

## Front Loading Kilns – General Instructions and Assembly.

Thank you for purchasing a Fired Up Kiln.

Our kilns have been securely packed for transport. Please note any damage that may have occurred in transit.

Some assembly will be required when you receive your kiln. Please take the time to read this sheet, and don't hesitate to contact us if you have any questions about setting up your kiln.

All kilns have been fully tested before leaving the factory, this involves two firings, one to 300c and the second to 1000c to ensure the kiln is ready to go when you receive it!

**Our front loading kilns are heavy!** Please bear this in mind when removing your kiln from its pallet and positioning it. Do not attempt to lift your kiln from the pallet without adequate assistance – this may require a forklift. Do not lift your kiln by the door, as this may damage the hinge. All models up to the Studio 6.0 can have the door removed to reduce both the kilns weight and size (for narrow doorways etc.). To remove the door, lift it vertically off the hinges. The door itself is heavy, so ensure you have adequate assistance. Larger kilns cannot have the door removed without disconnecting the door element wiring.

### Kiln Controller (VT36):

The controller is fitted to an arm to keep it away from the body of the kiln. This arm has been removed for transport purposes. The recipient will need to attach and secure it with the two screws provided to the upper right rear frame of the kiln. The controller can then be attached with the mounting screws. The controller itself has been programmed with 12 pre-set programs. These programs have been compiled in conjunction with a number of leading ceramicists, they are provided as a guide and may be altered by the operator (see controller manual for procedure).

### Safety Switch and Kiln Door:

All kilns are fitted with a safety switch which disconnects the elements from the electrical supply when the door is opened. Please note that this switch is not intended to be an isolation switch. After use the kiln should be switched off and isolated from the electrical supply either at the wall socket or at an independent isolator switch.

**NEVER** open the kiln door during the heating cycle as this can lead to damage to the kiln as well as serious injury to the operator. The kiln should not be opened until the temperature is below 200c. You will need to attach the door handle to the door using the screws provided.

A ceramic fibre seal is fitted to the door. This ensures a good seal on closing of the door. Two spacer bolts on the door allow you to adjust the seal of the door. The spacer bolts also prevent over tightening of the door latch. The door latch can be adjusted as required – again we do not advise over tightening of the latch. Over time the seal will degrade. Please contact us should this occur.

On the top of your kiln door you will notice 4 bolts. These bolts are attached to a compression plate. Over time the bricks in your kiln will shrink by 1-2%. By tightening the bolts (no more than a ¼ turn at a time) you will ensure the door bricks fit snugly.

**NEVER ATTEMPT TO MOVE OR LIFT YOUR KILN BY THE DOOR – THIS WILL CAUSE DAMAGE TO THE HINGE MECHANISM.**

### Inspection Holes:

Our kilns are fitted with various inspection and venting holes. These should be treated with caution. During firing a significant amount of heat and hot gases escape through these holes. NEVER put your eyes or fingers close to them when the kiln is operating. Children should be kept well away from kilns – they are not toys! You will find a square brick in your accessories pack – this is the damper for the roof vent – you are able to control how open/closed the lid vent is. There is also a bung for the spy hole.

### **Checks that should be carried out:**

- Before operating your kiln read the Kiln Manual as well as the Microprocessor Controller Manual.
- Ensure that you are using the correct power source. Note the requirements are on the information plate.
- Do a visual inspection of your kiln before each firing, making sure everything is in place and secure, this is always good practice.
- Check the program that you wish to use by going through each step before starting.
- Always switch off your kiln at the wall after the cycle is completed and before moving your kiln.
- NEVER open your kiln when the internal temperature exceeds 200c.
- Prior to each firing, vacuum the inside of your kiln to remove dust and loose material, particularly any material around the elements.
- Treat the elements with extreme care. Do not bend or try to move them. After they have been fired they become brittle and can easily break.

**Enjoy your kiln, fire safely, and please send us some images of your work (we love to see the results of our kilns).**

**We take great pride in our kilns and trust that your Fired Up Kiln will provide you with many years of reliable operation.**