

Industrial Range Kilns – General Instructions and assembly.

Thank you for purchasing a Fired Up 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.

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.

THINGS YOU NEED TO KNOW BEFORE YOUR 1st FIRING:

1. **The Thermocouple(s) must be inserted into the kiln prior to use** and secured on the mounting bracket with the grub screws provided.
2. Before using the kiln with ware inside **you need to oxidise the elements**. This is done by an empty kiln firing of program 16.
3. **Your kiln is heavy**. Use caution and have adequate assistance when removing your kiln from its pallet and positioning it, this may require a forklift or crane truck.
4. **Never move or lift your kiln by the door** as this will damage the refractories.
5. Kiln doors have a **temporary steel travelling bracket**, once removed, keep it in a convenient place for use should the kiln need to be moved at any stage in the future.
6. Kilns up to the Industry Range 15 may be **supplied with wheels**. These are provided with a single 10mm bolt and nut which must be secured when the kiln is supported by either a jack or forklift.

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.

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 door latch must not be adjusted. Over time the seal will degrade, please contact us should this occur.

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! Our smaller kilns have a square brick which you will find in your accessories pack, this is the damper for the roof vent allowing you to control how open or closed the lid vent is.

Our larger kilns are fitted with large vent flaps on each side, these and their fasteners are provided in your accessories pack. There are two pre tapped holes on the top of the kiln to mount the vent flaps to the kiln.

The door has a spy hole with its own bung provided.

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 you 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.**