

Provide the following information to recteq by phone: (706)922-0890 or email: support@recteq.com

- Purchaser’s name, address, shipping address, email address, phone #, grill model, grill serial number, date of purchase, and place of purchase

If service is required, please provide an accurate description of the issue