

How much will my kiln cost to fire?

To calculate the cost of firing a kiln you will need to know the following:

1. The electricity consumption per hour of your kiln. This will be expressed in Kilo Watts (KW) and can be found on the specification plate attached to the kiln, as well as our specification sheets.
2. The cost of electricity per Kilo Watt Hour (KWH). In Australia it is currently around \$0.30 - \$0.35 per KWH.
3. The length of your firing cycle.

Assuming you have one of our FTS3.7 top-loaders which has a consumption of 5.5KW and wish to fire to 1220c over a 9-hour cycle, the calculation is as follows:

Consumption (KW) x Cost per KWH x Firing Time (Hours) = Cost per Firing

Example: 5.5 (KW) X 0.33 (KWH) X 9 (Hrs.) = \$16.34 per firing.

The above calculation is based on the passage of current through the elements 100% of the time.

In a firing cycle, the current may only flow 75% of the time, so the above dollar value would be a worst-case scenario, and the likely true cost about 25% less.

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