

## Cost of heating Crisis!

**Gas £4000 per year / 2023**

**Infrared £600 per year or less!**

It is just three months before the gas energy bill goes up to **£2800** a year and according to Ofgem another three months after that the energy bill will go up to **£4000** a year. Serious thought is required for heating this coming Winter. There is sufficient anecdotal evidence that millions of people are unable already to heat their homes. Some 40% apparently. When October and then January arrives, that situation will get worse.

We believe therefore that there is no point in installing / retrofitting gas boilers or indeed heat pumps when consumers cannot afford to heat their homes.

In the circumstances we have been looking to see if our infrared heating can reduce heating bills to a level that most consumers can afford.

We are very pleased to tell you that we think we can. Please see examples: -

*The below calculations are made using this formula –*

*Hour's usage per day x Heating days p.a. x (wattage / 1000) x Price per kWh*

*The average Price per kWh = £0.28, Standing charge per day = £0.40*

*These figures may be different depending on where you live within the UK.*

### 1 Bedroom Flat Infrared Annual Heating Bill

Room	m <sup>2</sup>	Watts required	Hours usage per day	Heating days p.a.	Base Cost
Living / Kitchen	18.00	700	5.1	210	209.92
Bedroom 1	6.40	320	1.0	210	18.82
Hall	4.00	175	1.0	210	10.29
Shower	3.00	175	0.5	210	5.15
	<b>31</b>	<b>1370</b>			

Cost with smart usage	<b>£244.18</b>
Daily standing charge	<b>£146.00</b>
Total cost per annum	<b>£390.18</b>

## 2 Bedroom Flat

### Infrared Annual Heating Bill

Room	m <sup>2</sup>	Watts required	Hours usage per day	Heating days p.a	Base Cost
Living / Kitchen	22.00	1000	5.1	210	299.88
Bedroom 1	12.00	520	1.0	210	30.58
Bedroom 2	7.20	320	1.0	210	18.82
Hall	9.40	520	1.0	210	30.58
Shower	3.84	320	0.5	210	9.41
Outer Hall	4.80	320	1.0	210	18.82
	<b>59</b>	<b>3000</b>			

Cost with smart usage	<b>£408.09</b>
Daily standing charge	<b>£146.00</b>
Total cost per annum	<b>£554.09</b>

## A house with 11 rooms

### Infrared Annual Heating Bill

Room	Size m2	Wattage	Hours usage per day	Heating	Base Cost £
Kitchen/Dining Room	14.78	700	5.1	210	209.92
Lounge	19.67	1000	1	210	58.80
Utility	3.25	175	0.5	210	5.15
WC	3.58	175	1	210	10.29
Hall	5	175	1	210	10.29
Bedroom 1	14.96	700	1	210	41.16
En-suite 1	6.7	320	0.5	210	9.41
Bedroom 2	11.49	700	1	210	41.16
Bedroom 3	12	700	1	210	41.16
Bathroom	4.55	320	0.5	210	9.41
Landing	5	175	1	210	10.29
	<b>100.98</b>	<b>5140</b>			

Cost with smart usage	<b>£447.04</b>
Daily standing charge	<b>£146.00</b>
Total cost per annum	<b>£593.04</b>

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