

The below calculations are made using this formula –

$\text{Hour's usage per day} \times \text{Heating days p.a.} \times (\text{wattage} / 1000) \times \text{Price per kWh}$

The average Price per kWh = £0.28, Standing charge per day = £0.40, the other variables are the Hours usage per day and Heating Days p.a.

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

1 Bedroom Flat Infrared Annual Heating Bill

Room	m ²	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
	31	1370			

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

2 Bedroom Flat

Infrared Annual Heating Bill

Room	m ²	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
	59	3000			

Cost with smart usage	£408.09
Daily standing charge	£146.00
Total cost per annum	£554.09

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
	100.98	5140			

Cost with smart usage	£447.04
Daily standing charge	£146.00
Total cost per annum	£593.04

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