

# Midwest Metal Werks LLC.

## **GAS UNIT POWERING & GENERAL INFORMATION GUIDE**

**\*\*FOR THE FIRST POWERING CYCLE, PLEASE RUN AUTO TUNE ON THE DESIRED TEMP\*\*  
DIRECTIONS ARE FOUND IN THE PID MANUAL FOR AUTO TUNE**

### **Power ON instructions:**

Turn the knob on the top of the burner to the ON position (also shown in burner manual). Now refer to the control panel. Turn on the power. Let the PID controller run for 3-5 seconds before turning the burner switch on. If you have programmed autotune and are going to use the same temperature range, do not adjust the temperature, simply turn the burner switch on. If a new temperature is desired change the temperature on the PID controller then turn the burner switch on. The unit is now fully operational and ready for use.

### **Power OFF instructions:**

Turn the circulation fan switch, burner switch, and the exhaust switch off. Turn the knob on the top of the burner to the OFF position (also shown in the burner manual). Open unit door(s) just a tad if desired for faster heat escape. **ALLOW THE TEMP TO COOL DOWN TO 150 DEGREES BEFORE POWERING OFF THE UNIT.** When the unit has cooled down to 150-160 then go ahead and power the unit completely off with the power switch. Ensure all gas valves are shut off/closed when the unit is not in use.

### **Circulation fan instructions:**

Turn the fan switch on and let the fan run as needed or for the application or for however long desired. Fans can run during the entire process or when needed. The internal fan acts as a circulation system to eliminate hot spotting. When not in use or finished using, turn the fan switch off to end fan movement.

### **Exhaust fan instructions:**

Turn the fan switch on, ensuring the fan has been powered. When powering down the unit allow the exhaust fan to run for 3-4 minutes prior to complete unit shutdown.

### **Emergency Stop Instructions:**

The emergency push to stop should be used in case of an emergency or immediate need for unit shut down. To engage the emergency stop, push the button in and the unit will cut all function to the panel. To release the emergency stop, simply turn the knob and all function will be returned to the panel. **\*\* (THE EMERGENCY STOP DOES NOT CUT GAS SUPPLY) \*\***

### **\*\*IMPORTANT NOTICES\*\***

**If the burner has flashing lights, will not ignite, or shuts down, please refer to the burner manual**