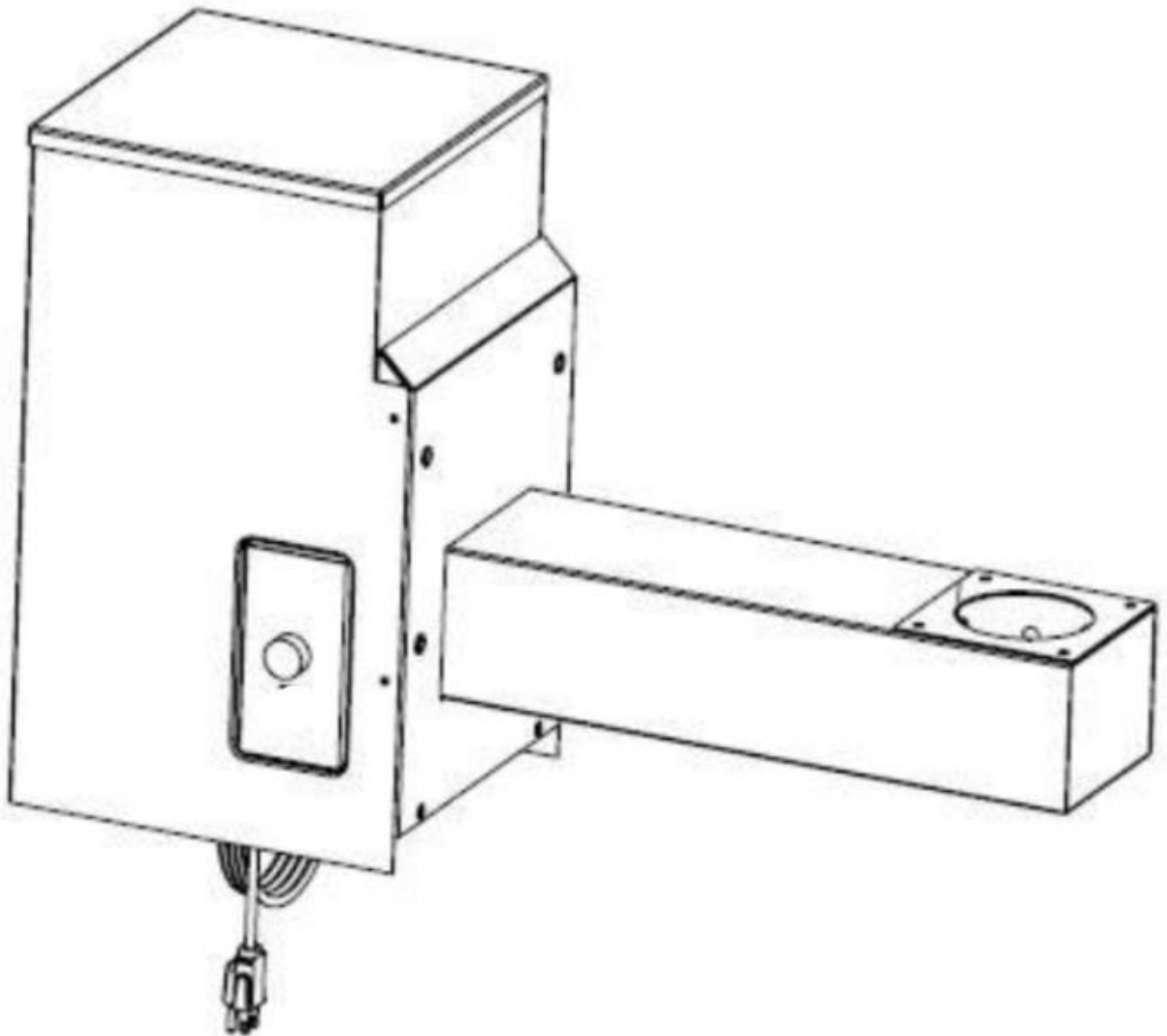


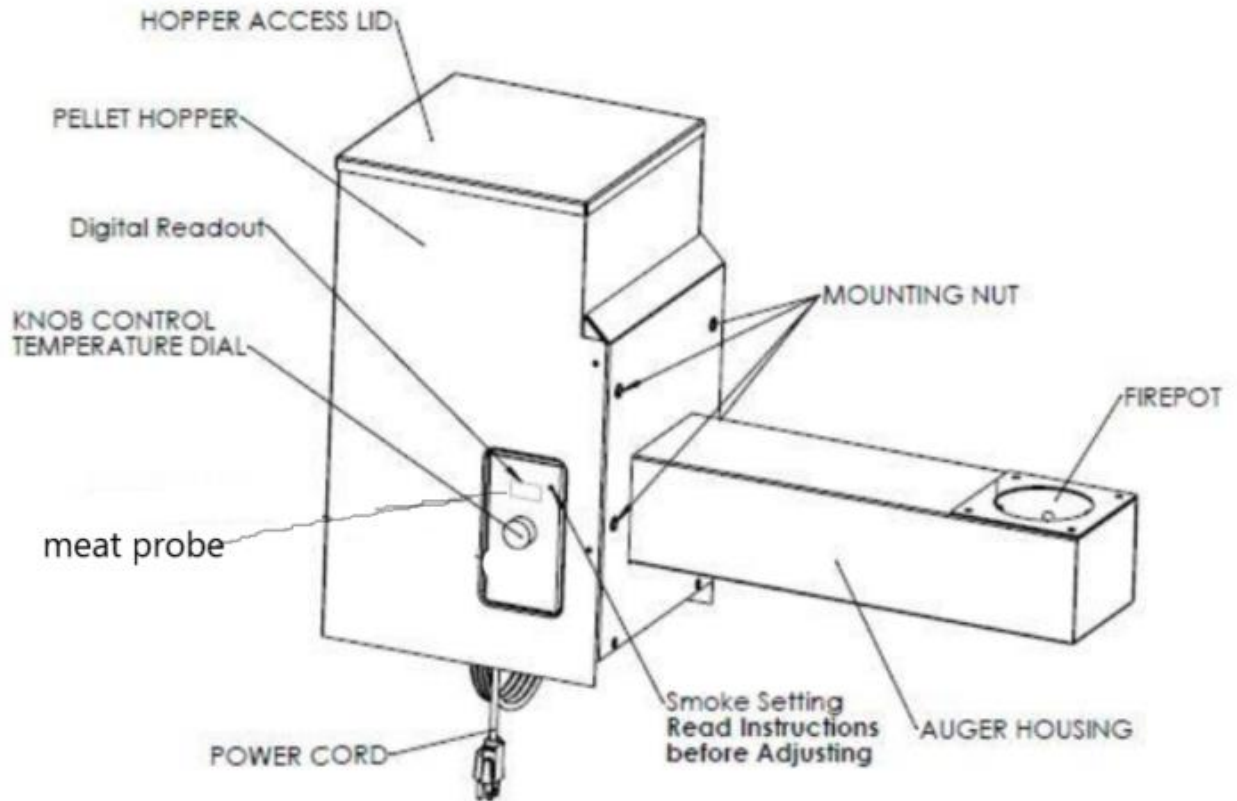
Instruction Manual

Wood Pellet Grill Hopper with digital thermostat kit



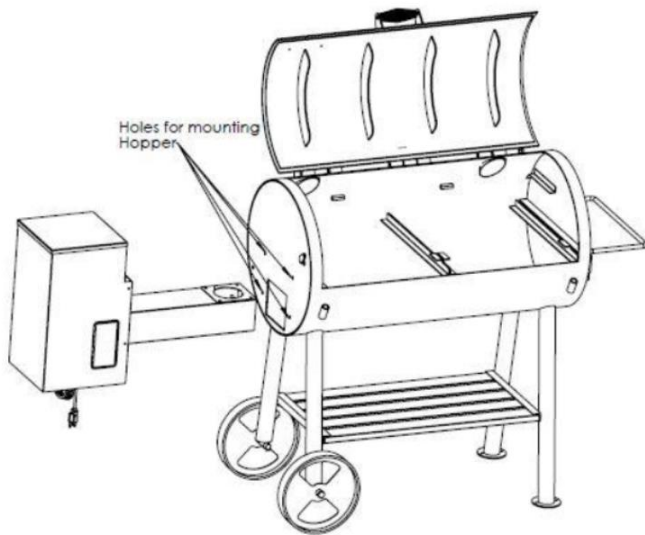
WARNING: This pellet hopper is intended as a replacement part for pellet grills. Read this entire manual and all literature pertaining to your application prior to installing.

