



Appliance Costs

Flip card pack

talkingpower.com.au/electricity-literacy-train-trainer-program



Created in conjunction with Adelaide Home Energy Assessors 2026

talkingpower.com.au/electricity-literacy-train-trainer-program

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**2 star, 10 year old, 430L fridge
running for 24 hours**

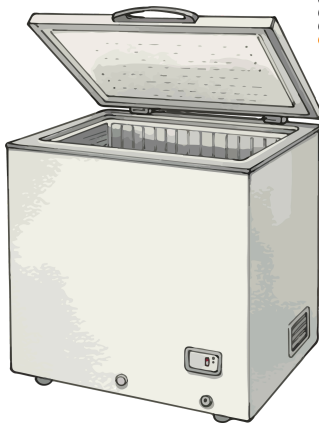
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**2 star, 10 year old, 430L fridge
running for 24 hours**

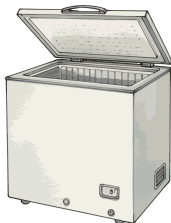
**1.30 kWh per day = 505 kWh
per year**

**A new 420L, 4 star fridge uses 348 kWh per
year (0.95 kWh per day)**



**New 3.5 star, 300L chest freezer
running for 1 year**

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**New 3.5 star, 300L chest freezer
running for 1 year**

275 kWh per year

= 0.75 kWh per day



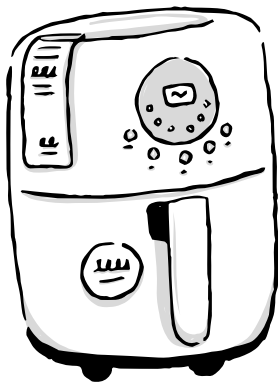
**2 year old, 5 star, 10L washing
machine use over 1 year**



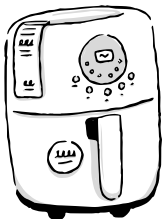
**2 year old, 5 star,
10L washing machine use over 1 year**

219 kWh per year

**500–1200 watts during operation, with
consumption lower (often just the motor power,
<100-200W) when not heating water.**



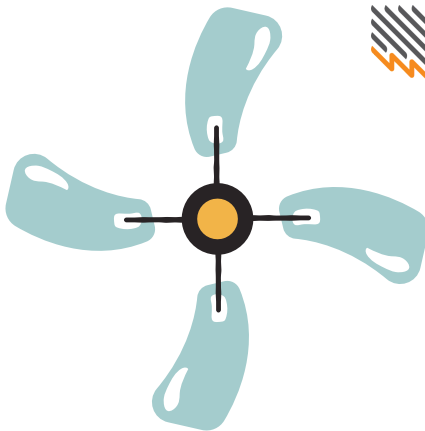
Air fryer cooking dinner for 45 mins



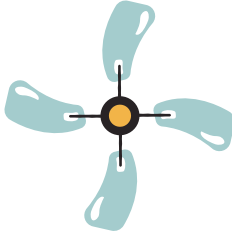
Air fryer cooking dinner for 45 mins

**1,125 watt hours
(1.125 kWh)**

**Based on 1500 watts.
Air fryers use approx. 800-2,000 watts. Each
model and size is different.**



Ceiling fan running for 8 hours



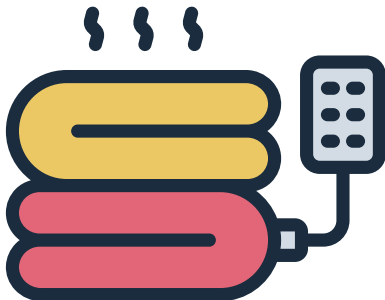
Ceiling fan running for 8 hours

Using an average of 40 watts

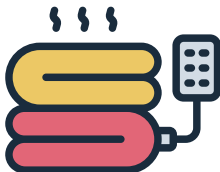
320 watt hours

Old fan = approx 70 watts

New DC fan = approx 30 watts



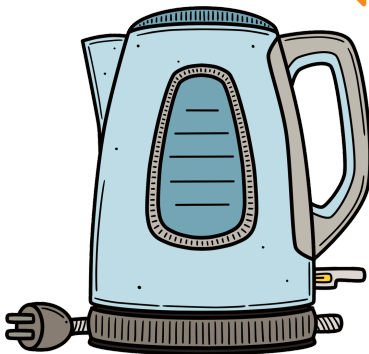
**Electric throw rug on for 3 hours
while watching TV**



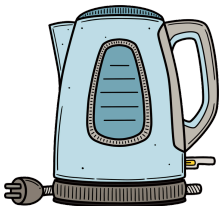
**Electric throw rug on for 3 hours while
watching TV**

210 watt hours

Averaging 70 watts



Boiling a kettle for 3 minutes



Boiling a kettle for 3 minutes

110 watt hours

**Averaging 2200 watts - household
kettles can vary from 1500-2200 watts.**



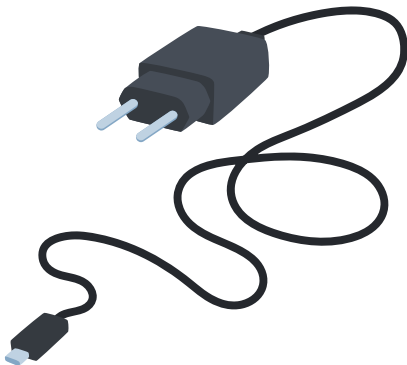
TV on for 5 hours, 40 inch, 6 stars



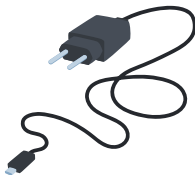
TV on for 5 hours 40 inch, 6 stars

600 watt hours

**Based on 120 watt rating
Uses less than 0.5 watts on standby.**



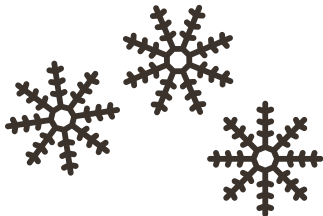
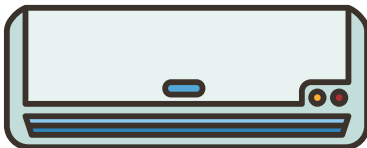
Charging a mobile phone for 2 hours



