

# Power Control Box Instructions

**Paragon Industries, L. P.**

**Better  
designed  
kilns**

## Important Safety Rules

- The kiln plugged into the Power Control Box must not exceed the maximum amperage of the Power Control Box.
- Unplug kiln when not in use.
- Do not touch hot sides.
- Keep unsupervised children away.
- Place kiln (and the stand furnished with kiln, if any) on a non-combustible surface.
- Do not install closer than 12" from any wall or combustible surface.
- Fire only in a well ventilated, covered and protected area.
- Keep cordset away from hot sides of kiln.
- **DANGEROUS VOLTAGE:** Do not touch heating elements with anything.
- Disconnect kiln before servicing.
- Do not leave kiln unattended while firing.
- Wear safety glasses when cutting glass.
- Wear firing safety glasses when looking into a hot kiln.
- Keep food away from your work area.
- Never fire tempered glass inside a kiln. It could explode.
- Avoid firing toxic materials inside the kiln, such as styro-foam (used as a core for silver clay hollow beads).

## Instructions

The Power Control Box uses an infinite control switch, which cycles on and off to control the heating rate.

MIN = Minimum heating rate

MAX = Maximum heating rate

The higher the number that you select, the faster the kiln will fire.

The switch makes a clicking noise every time it cycles. That clicking noise is normal and means that the switch is turning the power to the heating elements on and off to



control the heating rate. When the switch is turned to Max (maximum), the clicking noise ceases, because the power remains on continuously.

A pyrometer is helpful in determining the switch settings to use on the Power Control Box. The pyrometer shows the temperature inside a kiln. If the pyrometer shows that the rate is too fast, turn the Power Control Box to a lower setting, and vice versa.

- 1** Insert the project into the kiln.
- 2** Plug the kiln into the Power Control Box. Plug the Power Control Box into the wall outlet.
- 3** If the kiln has an on/off switch, turn the switch to the On position.
- 4** Turn the Power Control Box to the desired switch setting. The higher the number, the faster the kiln will fire.
- 5** When the firing is done, turn the Power Control Box OFF.

**Warranty: One year parts and labor**

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