



FOR OVER 50 YEARS... THE KILN TECHNOLOGY LEADER

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E49 SERIES

SUPPLEMENTAL INSTRUCTIONS

SUPPLEMENTAL INSTRUCTIONS FOR OLD E49 SERIES FRONT LOADING KILNS

These instructions are meant as supplementary instructions to go along with the "R" Series instructions. The "R" Series kilns replaced the old E49 Kiln.

BASIC DESCRIPTION

The E49 is very similar to the R490 Kiln. It has a sheet metal case instead of a stainless steel case. These are front loading kilns with a maximum temperature rating of 2000°F. The kiln can be used for a variety of purposes including enameling, glass bead work, fusing, annealing, staining, ceramics, metal heat treating and melting as well as a variety of other industrial uses.

120 VOLT POWER SUPPLY

A 15 amp standard 120 volt circuit is all that is required to operate the E49. BE SURE NOT TO USE THAT SAME ELECTRICAL CIRCUIT FOR ANY OTHER USE WHILE FIRING THE KILN (YOU COULD OVERLOAD THE CIRCUIT.)

OPTIONAL AUTOMATIC CONTROLS

A variety of automatic temperature controls are available for the E49 Series. Please request separate bulletin for these controls. The kiln plugs into an independent control with contactor.

TROUBLESHOOTING AND REPAIR

See the separate **TROUBLESHOOTING GUIDE** included with these instructions.

ELECTRICAL SPECIFICATIONS

MODEL NO	WATTS	AMPS	OHMS PER ELEMENT
E49	1322	11.5	5.0

There are two elements of equal value. The kiln operates on 120 volts.

NOTE ABOUT OLD SWITCHES

NOTE ABOUT INPUT SWITCH: Older E49 kilns have a King-Sealy #73001 input switch. These are no longer available. If you are replacing this switch you need the conversion kit and switch (part no L-E-SW00/11). This includes a Robert Shaw 120 volt Infinite Switch and everything you need to make the conversion.

When replacing infinite zone switches, replace the electrical connectors. These electrical connectors will typically oxidize over time and this can cause overheating of the switch at the connection spade. This can in turn lead to early failure of the switch. Make certain that the new connectors are firmly crimped onto the wire. A crimping tool can be easily purchased from an electrical or hardware store. Evidence of this type of switch failure is discoloration at the spade terminals of the switch. This is not a warranty item.