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HORST UHLIG ENAMELLING KILNS ADVICE FOR USE

Uhlig kilns may be used for enamelling, pottery, porcelain, glass fusing and hardening techniques. Each kiln is rigorously tested before leaving our factory.

NOTES BEFORE USE:

Your kiln is fitted with a 13 amp plug with a 13amp fuse. Connect the kiln to an earthed wall socket.

Place your kiln on a heatproof surface with sufficient space to support the trivets and meshes when removing from the kiln. While stored the insulating material used in our kilns to surround the heating elements becomes hydrostatic: this means they absorb a certain amount of moisture. We suggest that you heat up the kiln when empty so that the humidity may escape while the temperature rises and initially, a certain amount of smell and smoke is released.

The discolouration at the front of the kiln, first brown and then a neutral colour, has no harmful effect on the function of the kiln.

Small fissures (cracks), may appear in the muffles when the kilns are heated. DO NOT WORRY, they are normal, and appear in nearly all kiln models and WILL NOT AFFECT KILN USE OR LIFESPAN OF THE UNIT.

BASIC KILN USE:

All our kilns, except the U24ST model are not fitted with a regulator. This may be purchased separately, coded U0001 and can be easily fitted between the kiln and the wall socket. The U0001 regulator is most beneficial if you are: enamelling for long periods, teaching or enamelling with advanced techniques such as painting, cloisonné and lustre's.

If using a kiln without a regulator, learn to judge the kiln temperature by the colour of the firing chamber.

If you leave the kiln when hot, even for a short while, ensure that you either open the kiln door to release the incoming heat or switch off at the mains.

THE ONLY WAY A KILN MAY BE DAMAGED IS FOR THE KILN DOOR TO BE SHUT WHEN HOT AND LEFT UNATTENDED, THE HEAT WILL BUILD UP WITHOUT RELEASE AND EVENTUALLY BLOW THE ELEMENT WIRES.

U5T Enamelling Kiln with Door switch:

This model, primarily for educational use, is fitted with a magnetic door switch. The door switch cuts off the electricity when the kiln door is opened. A red light indicates when power is entering the kiln.

Should the magnetic connection become loose and prevent the kiln from heating up, simply adjust the magnet by turning either clockwise or anti-clockwise to obtain a firm connection between the magnet and the kiln casing.

THE FUNCTION OF THE U0001 REGULATOR FOR ALL KILNS:

The regulator makes possible the control of electricity supplied to the kiln and thereby the kiln temperature.

The regulator is not a thermostat and will not regulate the temperature. It is fitted between the kiln and the power supply and works as a simmerstat alternately switching the electricity on and off. For example, if the regulator is set to No.10 electricity reaches the kiln without interruption. Setting the regulator to No.5 allows only 50% of the electricity to reach the kiln. From these figures one can deduce the electricity supply on other settings. When the electricity is reaching the kiln the RED LIGHT IS ON.

This goes out when the power is interrupted. The regulator takes a maximum loading of 3000 watts.

When starting, set the regulator to No. 10. the U15 takes 30-40 minutes to warm up, the U24ST takes 60 minutes. for larger pieces of metal used allow a few minutes longer.

For continual use, keep the setting at No. 10. If the kiln is not used immediately after warming up and the power is not cut back, the temperature can rise to over the maximum for the kiln used and there is a danger that the heating wires can burn out. The same is true if there are long pauses between loadings. In such cases reduce the electricity input by setting between 5-7. our regulator therefore makes it possible to retain the approximate necessary kiln temperature during breaks in enamelling with less risk and more economy.

SPARE PARTS & REPAIRS:

We stock a full range of kiln spare parts: muffles, elements, insulating bricks and mica windows. All these may be easily fitted and it is only advised that kilns be returned to ourselves for repair if no practical experience of electrical connections is known.

GUARANTEE:

Because we have no control over the way our kilns are used, we give one years guarantee from the date of purchase to cover transit and initial stages of use, which will reveal any basic fault.

HOWEVER, PARTS PURCHASED AND KILNS REPAIRED BY ANYONE OTHER THAN OUR EXPERIENCED STAFF WILL NOT BE COVERED BY OUR GUARANTEE.