Pellet Hopper Terminology

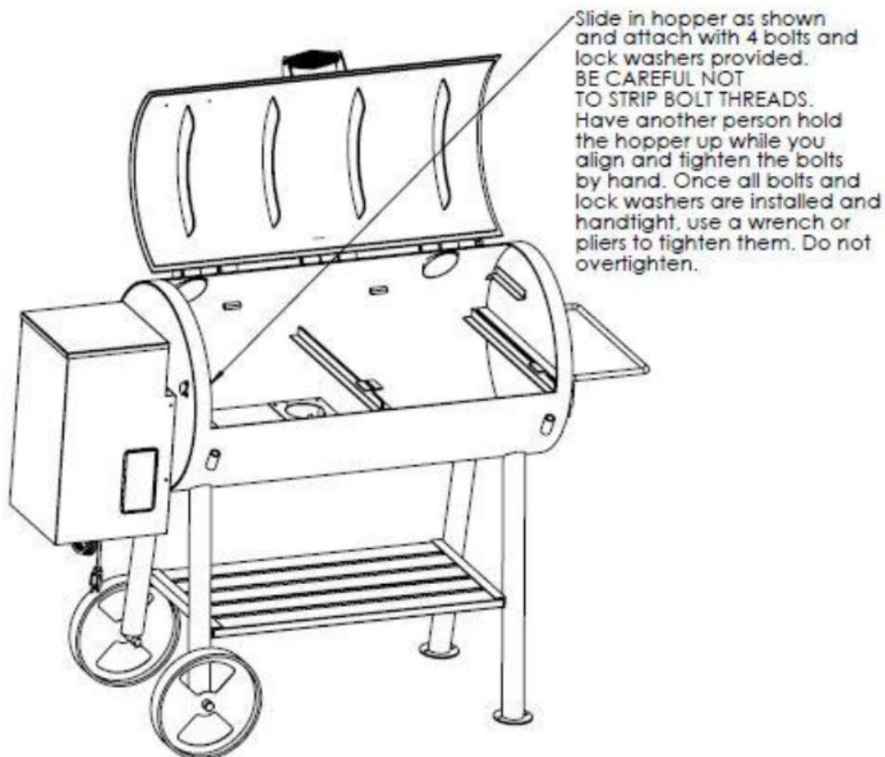


Installing the Hopper (Requires 2 people)

1. Remove hopper from packaging and check for the following parts:
 - A) Pellet Hopper Assembly
 - B) 4 – bolts and lock washers
 - C) 1 – RTD sensor and meat probe
2. Open lid to grill and remove the grill grates, drip pans and heat baffle from inside the grill.
3. Have 1 person hold the hopper assembly and slide it into the side of the grill as shown below



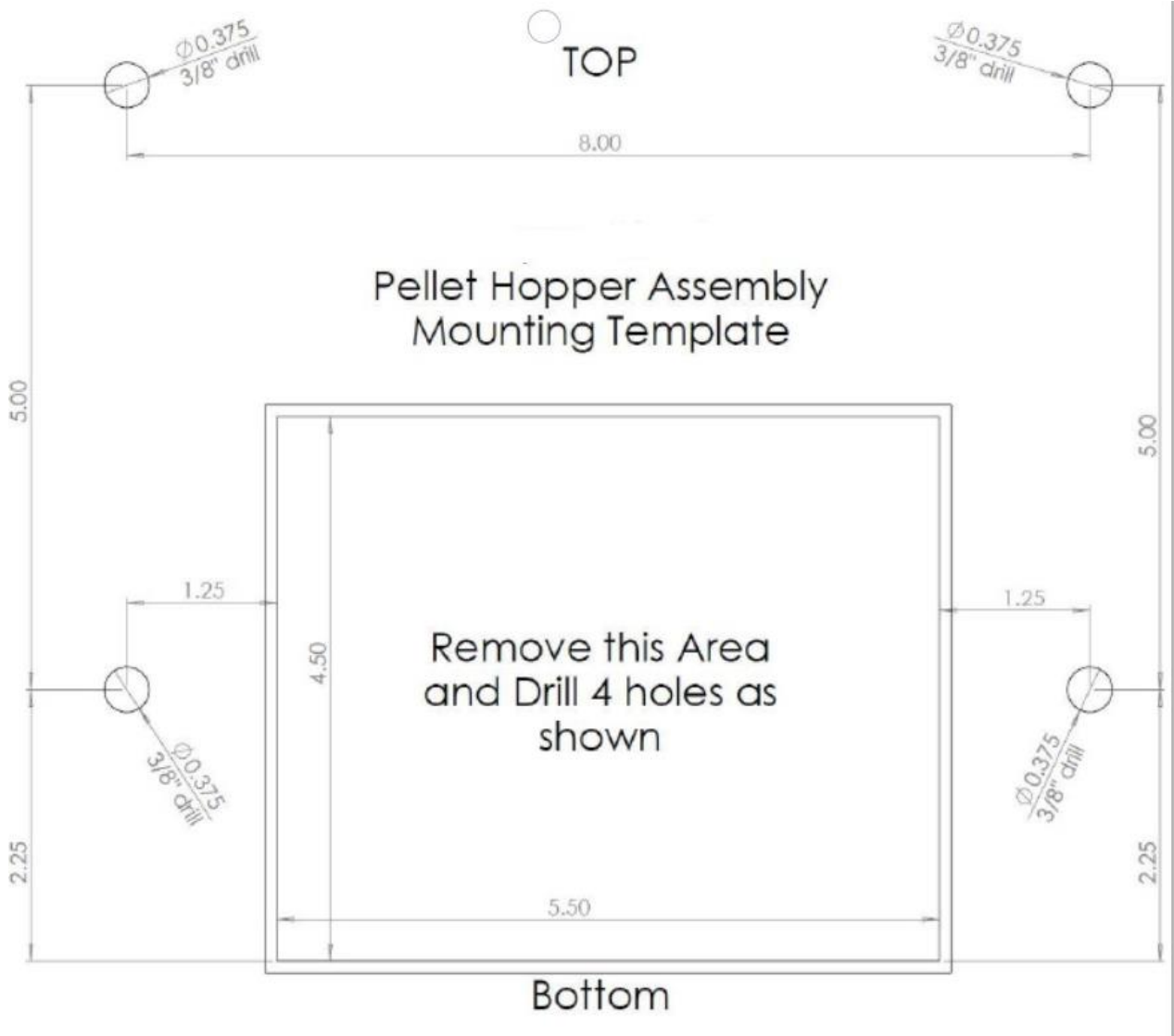
- Slide the hopper all the way in until it contacts the grill side. Have the other person hold the hopper in place while you screw in a bolt and lock washer into each of the 4 mounting locations from the inside of the grill as shown below.



