

## **PALLADIUM SWITCH**

### TO BE USED ONLY ON THE CRESS FIREMATE SPEED CONTROL

<u>Part No.</u>	<u>Description</u>
INF24031B	240 Volt
INF12032	120 Volt

**IMPORTANT: THIS PALLADIUM SWITCH CAN BE USED ONLY ON THE FIREMATE SPEED CONTROL.** Other kiln control functions draw higher amperage which will burn out this special switch.

Installation Note: IF THERE IS A RESISTOR AT THE TOP OF THE CONTROL PANEL, IT MUST BE DISCONNECTED. The resistor is a black cylindrical bar which has two jumper wires attached. Pull the terminal ends of the jumper wires off of the resistor, then follow the jumper wires to their other ends and clip them off with a wire cutter.

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This palladium switch has been designed for use on the CRESS FIREMATE Speed Control. For most applications, the amount of current which arcs across the contact points of a switch is sufficiently high to break through oxidation or contamination on the contact points. The FIREMATE Speed Control, however, draws only a fraction of one amp. In areas where there is high humidity and salt air, heavy air pollution or a lot of dust, this very low current may not be enough to break through the contamination. This switch has been designed to solve this problem. The contacts of this switch are made of palladium, a metal which resists oxidation, and the cross wire design increases the pressure at the contact point.

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