



Home Energy Audit Form



Property Address:

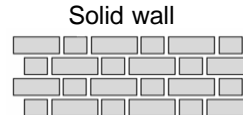
Post Code:

Type of house or flat?

- Detached Semi-detached Mid-terrace Bungalow (attached) Bungalow (detached)
 Flat (top floor) Flat (mid floor) Flat (ground floor) or maisonette

Type of walls?

- Cavity walls Solid walls Non traditional walls



Wall insulation?

- Cavity insulation Internal wall insulation External wall insulation Insulating render Flexible insulated lining

Number of bedrooms?

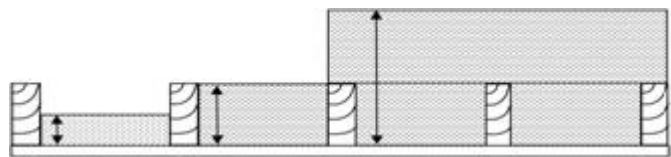
- One bedroom/studio flat Two bedrooms Three (or more) bedrooms Four bedrooms Five or more bedrooms

The loft?

- Loft boarded, used for storage
 Is the loft hatch uninsulated?

ANY BOXES TICKED IN THIS AREA GO TO SECTION 1 FOR RECOMMENDATIONS

< 50mm 50 to 100mm up to 300mm



- 0 -25 mm 50 - 100 mm 270mm or more

Windows?

- Single glazed No curtains Thin unlined curtains Double glazing 16mm gap or more
 Curtains covering radiators in any room Double glazing 6 - 12 mm gap

ANY BOXES TICKED IN THIS AREA GO TO SECTION 2 FOR RECOMMENDATIONS

Draught proofing? ANY BOXES TICKED IN THIS AREA GO TO SECTION 3 FOR RECOMMENDATIONS

- NO draught proofing on windows? NO draught proofing on doors? NO draught proofing over letter box and keyhole?

Ground floor?

- Are there bare floorboards with gaps? **ANY BOXES TICKED IN THIS AREA GO TO SECTION 4 FOR RECOMMENDATIONS**

Lighting?

- Old style incandescent? **ANY BOXES TICKED IN THIS AREA GO TO SECTION 5 FOR RECOMMENDATIONS** 50% low energy lamps?
 Spotlights or downlights? 100% low energy lamps?



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Heating?

- | | | |
|--|--|---|
| <input type="checkbox"/> Old gas boiler (standard) | <input type="checkbox"/> Old gas boiler (non condensing combi) | <input type="checkbox"/> Gas condensing boiler |
| <input type="checkbox"/> Gas condensing combi-boiler | <input type="checkbox"/> Electric storage heater | <input type="checkbox"/> Electric under floor heating |
| <input type="checkbox"/> Open coal fire | <input type="checkbox"/> Biomass boiler | <input type="checkbox"/> Old oil boiler (standard) |
| <input type="checkbox"/> Oil condensing boiler | <input type="checkbox"/> Old oil boiler (non condensing combi) | <input type="checkbox"/> Oil condensing combi-boiler |
| <input type="checkbox"/> Ground source heat pump | <input type="checkbox"/> Air source heat pump | <input type="checkbox"/> wood burning stove |

Heating controls?

- Is there a room thermostat? NO YES temp setting? °C
- Is there a timer for heating & hot water? NO YES
- Are there thermostatic radiator valves? (TRV's) NO YES setting? Bedrooms other
- IF ANY BOXES TICKED IN THIS AREA GO TO SECTION 6 FOR RECOMMENDATIONS**

Radiators?

IF ANY BOXES TICKED IN THIS AREA GO TO SECTION 7 FOR RECOMMENDATIONS

- Radiators on external wall? Are there high ceilings? Is there furniture blocking radiators?

Hot water cylinder?

- no insulation, or has gaps **IF ANY BOXES TICKED IN THIS AREA GO TO SECTION 8 FOR RECOMMENDATIONS**
- Thermostat set above 60°C

Appliances?

- Considering buying new appliances? **IF ANY BOXES TICKED IN THIS AREA GO TO SECTION 9 FOR RECOMMENDATIONS**

Renewable systems installed?

- Solar hot water? 1kW Photovoltaics? Micro wind turbine?

Does the home have any of the following?

- Mains gas connection? An accessible loft? A garden larger than 500m² In an exposed/windy position
- A chimney A roof facing between south east and south west Is the home a listed/heritage building or in a conservation area?

Is the homeowner planning any of following home improvements?

- Replace the boiler? Insulation Replace the windows? Generate own hot water/electricity from solar, wind or other?



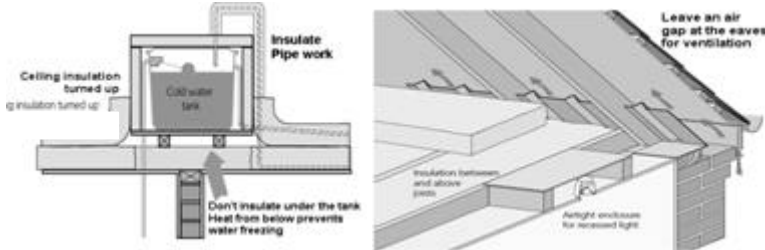
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Recommendations

1. LOFT

tips:



- Use Spaceboard for the boarded area (which can be fitted over existing boards)
- Insulate and draught proof the loft hatch

2. WINDOWS

Tip: If installing double glazing, make sure the installer is registered with Fensa or BFRC

- Fit film secondary glazing.
- Fit permanent Perspex/glass secondary glazing
- Install thick line curtains
- Check that curtains don't cover the radiators (Leaflet, website and/or draught busting event.)

3. DRAUGHT PROOFING

- Fit draught proofing
- Fit covers to the letter box and keyhole
- For help with draught proofing, attend a local draught busting event

4. GROUND FLOOR

- Fit a carpet with a high tog underlay
- Fill gaps between floorboards and seal round skirting board
- Insulate under the floor

5. LIGHTING

- Fit low energy bulbs
- www.megaman.co.uk for full range of energy efficient lamps

6. HEATING CONTROLS

- Turn the thermostat down by one degree
 - Make sure heating is off when no-one is at home
 - Adjust TRVs to 3 in living rooms, lower in bedrooms
- See TRV setting guide

0	*	1	2	3	4	5
Shut Off	7°C	11-13°C	15-17°C	19-21°C	23-25°C	27-29°C
	Background heat	Kitchen	Bedroom	Living areas	Bathroom	X

7. RADIATORS

- Fit reflective panels behind radiators
- Fit a shelf over each radiator
- Move furniture away from radiators

8. HOT WATER CYLINDER

- Fit a jacket to the cylinder
- Set thermostat at 60°C

9. APPLIANCES

- Make sure the appliance has the highest rating available: A** for fridges, A for other appliances



Tip: look for the Energy saving recommended logo

Notes: