

COOLmob Energy Saving Tips

In Summer, set your air conditioner to 23°C (or higher) and run your ceiling fans at the same time.

- This reduces humidity and distributes cold air more evenly.
- Every degree you lower your air conditioning in summer can increase its running cost by up to 10%.
- Close windows, curtains and blinds during the day. This will reduce the amount of heat inside and decrease your household's reliance on air conditioning.



In Winter, set the temperature to 18°C and wear warm clothing.

- Gas heaters and efficient reverse cycle air conditioners produce 1/3 the amount of greenhouse emissions than conventional electric heaters (Your Home, 2018).
- Consider zoning off one living area to heat and cool rather than warming the whole house. Seal off gaps and vents for winter.

Clean your air conditioning system twice a year.

- A clogged up filter can increase your unit's running costs by 5% to 10% (Jacana Energy, 2018).

Turn appliances off at the wall, and turn off lights, fans and air conditioning when you leave the house.

- Switch off devices when you're not online and you could save between \$25 and \$45 a year on your TV, sound bar and game console, and \$30 and \$55 a year on your desktop computer, modem and printer.



- Place a small reminder note at your front door to remind your household to check lights, fans, airconditioners before you leave.

Install a water-saving showerhead and keep showers under 5 minutes.

- Halve your hot water consumption by installing a 3 star rated showerhead.
- Reduce showering time to under 5 minutes.

Wash clothes on cold setting and with a full load.

- Shrink your energy bills, not your clothing! Many washing powders are now designed for cold clothes washing.
- Air dry your clothing, instead of using a clothes dryer.
- When buying a replacement washing machine, a 6 star model will save you almost \$200 per year compared to a 1 star model.

Replace high-energy usage lighting (eg. halogen down lights) with low energy options (eg. LEDs).

- Lighting now consumes between 8 and 15% of the average household electricity budget.





- Most homes could reduce the amount of energy they use for lighting by 50% or more by making smarter lighting choices.
- Halogen incandescent bulbs, compact fluorescent lights (CFLs), and light-emitting diode bulbs (LEDs) use anywhere from 25-80% less electricity and last three to 25 times longer than traditional bulbs.
- Substituting a 60 watt halogen with a 8 watt LED will use 1/6 of the electricity.

Replace old appliances with high-energy star rating appliances.

- Every extra star in efficiency can reduce running costs by 10% (Jacana Energy, 2018).
- Although energy efficient appliances usually have higher purchase prices, their operating costs are 9-25% lower than conventional models
- Compare appliances now at www.energyrating.gov.au

Replace your old refrigerator or freezer, and if you have a second one surrender it.

- Save up to \$200 per year in electricity by turning off or selling your old refrigerator or freezer (Jacana Energy, 2018).
- Check fridge and freezer door seals are in good condition and replace if they are leaking cold air.
- Keep internal temperatures between 3-5°C for fridges and between -15°C to -18°C for



freezers. Each degree colder uses 5% more energy.

If you have a swimming pool, use a pool cover to save energy and water.

- A pool pump cover reduces summer pumping times by up to a half and winter pumping times by one-quarter, saving 600-1000 kWh/year (Alice Solar Cities, 2013).
- Clean skimmer box and filters regularly to reduce pressure on your pool pump.
- Install an energy efficient pool pump, and consider running your pump in off-peak times.



If you can, install ceiling insulation.

- Ceiling insulation is estimated to save approximately 350 kWh/year and make your home more comfortable. Save up to 45% on your heating and cooling bills (Alice Solar Cities, 2013).

If you can, install solar panels to take advantage of the sun's free energy!

- Due to reasonable Feed-In-Tariffs in the NT, you can payback the cost of installing solar panels within five years (COOLmob, 2018).
- If you can, switch to solar hot water - it could supply up to 90% of your hot water.

ENERGY RATING®

Capacity Output kW Power input kW

XX **XXX**

A joint government and industry program
<Air conditioner brand>
 <Model>

Compare models at www.energyrating.gov.au

ENERGY RATING®

Capacity Output kW Power input kW

XX **XXX**

3.60 kW heating capacity at 2°C

Variable output compressor (heating and cooling) YES NO

When tested in accordance with AS/NZS 3823.2
 Actual energy use and running costs will depend on how you use the appliance.

Demand Response (AS4755)
 Mode 1 Mode 2 Mode 3

For more information www.coolmob.org or email rachel.oleary@alec.org.au