



the electric heating company

# ENERGY INFORMATION PACK

The Electric Heating Company Limited

# Heating Economy Guide

Electric heating is affordable if certain guidelines are followed. The main steps are:

When heating is required the thermostat should be set to the “comfort” temperature which is 21 degrees. Higher temperatures will incur higher costs.

Reducing room temperatures at night and in unoccupied rooms can significantly reduce your heating bills.

## Always operate a closed door policy.

Outside doors should always remain shut. Internal doors, such as bedrooms etc. should be kept closed.

Each radiator has an integral programmer/thermostat so that room temperatures can be set individually. The programmer controls the time periods when the heating goes “on and off” to the desired temperature.

In the event you have an EHC programmer the following instructions will apply. The select key gives you four options which are as follows:

- On** The heating is on 24 hours a day
- Off** The heating is switched off altogether
- Auto** The heating can be programmed to go “on” and “off” up to three times a day
- All day** The heating will operate from the first programmed time until the last programmed time

Some programmers may use other words to describe the above choices but the meaning will be the same.

Instructions for programming the heating times are in the booklet; however a shorter version appears on the inside of the “pull down” cover.

# Keeping A Warm Home

There are a range of measures that can be taken to help keep your home warm during winter. If you need help, contact your local council or the organisations listed in this guide.

## Conserving heat

Conserving heat within your home – and keeping cold out – will make for a warmer home without building up high energy bills. Free, independent energy advice can be obtained from **Energy Savings Trust – 0800 512012** or their website **[www.energysavingtrust.org.uk](http://www.energysavingtrust.org.uk)**

## Draughts

Draughts are a common cause of energy loss within the home. They can be reduced with relatively simple inexpensive measures.

Fit draught seals around windows and door openings.

Fit draught strips to the bottom of the doors and fit internal letterbox covers.

If possible, hang heavy curtains on windows and doors. Use plastic or clear film secondary glazing to cut draughts and heat loss in window areas if required. It is important that draught strips should be fixed securely to the bottom of doors to prevent accidents.

Ventilation ducts and bricks should not be blocked, especially in rooms with gas or open fires. They ensure circulation of fresh air.

## Insulation

Heat will always escape through the structure of the house I.E. The roof, windows, doors and walls. Insulation and double glazing will reduce the rate of heat loss which will keep your home warmer and help reduce energy bills.

## Loft

You should insulate your loft to prevent unnecessary heat loss.

A 270mm thickness of insulation quilt is recommended. Often older houses may have no insulation at all in the loft, or in some cases less than the recommended amount.

## Walls

Older houses with a cavity wall may benefit from having insulation material injected into the cavity.

## Doors & Windows

In the evening close your curtains to reduce heat loss. Double glazing or secondary glazing will keep rooms warmer and quieter.

## Lagging Hot Water Cylinders & Pipes

Energy may be going to waste in your home if the hot water system is not properly insulated. A jacket to insulate the hot water cylinder can be bought which is usually easy to fit. The jacket should have a british standards “kite mark” on the label.

Newer hot water cylinders are supplied with an insulation coating. Hot water pipes can be lagged to prevent heat escaping. Exposed pipes in the roof space, or other areas where they may freeze in cold weather, should also be lagged.

## Heating Your Home

The ideal living room temperature for older people is 21°C (70°F). This is not simply a question of comfort. Once room temperatures start to drop, the threat to health is greater, and the risk of respiratory illness, stroke, heart attack and hypothermia increase.

Whatever the heating system, try to make sure that your main living room is kept at this temperature while you are using it.





## Advice from our Experts

**A key part of the service provided by the Electric Heating Company is ensuring that every customer carefully considers the Meter and electricity Tariff they choose to operate their electric heating or hot water product.**

We specialise in alternatives to outdated Storage Heaters, LPG, Oil and Solid Fuel. All our products can be installed as fully controllable Central Heating systems, are 100% energy efficient and are affordable to operate in these days of ever increasing energy costs.

From Electric Radiators, Boilers to Conservatory Heaters, we have it all.

### **Electric Heating is easily affordable if Good Practice guidelines are followed.**

The main steps are:-

- When heating is required the thermostat should be set to the "Comfort" temperature which ranges from 18 to 21 degrees. Higher temperatures will incur higher costs.
- Always operate a closed door policy.
- Outside doors should always remain shut. Internal doors, such as bedrooms etc. should be kept closed.
- Make sure you know how the controls work on your heaters or heating system. Each radiator has a control dial so that room temperatures can be set individually.
- The Programmer controls the time periods when the heating goes "on" and "off". Times can be set using the keys on the Programmer. Instructions for programming the heating times will be in the operating manual provided however a shorter version appears on the inside of the "pull down" cover of the Programmer.
- Set your timer to bring heating on automatically in living rooms about half an hour before you get up. In very cold weather set the timer to bring heating on earlier.
- Use heating efficiently, don't let rooms get too hot. Adjust the heating controls if they do. Don't open windows as heat will be released too quickly.

