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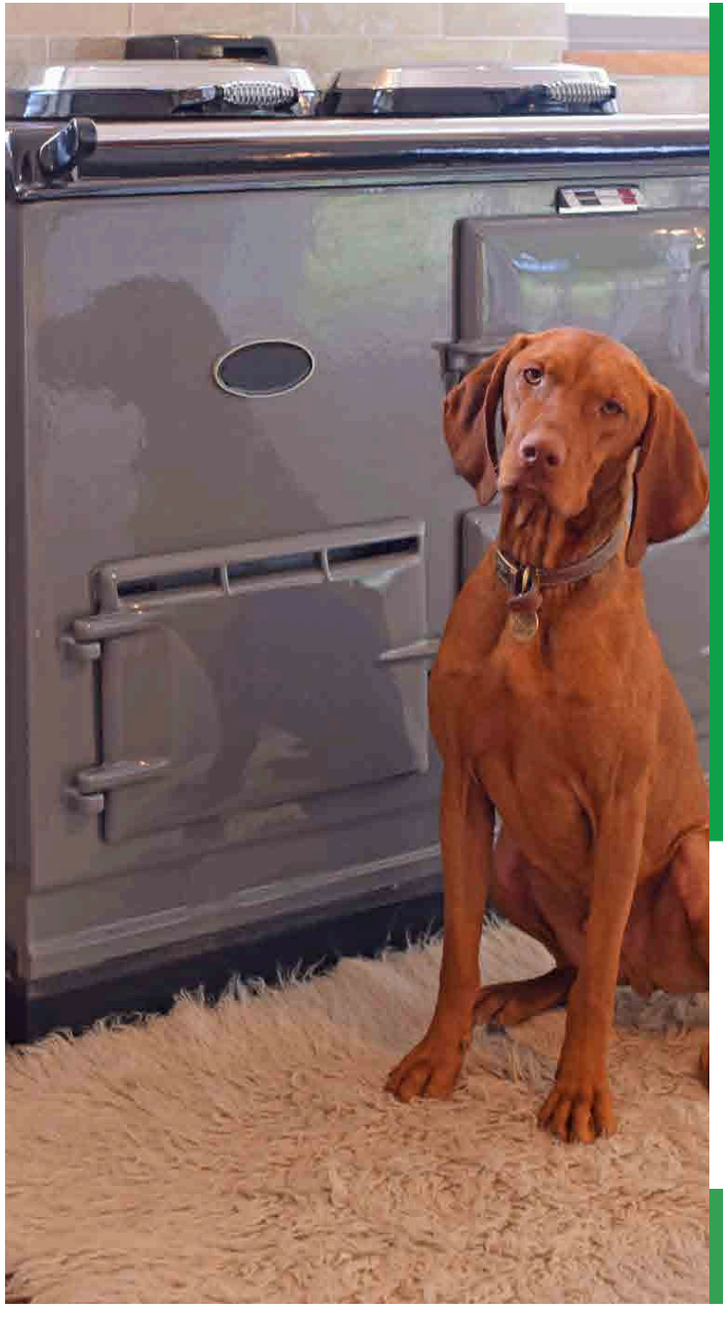

Our services:

- Electrical conversion for Aga and Rayburn cookers
- Range cooker servicing
- Sales of pre-loved and refurbished range cookers Aga and Rayburn models

CONTACT US:
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you could Save more than £1000 per year on your Aga or Rayburn range cooker

www.ecocentric.ie

Ecocentric ElectricKit conversion for nearly all oil, gas, solid fuel Aga & Rayburn range cookers

Range cookers are loved in homes but with fuel costs escalating and environmental concerns people are seeking alternative solutions.

The ElectricKit conversions can provide excellent cost savings and an environmental solution. Running off mains electricity the conversion can halve your running costs.

If you have or are considering photovoltaic panels, wind turbine or water turbine running costs can be practically eliminated*.

How can I use & further adapt my Aga range cooker?

The ElectricKit can function without a flue, so the range can be installed away from external walls and upstairs.

Ecocentric fit electronic timers as standard so the hobs and oven timings can be programmed with further options available for digital SMART control.**

Ultimately you will be in control to match your lifestyle.

What will an ElectricKit Conversion do for my range?

- Reduce running costs
- Repurpose and upgrade the range cooker
- Digital control of oven timings and temperature settings
- SMART device plug voice activation options available*
- Independent temperature control of hobs and ovens.
- Gives background heating
- Emits less CO_2 comparted to traditional carbon fuels

* Depending on power device installed

** When paired with a SMART assistant home digital plug and system

*** Source: UK Government Greenhouse conversion report, June 2022 LPG 1.56kg CO2e; Coal 2,383.26kgCO2e, Electricity 0.19kg CO2e per kWH.

Traditional range cooker upkeep:

The running cost of a traditional range cooker depends on fossil fuel type, the number of ovens and if water is heated.

Annual typical usage figures for an oil fuelled Aga range cooker with two ovens is 2860 litres; while an oil fuelled Aga four oven heating water consumes around 3900 litres per year. With fuel oil price at £1 per litre this rapidly burns through money!

Fossil fuels emit considerable amounts of CO_2. An oil fuel two-oven Aga range cooker will annually emit 9,095kg of CO_2 while an oil fuel four-door Aga range cooker with water will emit 12,402kg of CO_2 annually***.

ElectricKit conversion running costs:

A range cooker two-oven Aga with an ElectricKit installed, could use as little as 2066 kWh units (see table overleaf). At current electric rates of £0.30 per unit the running cost would be £620 per year with reduced annual CO_2 emissions of 392kg per annum.

Can the ElectriKit be fitted to my range cooker?

The ElectriKit can be fitted into most two, three and four oven Aga range cookers and Rayburn range cookers. N.B. the ElectricKit does not support water heating.

Electrical requirements

An ElectricKit installed in a two or four door Aga range cooker uses a maximum 14.8 Amps full load.
Three oven Aga uses a maximum of 18.2 Amps full load.

Installed in a Rayburn range cooker an ElectricKit uses 12.8 Amps full load.

ElectricKit heat up times

The ElectricKit hobs are controlled independently from the ovens and can be switched off separately.

Hobs: cold to 350 °C - 20 minutes
Oven: cold to 200 °C - 90 minutes

Seasonsal ElectricKit 2-oven Aga consumption example

Season	Hours	kWh (Units)
Autumn 3 months	06.00-09.00 / 16.00-21.30	535
Winter 3 months	24hrs per day oven	709
Spring 3 months	06.00-09.00 / 16.00-21.30	535
Summer 3 months	only on as & when required	287

Total annual use 2066 kWh