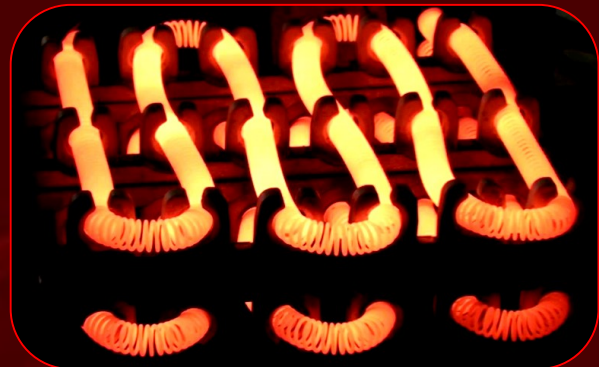




**Furnace Technologies** manufacture wire wound heating elements of almost any size and length. We supply replacement elements for all of our Kilns and Furnaces as well as replacement elements for most other kilns and furnaces on the market.

**We can replace elements for furnaces made by these manufacturers:**

- ◆ Carbolite
- ◆ Cress
- ◆ Dental Design
- ◆ Duncan
- ◆ ETRS
- ◆ ESSA
- ◆ Evenheat
- ◆ Furnace Engineering
- ◆ Furnace Industries
- ◆ Furnace Manufacturers WA
- ◆ General Furnace
- ◆ Kiln West
- ◆ Robertson
- ◆ SEM
- ◆ Skutt
- ◆ Tetlow
- ◆ Ward
- ◆ Woodrow



**Furnace Technologies** can supply elements in a variety of configurations: including: Open Spiral, Embedded, Supported, Suspended and Encapsulated.



## CONTACT US

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**Furnace Technologies Pty Ltd**

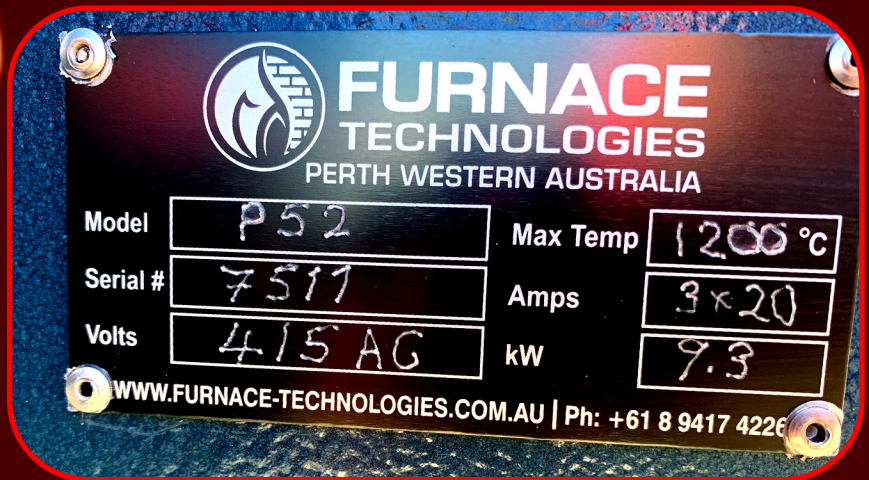
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## ESTABLISHING AN ELEMENT SIZE

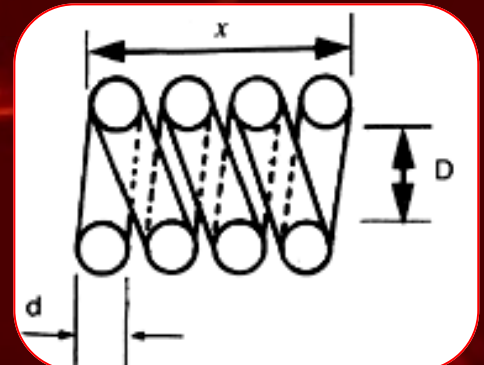
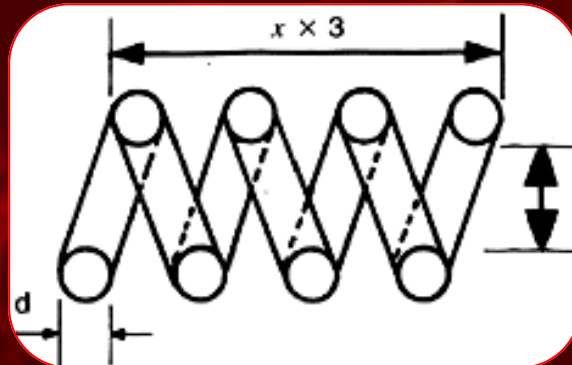
### STEP 1

Find the rating plate on the Kiln or furnace and note all details or take a photo and send to us. (example below)



### STEP 2

Accurately measure (with Vernier callipers) the diameter of the wire (d), the inside diameter of the coil (D) and if the element is still intact the length of the element. If the element is not intact measure the length of just 5 coils of the element (x X 3) The kiln or Furnace may have more than one element and each may be a different size. You will need to repeat this step for the other elements.



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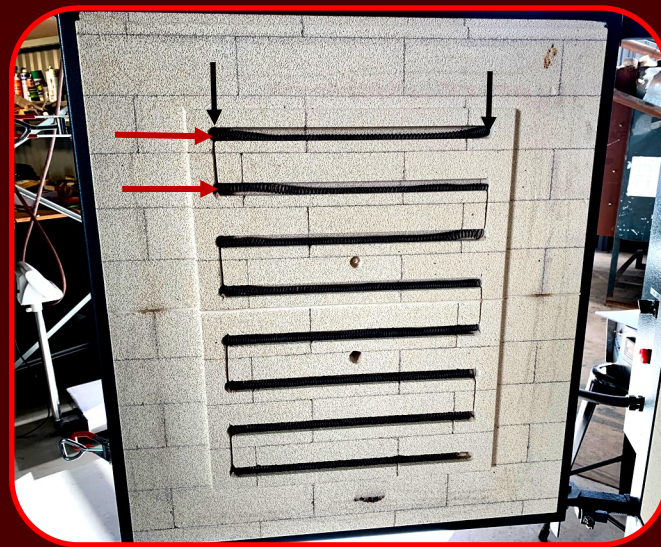
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## STEP 3

Measure the element grooves in your kiln or furnace. Measure the coil length between the black arrows and also the length between the red arrows. Note the number of grooves (in the case of the door element below there are 8)



## STEP 4

In the case of wall elements to the right you will first need to establish if there are one or more elements. Then as per previous instructions measure the length of the element groove between the black arrows and also the length between the red arrows where the element drops down into the next groove. Repeat for other elements. And again note the number of grooves for each element. It is best to make a sketch of these details and send to us.



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