Paktronic Controller Instructions

Version with Pointer and Button

The Paktronic controller on your kiln is simple to use:

1. Turn the pointer to the firing temperature.

2. Press the button to begin firing.

The kiln will heat at full power until it reaches the desired temperature. Then it will automatically turn off and begin to cool down. The pilot light shows when the elements are turned on.

To turn the kiln off at any time during firing, turn the temperature pointer all the way to the left.

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Paktronic Controller Instructions

Version with Pointer and Toggle Switch

Your kiln is equipped with a single set point temperature controller. It is easy to use. Dial in the firing temperature. Then set the toggle switch to either shut off the power after the firing temperature is reached, or to hold that temperature indefinitely. The kiln will begin firing. See below for details:

Ramp to a Temperature and Hold

Turn the knob to the desired temperature on the temperature scale. Then move the toggle switch to the MANUAL/HOLD position. The kiln will climb at full power until it reaches the desired temperature. Then it will hold at that temperature indefinitely. To stop the firing, turn the temperature control knob full counter-clockwise to the line below 0 and move the toggle switch to the middle position.

To slow the rate of temperature climb, dial in progressive temperatures over a desired time.

Example:

You wish to fire the kiln to 1200° F. over a 3 hour period.

> 1. Set the temperature to 300° F, select MANUAL/HOLD.
>
> 2. 45 minutes later turn the pointer to 600° F.
>
> 3. 45 minutes later turn the pointer to 900° F.
>
> 4. 1 hour later turn the pointer to 1200° F.

If you want the kiln to shut off after reaching 1200° F., Move the toggle switch to the AUTO/OFF position at this time. Otherwise the kiln will fire at 1200° F. until you stop the firing as described above.

> **Note: when the kiln has reached the desired temperature, you will notice that the pilot light will turn on and off as the controller turns the heating elements on and off to maintain temperature.**

Ramp to a Temperature and Shut Off

Turn the knob to the desired temperature on the temperature scale. Then move the toggle switch to the AUTO/OFF position. After the kiln shuts off, turn the temperature control knob full counter-clockwise to the line below the 0.

If you wish to slow the rate of temperature climb, dial in progressive temperatures over a desired time as in the example above.

Note: when selecting the AUTO/OFF position, the switch will not stay in this position. When you release the toggle, it will return to the middle position. Therefore, you must select the temperature before engaging the switch.

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