FRANCK ENERGY

Cavity Wall Insulation

About a third of all heat loss in an uninsulated home escapes through the walls.

Heat will always flow from a warm area to a cold one. In winter, the colder it is outside, the faster heat from your home will escape into the surrounding air.

In general, houses built from the 1990s onwards have wall insulation to keep the heat in, but if your house is older than that it may not have any wall insulation. If this is the case then you may be heating the outside air, instead of just heating your home. Most types of wall can be insulated in one way or another. If you have a typical house with cavity walls, **you could save up to £275 per year in heating bills just from insulating the walls**. The first thing you need to find out is what sort of walls you have.

Working out your wall type

If your house was built after the 1920s, it is likely to have cavity walls. Older houses are more likely to have solid walls.

If you can see the brickwork on the outside of the house, look at the pattern of the bricks. If your home has **cavity walls**, the bricks will usually have a regular pattern:

If your home has **solid walls**, the bricks will have an alternating pattern:

If the brickwork has been covered, you can also tell by measuring the width of the wall. Examine a window or door on one of your external walls. If a brick wall is more than 260mm thick then it probably has a cavity.

Are my cavity walls filled?

If your house was built in the last 10 years or so, the walls are probably insulated. To find out whether they are you can do the following:

- Ask a registered installer for a boroscope inspection. The installer will drill a small hole in your external wall to see if your walls are hollow or filled.
- Check with your local authority's building control department.

How much could I save?

FRANCK ENERGY	Detached	Semi Detached	Mid Terrace	Bungalow	Flat
Fuel bill savings (£/year)	£275	£155	£105	£110	£90
Typical Installation cost	£720	£475	£370	£430	£330
Payback Time	4 years of fewer				
Carbon Dioxide Savings (KgCO2 / Year)	1,200kg	600kg	440kg	450kg	370kg

These are estimated figures, based on insulating a gas heated home. The average installed cost is unsubsidised. Figures are based on fuel costs as of March 2016.

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