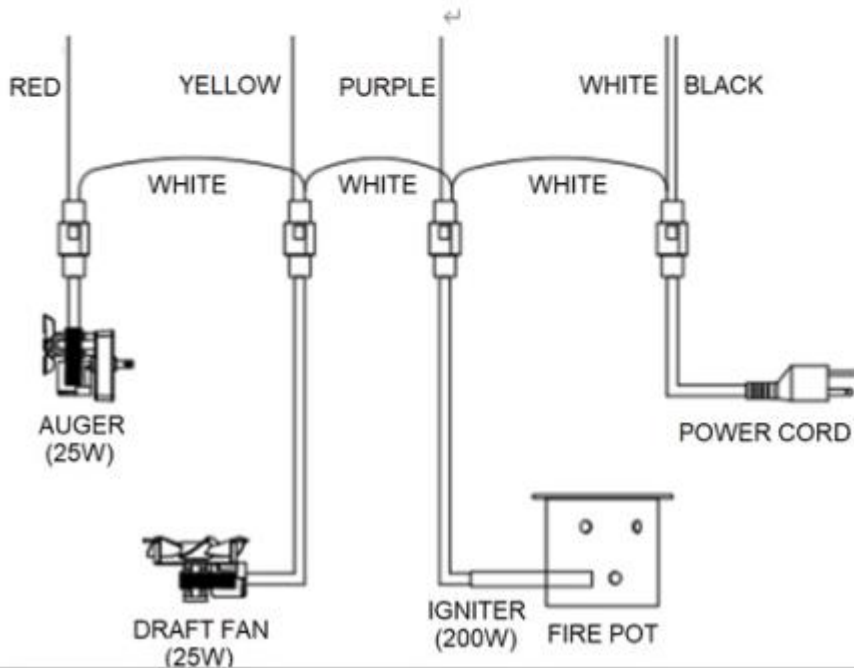
Installing the RTD temperature sensor

- Locate the RTD sensor
- Carefully cut the cable tie securing the RTD wires to the RTD. Remove the screw and lock nut from the RTD mounting bracket if they are attached.
- Locate the mounting bracket at the left inside of the grill.

4. Thread the RTD wire through the hole of grill body until the RTD mount is flat against the bracket surface.
5. Use the screw and locknut to secure the RTD to the bracket.
6. Replace heat baffle so that it is centered over the FIREPOT
7. Replace the drip pans and grill grates.
8. Plug the power cord into a ground fault detecting plug capable of supplying 110-120v AC.
9. Fill hopper with pellets to prepare the grill for seasoning and first use.



If you are attaching this hopper to your own custom grill design, refer to the mounting template to make the proper cutout for mounting the hopper



Adjustment of the “P” (Smoke) Settings

The factory default setting is P-4. The setting range available is from P-0 to P-7 (however it is not recommended that a setting above 7 ever be used). The “P” readout will change each time you depress the switch.

With all “P” settings, the **Auger motor on** time remains constant at 18 seconds while the **Auger motor time off** is influenced by the “P” setting.

P-0 Setting: Auger motor on time of 18 seconds, off time: 55 seconds

P-1 Setting: Auger motor on time of 18 seconds, off time: 70 seconds

P-2 Setting: Auger motor on time of 18 seconds, off time: 85 seconds

P-3 Setting: Auger motor on time of 18 seconds, off time: 100 seconds

P-4 Setting: Auger motor on time of 18 seconds, off time: 115 seconds

P-5 Setting: Auger motor on time of 18 seconds, off time: 130 seconds

P-6 Setting: Auger motor on time of 18 seconds, off time: 140 seconds

P-7 Setting: Auger motor on time of 18 seconds, off time: 150 seconds

Increasing the number **decreases** the Smoking Temperature. Decreasing the number **increases** the Smoking Temperature.