Charging a mobile phone for 2 hours

10 watt hours

Based on an average of 5 watts



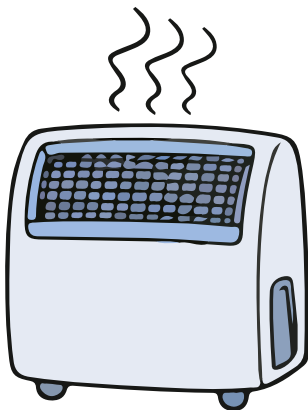
**2.5kw reverse cycle air conditioner
on 24-27 degrees for 5 hours (small loungeroom)**



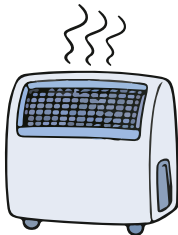
**2.5 kW reverse cycle air conditioner on 24 degrees
for 5 hours (small loungeroom)**

2.5 kWh

Based on input power of 500 watts



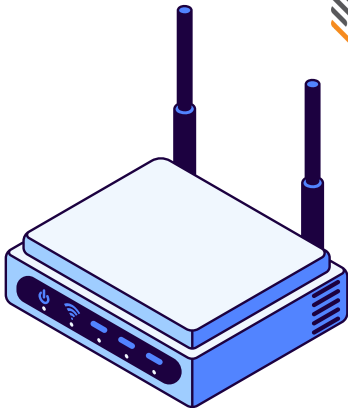
2kW portable plug in heater on for 5 hours



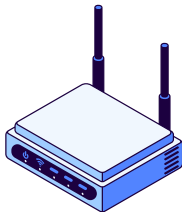
**2kw portable plug in heater on for 5
hours**

10 kWh

Based on input power of 2000 watts



**Internet modem plugged in and
running for 1 year**



**Internet modem plugged in and running for
1 year**

87.6 kWh

Based on input power of 10 watts

**Fibre modems often using 5-10W, while older or
combination router-modem units may draw up to
35W.**



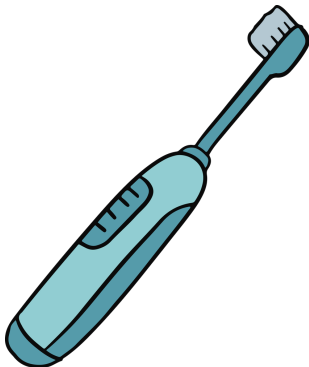
A halogen light bulb on for 10 hours



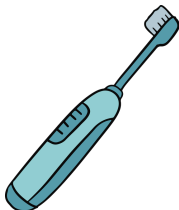
A halogen light bulb on for 10 hours

500 watt-hours (0.5 kWh)

**A standard halogen downlight uses, on average, 50 watts.
A comparable LED uses only 4-8W.**



**An electric toothbrush on charge for
2 hours**



**An electric toothbrush on charge for 2
hours**

>2 watt-hours

**Based on an Oral B charger of .9 watts.
Some chargers can use up to 5 watts.**



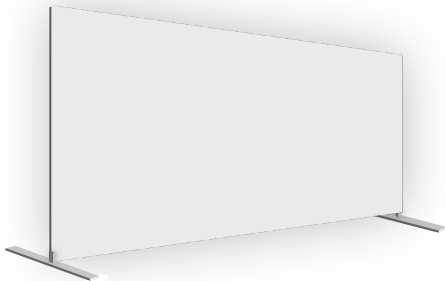
A 6L slow cooker on high for 8 hours



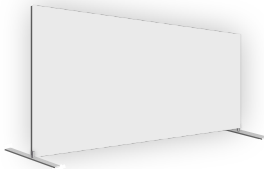
A 6L slow cooker on high for 8 hours

2.56kWh

Based on input power of 320 watts. This will be lower if you set it to 'low' or 'keep warm' temperature setting.



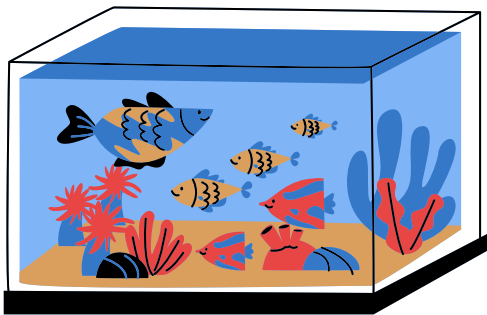
**Infrared panel heater, 2 people, 5
hours**



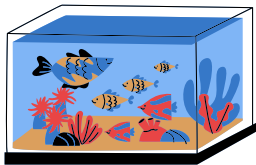
Infrared panel heater, 2 people, 5 hours

3.3 kWh

**Based on input power of 660 watts.
Suitable for a small, well-insulated room, like
a small lounge.**



**300L tropical fish tank running for 24
hours**



**300L tropical fish tank running for 24
hours**

7.7 kWh

**Using a 300 watt heating rod, a 4.5 watt
aerator and a filter using 15 watts.
LED light optional!**