

Forgotten Fuel factsheets

Notes and sources

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The Forgotten Fuel factsheets accompany the [Forgotten Fuel series](#) of reports.

All figures included in the Forgotten Fuel factsheets have been provided by the Energy Efficiency Council (EEC). They are based on industry consultation and research undertaken by the EEC in September and October 2025, as well as figures sourced from reputable organisations.

Further information about additional sources of those figures is included below.

The accompanying statements included on the factsheets are sourced from ANZ and the EEC's [Putting energy efficiency to work](#), with sources included therein.

All factsheets

Upfront costs

The price ranges, measured in Australian dollars, combine both product *and* installation costs. Price ranges have been provided, rather than average prices, due to differences in:

- Climate zones
- Dwelling sizes (i.e. square metreage) and types (i.e. house, townhouse, apartment, etc.)
- Existing thermal performance
- Required preliminary electrical work
- The availability of qualified and registered installers in different cities and regions.

In some states and territories, government rebates may be available; this has not been accounted for in the calculation of the upfront costs for any of the technologies included in the Forgotten Fuel factsheets.

Households and businesses can find out if they qualify for a rebate at energy.gov.au/rebates

Annual savings

Annual savings represent the price reduction in energy bills, measured in Australian dollars, inclusive of electricity and gas prices.

Payback period

Payback periods are calculated by dividing the upfront costs (of the product and its installation) by the annual savings (in energy bills).



Ceiling insulation factsheet

Upfront costs

Additional sources for the estimation of the upfront costs of ceiling insulation include:

- Insulation Council of Australia & New Zealand 2024, [The value of insulating existing homes](#).
- Commonwealth Science and Research Organisation (CSIRO) 2024, [Insulating against rising electricity costs](#).

Annual savings

Additional sources for the estimation of the annual savings from ceiling insulation include:

- Climate Council 2023, [Smart Energy Use: How to cut energy bills and climate harm](#).
- Renew 2024, [Minimum energy standards for Victorian renters: an analysis](#).

Draught proofing factsheet

Upfront costs

The price range is based on ‘do-it-yourself’ (DIY) solutions based on an average three-bedroom home with four external doors. Indicative costs are based on an assessment of costs from various hardware stores operating in Australia.

Annual savings

Additional sources for the estimation of the annual savings from draught proofing include:

- Climate Council 2023, [Smart Energy Use: How to cut energy bills and climate harm](#).
- Renew 2024, [Minimum energy standards for Victorian renters: an analysis](#).

Heat pump hot water systems factsheet

Upfront costs

The price range is based on a three to five-person home replacing an existing gas hot water system.

Additional sources for the estimation of the upfront costs of heat pump hot water systems include:

- UTS Institute for Sustainable Futures, [Domestic Hot Water and Flexibility](#).

Annual savings

Additional sources for the estimation of the annual savings from heat pump hot water systems include:

- Renew 2024, [Minimum energy standards for Victorian renters: an analysis](#).
- Solar Victoria 2025, [From solar to heat pumps: Choosing the right hot water system for your home](#).



LED lighting factsheet

Upfront costs

The cost is based on an average price of a 10W globe available from various home appliance stores operating in Australia.

Annual savings

Additional sources for the estimation of the annual savings from LED lighting include:

- MAC Trade Services 2025, [The bright idea that cuts energy costs – LED lighting](#).

Reverse cycle air conditioning factsheet

Upfront costs

The price range is based on one 3.5-kilowatt (kW) reverse cycle air conditioning unit, which would support a single room; costs for a ducted home system are estimated to be more than \$10,000.

Additional sources for the estimation of the upfront costs of reverse cycle air conditioning include:

- Victoria Department of Transport and Planning 2024, [Building Electrification: Regulatory Impact Statement](#).

Annual savings

Additional sources for the estimation of the annual savings from reverse cycle air conditioning include:

- Climate Council 2023, [Smart Energy Use: How to cut energy bills and climate harm](#).
- Environment Victoria & Renew 2024, [How we electrify: easy cost-saving options to replace gas heating](#).
- Renew and South Australian Council of Social Service (SACOSS) 2023, [Efficient heating and cooling in Adelaide homes](#).
- Renew 2024, [Minimum energy standards for Victorian renters: an analysis](#).



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