

# Do you know how much your appliance is costing you?



To save energy, it can help to know just how much each appliance is costing. We've crunched some numbers for you, using standard appliances and rates under the energy price guarantee for electricity (34p per kilowatt hour, or kWh). These are ballpark figures as different models use different amounts of power, but it should give you a rough idea.

| Appliance                  | kWh (1) | Cost per hour (2) |
|----------------------------|---------|-------------------|
| Tumble dryer (3,000 watts) | 3       | £1.02             |
| Oven (2,000W)              | 2       | 68p               |
| Kettle (1,800W)            | 1.8     | 61p               |
| Electric hob (1,700W)      | 1.7     | 58p               |
| Vacuum cleaner (1,400W)    | 1.4     | 48p               |
| Dishwasher (1,200W)        | 1.2     | 41p               |
| Microwave (1,200W)         | 1.2     | 41p               |
| Toaster (1,200W)           | 1.2     | 41p               |
| Iron (1,100W)              | 1.1     | 37p               |
| Air fryer (1,000W)         | 1       | 34p               |
| Washer (700W)              | 0.7     | 24p               |

|                               |       |       |
|-------------------------------|-------|-------|
| Electric clothes ailer (250W) | 0.25  | 8.5p  |
| Slow cooker (225W)            | 0.225 | 8p    |
| PlayStation 5 (201W)          | 0.201 | 7p    |
| Electric blanket (100W)       | 0.1   | 3.4p  |
| Sky Q box (45W)               | 0.045 | 1.5p  |
| TV (30W)                      | 0.03  | 1.02p |
| Fridge (28W)                  | 0.028 | 0.95p |
| BT Hub (12W)                  | 0.012 | 0.41p |
| Light bulb (10W)              | 0.01  | 0.34p |
| Sky Q box (standby) (9W)      | 0.009 | 0.31p |
| Microwave (standby) (7W)      | 0.007 | 0.24p |
| Phone charger (5W)            | 0.005 | 0.17p |

## Martin's 'How much does it cost to run my appliance?' rule of thumb



So a 100-watt (a tenth of a kW) appliance on for two hours is a maximum 3.4p an hour x 2 = 6.8p.

The reason it says "is a maximum" is many appliances, especially heating appliances, don't run at full power the whole time. Yet this is a useful rule of thumb for getting a general idea of the cost. For example, a single jacket potato in a 1,000-watt microwave on for 10 minutes is far cheaper than cooking it in a 1,000-watt oven for an hour. But cook five potatoes and, as the microwave would need to be on far longer, it'd be closer.