

HOME ENERGY SAVING KIT



RECORD YOUR RESULTS

This worksheet will help you to track your progress and record your results while using the tools in the Home Energy Saving Kit.







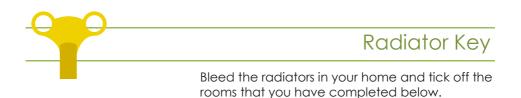
Fridge/Freezer Thermometer

Check the temperature of your fridges and freezers. Change the setting and check again.

| | Temperature Reading 1 | Temperature Reading 2 |
|-----------|--------------------------|--------------------------|
| Fridge 1 | °C | °C |
| Fridge 2 | °C | °C |
| Freezer 1 | °C | °C |
| Freezer 2 | °C | °C |

TIPI Your **fridge** should be set at between **3 to 5°C**.

Your freezer should be set at between -15 to -18°C.



| | Completed | | Completed |
|-------------|--------------|-----------|--------------|
| Living Room | ~ | Room Name | \checkmark |
| Kitchen | √ | Room Name | √ |
| Dining Room | \checkmark | Room Name | √ |
| Bathroom | \checkmark | Room Name | √ |
| Hallway | \checkmark | Room Name | √ |
| Bedroom 1 | \checkmark | Room Name | √ |
| Bedroom 2 | ~ | Room Name | √ |

Thermal Leak Detector

Check the temperature of internal, external walls as well as ceilings and floors in different rooms of your home and compare to the rooms' indoor temperatures.

| | Internal Wall | External Wall | Ceiling | Floor | Room Temperature |
|-------------|------------------|------------------|---------|-------|---------------------|
| Living Room | °C | °C | °C | °C | °C |
| Kitchen | °C | °C | °C | °C | °C |
| Dining Room | °C | °C | °C | °C | °C |
| Bathroom | °C | °C | °C | °C | °C |
| Hallway | °C | °C | °C | °C | °C |
| Bedroom 1 | °C | °C | °C | °C | °C |
| Bedroom 2 | °C | °C | °C | °C | °C |
| Room Name | °C | °C | °C | °C | °C |
| Room Name | °C | °C | °C | °C | °C |
| Room Name | °C | °C | °C | °C | °C |
| Room Name | °C | °C | °C | °C | °C |
| Room Name | °C | °C | °C | °C | °C |

Observations:

TIP! The difference between the temperature of a surface and your room temperature (use Temperature & Humidity Meter) shouldn't be greater than 5°C.

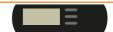


Plug-In Energy Monitor

Calculate the energy consumption of your appliances by entering the recorded kWh below and multiplying by usage and unit cost.

| Appliance | Energy Consumption (kWh) | | Electricity Cost (□/kWh) e.g. □0.18 | x | Times Used per Week | x | Weeks used per Year | = | Cost per year (□) |
|---|--------------------------------|---|--|---|------------------------------|---|---------------------------|---|----------------------|
| Charging Phone (overnight) | | х | | х | | х | | = | |
| Coffee Machine (10 cups) | | х | | х | | х | | = | |
| Games Console (standby overnight) | | х | | х | | х | | = | |
| Hair Straightener | | х | | х | | х | | = | |
| Microwave (1 dish reheated) | | х | | х | | х | | = | |
| Iron (2 shirts) | | х | | х | | х | | = | |
| Kettle (1 cup of tea) | | х | | х | | х | | = | |
| Toaster (2 slices) | | х | | х | | х | | = | |
| TV (1 hour) | | х | | х | | х | | = | |
| Vacuum Cleaner (2 rooms) | | х | | х | | х | | = | |
| Appliance name (use) | | х | | х | | х | | = | |
| Appliance name (use) | | Х | | Х | | Х | | = | |
| Appliance name (use) | | Х | | Х | | Х | | = | |
| Appliance name (use) | | X | | Х | | Х | | = | |
| Appliance name (use) | | Х | | Х | | Х | | = | |
| | | | | | | | | | |

Temperature & Humidity Meter



Check the temperature and humidity in the different rooms of your home.

| | Temperature Reading | Humidity Reading | Outside Temperature |
|-------------|------------------------|---------------------|------------------------|
| Living Room | °C | % | °C |
| Kitchen | °C | % | °C |
| Dining Room | °C | % | °C |
| Bathroom | °C | % | °C |
| Hallway | °C | % | °C |
| Bedroom 1 | °C | % | °C |
| Bedroom 2 | °C | % | °C |
| Room Name | °C | % | °C |
| Room Name | °C | % | °C |
| Room Name | °C | % | °C |
| Room Name | °C | % | °C |

TIP! Aim for an ideal temperature of 18-20 °C in your living room and 15-18 °C in bedrooms and hallways.

Ideal humidity levels are between 40%-60%.



Stopwatch

Use a stopwatch (e.g. on your mobile phone) to calculate the flow rate of your shower head and taps. (Please note that a stopwatch is not included as a tool in the kit.)

| | Water collected in 10 seconds | x | 6 to give flow per minute | = | Litres per minute |
|--------------|--|---|------------------------------|---|----------------------|
| Shower | | х | 6 | = | |
| Bathroom Tap | | х | 6 | = | |
| Kitchen Tap | | х | 6 | = | |
| | | Х | 6 | = | |

TIP! Your water flow rate should be 9 litres per minute or less.

| What I need to do |
|-------------------|
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