Conserving heat within your home – and keeping cold out – will ensure a warmer home without incurring high energy bills. Free, independent energy advice can be obtained from the Energy Efficiency Advice Centre on Free phone **0800 512 012**.

## The best available option for You

Sourcing a single rate tariff with the supplier of your choice. Please ensure you are on the lowest possible rate for your area. Prices do vary from area to area.

You may currently be on a twin rate tariff such as Economy 10. If so you will have to consider if this is the best tariff to suit your lifestyle.

Always shop around to find the energy company offering the best single rate deals in your area.

To help reduce energy costs further consider installing Solar PV or Solar Thermal with your EHC Heating system, for more information on renewable energy solutions from EHC please visit our renewable's page.

The Electric Heating Company recommends customers to review their energy suppliers and tariff on an annual basis. There are a range of comparison websites available to assist with selecting the right tariff for your lifestyle.

**For further information please contact a member of our team who will be happy to assist.**





## Typical Energy Consumption Details

	KW's per day	KW per week	KW per month	KW per year
One Bedroom Flat, Tenant in all day	18	126	548	6570
One Bedroom Flat, Tenant Working	14	98	426	5110
Two Bedroom Flat, Tenant in all day	21	147	639	7665
Two Bedroom Flat, Tenant Working	17	119	517	6205
Two Bedroom Flat, Tenant in all day	28	196	852	10220
Two Bedroom Flat, Tenant Working	24	168	730	8760
Three Bedroom House, Tenant in all day	31	217	943	11315
Three Bedroom House, Tenant Working	27	189	821	9855

The figures do include Cooking and Lighting etc

### DISCLAIMER

*The above Running Cost data is indicative to property size and user's lifestyle. The Electric Heating Company will not be held responsible for excessive electricity consumption when using our products.*

## Heating System Controls

### Quick Instructions For Single Channel Programmer

#### How to change times from factory settings:

1. Lower the cover on the front of unit
2. Move the selector switch to the **prog set** position
3. You can now program zone 1
4. Press the + or - buttons to adjust the p1 on time. Press ok
5. Press the + or - buttons to adjust the p1 off time. Press ok
6. Repeat this process to adjust the **on & off** times for **p2 & p3**
7. When completed, move the selector switch to the **run** position

*Please note the above instructions only apply to EHC Programmers*

### Quick Programmer Instructions For Twin Programmer

#### How to change times from factory settings:

1. Lower the cover on the front of unit
2. Move the selector switch to the **prog set** position
3. You can now program zone 1
4. Press the + or - buttons to adjust the p1 on time. Press ok
5. Press the + or - buttons to adjust the p1 off time. Press ok
6. Repeat this process to adjust the **on & off** times for **p2 & p3**
7. Press **zone select** and repeat the above process to adjust **on & off** Times for **zone 2**
8. When completed, move the selector switch to the **run** position

*Please note the above instructions only apply to EHC Programmers*

## Here Today For Your Tomorrow



### The Fusion Comet Electric Boiler

Is the most complete Electric Boiler on the market today. Unlike most electric boilers the Fusion Comet has been designed to eliminate unnecessary external plumbing and pipework. It is the perfect solution for properties with no access to mains gas supply and homes that have gas boiler restrictions e.g. Listed Buildings or bed-sit sleeping areas. The Boiler is the ideal choice for wet central heating however it is also suitable for Under Floor Heating.

EHC supply a range of Central Heating & Hot Water Packs that include the **Comet** or **SlimJim Electric Boiler, Direct or Indirect Unvented Stainless Steel Cylinder plus Controls**. These packs are available in various combinations of outputs and capacities and are competitively priced. To reduce installation time and as a further assistance to the busy installer we also supply the above packs with Pre Plumbed Cylinders.



### EHC also supply a range of German Electric Radiators.

The **EHC Combination Radiators** look like conventional "wet" system radiators, heat up and operate like "wet" system radiators and all without the requirement of a central heating boiler. The range has been developed to accommodate the smallest easy-to-heat room to the larger hard-to-heat room. All electric radiators can be supplied with in-built **DSR 24/7 Time & Temperature or Radio Frequency Controls**. All EHC Combination Radiators comply with the latest energy efficiency standards and are 'LOT 20' compliant.



Contact us for a quote or more information  
[www.electric-heatingcompany.co.uk](http://www.electric-heatingcompany.co.uk)

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