COLD, DRAUGHTY HOME?

FIND OUT HOW TO CUT YOUR HEATING BILL

HOME ENERGY SAVING SURVEY:

AIRTIGHTNESS TESTING WITH THERMAL IMAGING

- Find draughts, missing insulation and building faults
- Target improvements to save money and increase comfort

£50 or FREE

(depending on eligibility of household)

BOOK NOW

https://climatefriendlybradfordonavon.co.uk

email: cfboaenergy@gmail.com





With funding from

2030 CARBON NEUTRAL BRADFORD ON AVON

CLIMATE FRIENDLY BRADFORD ON AVON

Bath & West Community Energy

HOME ENERGY SAVING SURVEY

With funding from Bath and West Community Energy, Climate Friendly Bradford on Avon is able to offer FREE or heavily subsidised assessments involving a blower door airtightness test combined with a thermal imaging survey, to find the **cheap, easy-wins for saving energy.**

How to book

Email cfboaenergy@gmail.com as soon as possible, as the surveys can only be completed in the colder months and before the funding is all used.

What is a blower door airtightness test?

A large fan, placed within a piece of fabric is fitted to fill an external door frame, typically the front door of a home. The fan is set to reduce the air pressure within the home, which causes the cold outside air to be drawn through gaps in the building fabric. This process exaggerates the draughts which make our homes feel cold and allow heat to escape.

Why combine this with thermal imaging?

With the blower door fan running, the air being drawn through gaps in the building are highlighted using a thermal imaging camera. These gaps often show up as dark colours with a feathering effect around draughty spots such as loft hatches, letter boxes, gaps in floor boards, and around pipework, doors and windows. The residents are invited to visit each room of the home with the assessor to find the draughts and cold spots, and discuss how these can be addressed.

Why is this a useful starting point for improving energy efficiency at home?

Often the feeling of a draught makes us turn up the heating thermostat. By vividly showing draughts, missing insulation and construction faults, the process pinpoints issues to be addressed, starting with low-cost DIY draught proofing measures. It is a useful first step which can bring quick benefits in terms of a more comfortable home and lower heating bills. The process provides a good understanding of a home and may lead to more in-depth home energy improvements and further savings.

How will it work?

The assessment needs to be carried out when there is at least a 10 degree difference in temperature between inside and outside a home. It is best to have the heating on before the test to create a greater temperature difference for clear results in the thermal images. Full instructions will be provided on booking. Deliberate ventilation points such as extractor fans and fireplaces will be covered by the assessor before the assessment, to really highlight the unintended gaps in the building fabric during the test. The assessor will come equipped with simple draught proofing measures to fill some of the gaps identified. The improvements will show up as differences in ‘before’ and ‘after’ thermal images taken on the day of the assessment.

How much will it cost?

The assessment will be carried out for FREE or at a heavily subsidised cost of £50, depending on the eligibility of household, which will be explained by the assessor on booking. In addition to the assessment, the household will be given a simple draught proofing kit, with some measures installed by the assessor on the day to see the difference in the thermal images.

‘Housewarming Party’ Special Offer

A free survey with simple refreshments is available for households willing to host a small group of friends or neighbours during the assessment, so they can also learn from the process and maybe go on to book their own assessment.