

# **ROTISSERIE OPERATION**

## **SUMMARY**

(Refer to Operating Manual for details)

### **1. BUILDING A FIRE.**

- a. Make sure the exhaust hood is operating before building a fire.
- b. Don't throw logs into the firebox. Place the wood and/or charcoal in the firebox.
- c. Start the fire by using kindling or safe (low volatility) fire starting aids. **NEVER** use charcoal lighting fluid.

**CAUTION: THERE MUST BE A FIRE IN THE BOTTOM OF THE UNIT WHENEVER THE UNIT IS IN OPERATION. OTHERWISE, GREASE WILL ACCUMULATE IN THE BOTTOM AND CREATE A FIRE HAZARD.**

### **2. LOADING AND UNLOADING THE SPITS.**

- a. Each spit has one end that has been rounded off and one end that is hex shaped. To install a spit, insert the rounded end of the spit into the hexagonal spring loaded sprocket until the opposite end of the spit can be inserted into its opposing hexagonal socket. Make sure that each end is securely seated into its respective socket.
- b. To unload the spits, the procedure is reversed.

**CAUTION: NEVER TRY TO INSTALL OR REMOVE A SPIT WHILE THE ROTISSERIE IS TURNING. NEVER REACH INTO THE ROTISSERIE AREA WHILE IT IS MOVING. SERIOUS INJURY MAY RESULT.**

### **3. THE INFRARED SHIELD**

The infrared shield must be in place whenever there is a wood/charcoal fire in the unit and the infrareds are not on for an extended period. Otherwise, smoke and ashes from the fire will clog the infrareds and prevent them from operating efficiently or at all.

### **4. END OF THE DAY CLEAN UP.**

- a. All wood and coals should be removed from the unit and placed into a tightly sealed metal container that is stored in a safe location, away from combustibles.

Do not dump ashes into a dumpster until you are sure that no embers remain (sometimes they can remain live for several days).

**CAUTION: NEVER USE ICE OR WATER TO PUT OUT A FIRE IN THE ROTISSERIE. THIS MAY CAUSE THERMAL SHOCK THAT MAY DAMAGE THE REFRACTORY.**

- b. Wipe down the stainless steel upperworks, taking care not to splash any water on the infrareds. Using a brush, clean the spring side to remove any grease or food particles from the springs.

## **ROTISSERIE MAINTENANCE** **SUMMARY**

### **DAILY:**

1. Lubricate the grease fittings on the bushings on the drive side rotisserie wheel with high temperature grease with a Teflon additive and cartridge type grease gun.
2. If applicable, clean all pipe burners and make sure no holes are plugged.

### **MONTHLY:**

1. Lubricate the chain with WD-40 or equal.
2. Clean the back exit flue thoroughly. If this flue is not kept clean, the accumulations of solids will corrode the flue and retard the exhaust flow.
3. Check the infrared burners for proper operation. They should burn a bright reddish/orange color. Clean the orifices, if necessary.

### **EVERY 90 DAYS:**

1. Lubricate the rotisserie shaft bearing (accessed from the sides by removing the square bearing covers) with a high temperature grease with a Teflon additive using the grease fitting of the bearing and a cartridge type grease gun.
2. Check for refractory damage and arrange to patch, if necessary.