

# Using too much electricity? Here's how to save!

## ELECTRICITY CONSUMPTION OF ELECTRICAL APPLIANCES

1 line = 100 watt. A frying pan therefore uses 1 500 watts (15 lines).

1 000 watt per hour = 1 kW.h = 1 unit of electricity.

### HOME:

|                          |  |            |
|--------------------------|--|------------|
| Hair drier (400-1000 W)  |  | 600 watt   |
| Hair curlers             |  | 400 watt   |
| Hi-Fi                    |  | 100 watt   |
| Infrared lamp            |  | 300 watt   |
| Electric Blanket         |  | 100 watt   |
| Lights (average 10x75 W) |  | 800 watt   |
| Radio                    |  | 100 watt   |
| Vacuum cleaner           |  | 600 watt   |
| Iron (600-2 000 W)       |  | 1 500 watt |
| Television (66cm colour) |  | 300 watt   |
| (48cm colour)            |  | 80 watt    |
| (66cm black and white)   |  | 70 watt    |
| Floor polisher           |  | 400 watt   |

### KITCHEN:

|  |  |            |
|--|--|------------|
| Dishwasher                             |  | 2 800 watt |
| Stove (3 000-8 000 W) depending on use |  |            |
| 2 plates and oven together             |  | 3 000 watt |
| Frying pan                             |  | 1 500 watt |
| Frier (rotating)                       |  | 1 400 watt |
| Toaster                                |  | 1 100 watt |
| Coffee filter                          |  | 600 watt   |
| Kettle (1 500-3 000 W)                 |  | 2000 watt  |
| Coffee grinder                         |  | 300 watt   |
| Microwave oven                         |  | 1 500 watt |
| Juice extractor (large)                |  | 300 watt   |
| Juice extractor (small)                |  | 100 watt   |
| Food mixer                             |  | 200 watt   |
| Freezer                                |  | 600 watt   |
| Waffle grill                           |  | 800 watt   |
| Warming tray (Salton)                  |  | 900 watt   |

### HEATERS:

|               |  |            |
|---------------|--|------------|
| Oil           |  | 2 000 watt |
| Fan           |  | 2 000 watt |
| Ceramic/Capil |  | 1 500 watt |
| Panel         |  | 1 100 watt |

### LAUNDRY:

|                    |  |           |
|--------------------|--|-----------|
| Washing machine    |  |           |
| (1) Not heated     |  | 800 watt  |
| (2) Automatic      |  |           |
| (a) Heated         |  | 2000 watt |
| (b) Wash/dry motor |  | 800 watt  |
| Tumble drier       |  | 3000 watt |
| Geyser             |  | 3000 watt |

### GARAGE / WORKSHOP:

|                                    |  |            |
|------------------------------------|--|------------|
| Battery charger                    |  | 600 watt   |
| Drill                              |  | 500 watt   |
| Grinder                            |  | 300 watt   |
| Soldering iron                     |  | 300 watt   |
| Welder (portable and single phase) |  | 3 000 watt |

On your appliance you will see the number of **WATTS** that the appliance uses. This number is usually stamped underneath or at the back of your appliance.

An iron for example uses **1 500 WATTS**.

This is **1,5 KILOWATTS**.

(To change **WATTS** to **KILOWATTS** move the comma three spaces to the left, i.e. 1 500 = 1,5 kilowatts)

You then multiply the number of **KILOWATTS** by the price of one unit of electricity, for example 40 cents.  
(1,5 x 40 cents = 60 cents)

This is the cost of using an iron for 1 hour.

**REMEMBER TO CHECK WHAT THE PRICE OF A KILOWATT HOUR (UNIT) IS IN YOUR AREA.**