# Home Energy Assessment



# Everyday climate choices

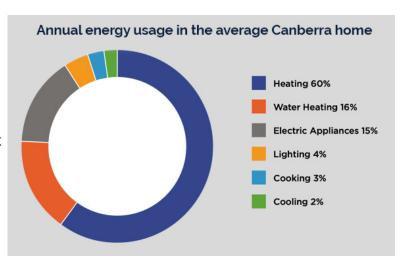


# **Property Owner Report**

Completing some or all of the recommendations in this report will make your property more energy efficient and comfortable, and should improve its value.

When you've read your recommendations, check out the links and resources at the end of this report and at <a href="https://www.climatechoices.act.gov.au">www.climatechoices.act.gov.au</a>.

If you live in the ACT, you can get free expert advice on saving energy in your home including additional support implementing these recommendations or checking your bills, by calling the ACT Sustainable Home Advice line on 1300 141 777 or emailing <a href="mailto:sustainableHomeAdviceProgram@act.gov.au">SustainableHomeAdviceProgram@act.gov.au</a>.



The size of the area you are heating, the number of hours heaters are on, and the temperature setting all have a big impact on your bills. In summer a comfortable and cost-effective range to set the thermostat is 25-27°C, and in winter it is 18-20°C

#### test test

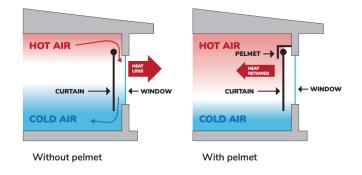
If you found your home energy assessment and report useful please let your friends, family and networks know.

# Windows and draughts

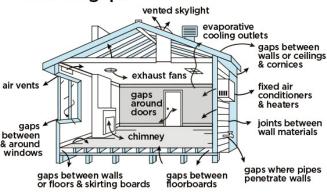
#### Your recommendations

 Also, installing pelmets above the blockout curtains would increase the Energy Efficiency Rating of the property, improving the value of the property.

You can find more detailed information about draughtproofing, window insulation and window coverings in the links at the end of this report.



#### Find & fix gaps



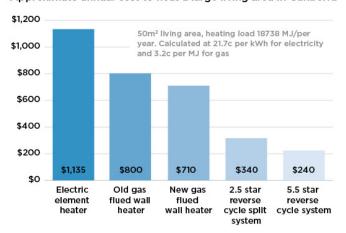
# Heating

# Your heating recommendations

- Regularly check and clean the dust from your air conditioning vents and filters to ensure your system is running as efficiently and safely as possible. This can reduce running costs by 5-15%.
- Reverse cycle air conditioning is the most energy-efficient form of heating. Installing air conditioning in all rooms that need to be heated is likely to reduce total heating costs.

There is more information about heating your home in the links at the end of the report.

#### Approximate annual cost to heat a large living area in Canberra



# Cooling

# Your cooling recommendations

- Keep your home cooler in summer by opening your windows, doors and curtains when it cools down at night, then closing them in the morning as soon as it starts to get warm outside.
- Air conditioning units should be serviced annually. This will extend the life of the unit, saving you money in the long term
- If you are thinking about buying a new cooling appliance, check the energy star rating labels (see <a href="https://www.energyrating.gov.au/">https://www.energyrating.gov.au/</a>).
  More stars mean more energy-efficient. Choosing a more energy-efficient cooling appliance will reduce energy consumption and help



Fans are an extremely cost-effective

# **Appliances**

# Your appliances recommendations

- You can find out how much each of your appliances is costing you by getting a plug-in power meter (see photo). It will show how much power the appliance has used since it was plugged into the meter and will calculate the cost. You can buy power meters at hardware stores or online.
- When the time comes to buy a new appliance, check the energy star rating labels (see <a href="https://www.energyrating.gov.au/">https://www.energyrating.gov.au/</a>). More stars mean greater energy efficiency. Choosing a more energy-efficient appliance will reduce energy consumption and help lower energy bills.
- A new, efficient dishwasher could save considerably on running costs. Look for a unit with an eco function and the best energy and star rating you can afford
- A new, efficient dryer could save considerably on running costs. It is now possible to buy heat pump dryers with 10 star energy rating.



A plug-in power meter

# Hot Water

#### Your recommendations

- Insulate all pipes going into and out of your hot water unit with foam tubing, known as lagging, to prevent heat loss, especially the two metres closest to your water heater.
- Ask an electrician to check that the hot water storage tank thermostat is set at 60 degrees.
   Running costs will be higher if the temperature is set any higher. (To prevent the growth of Legionella bacteria in the



Hot water heat pumps are significantly more energy-efficient than conventional water heaters.



Pipe insulation (often called lagging) is low cost and readily available from most hardware outlets. Insulate the first 2m of exposed pipes from your hot water unit, especially those carrying hot water.

tank, the thermostat should never be set lower than 60 degrees).

# Insulation

#### Your insulation recommendations

Not applicable (e.g. if your home has another home above it).

# Links & Resources

- Energy in the ACT <a href="https://www.climatechoices.act.gov.au/energy">https://www.climatechoices.act.gov.au/energy</a>
- Heating your home https://www.climatechoices.act.gov.au/energy/energy-efficiency/heating-for-your-home
- Staying warm on less energy https://act-hea.com.au/wp-content/uploads/2021/01/Actsmart-Staying-warm-on-less-ACCESS.pdf
- Actsmart Energy Saving Guide (a detailed guide and action plan template)
   <a href="https://act-hea.com.au/wp-content/uploads/2021/01/ACTSmart-ESG-12-20.pdf">https://act-hea.com.au/wp-content/uploads/2021/01/ACTSmart-ESG-12-20.pdf</a>
- Draught-proofing DIY videos
   https://www.climatechoices.act.gov.au/policy-programs/sustainable-home-advice-program and https://www.greenityourself.com.au/category/topics/draught-proofing
- Make the Switch from gas appliances to an efficient all-electric home <a href="https://maketheswitch.org.au">https://maketheswitch.org.au</a>
- Better Renting Energy Efficiency Guide for People Who Rent https://www.betterrenting.org.au/energy\_efficiency\_renting
- Renters Guide to Sustainable Living https://renew.org.au/publications/renters-guide-to-sustainable-living/
- Energy rating website <a href="https://www.energyrating.gov.au/">https://www.energyrating.gov.au/</a>
- The renting book <a href="https://act-hea.com.au/wp-content/uploads/2021/01/The-Renting-Book.pdf">https://act-hea.com.au/wp-content/uploads/2021/01/The-Renting-Book.pdf</a>
- My Efficient Electric Home Facebook group https://www.facebook.com/groups/MyEfficientElectricHome

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For further information about your recommendations and how to implement them please contact:

For further information about ACT energy efficiency programs and technical advice, call the ACT Sustainable Home Advice line on 1300 141 777, email <a href="mailto:sustainablehomeadviceprogram@act.gov.au">sustainablehomeadviceprogram@act.gov.au</a>, or visit <a href="mailto:swww.climatechoices.act.gov.au">www.climatechoices.act.gov.au</a>.

