

## Heating

Annual heating costs assume heating is used for 8 hours per day in Melbourne during the heating season (May–October), unless otherwise specified. For each degree the thermostat is increased, costs will increase by up to 15%. Running heating 24 hours a day will double costs. Energy smart homes can reduce heating costs by up to 30%.

### Central heating

All costs are given for homes of 150 m<sup>2</sup> with 2.4 m ceilings, heated to 21°C. Calculations for larger or smaller homes can be estimated proportionately from these. Add \$65 per year if your heater has a fan (all gas ducted heaters have one), \$25 per year for natural gas heaters with pilot lights and \$70 per year for LPG heaters with pilot lights.

Heating system	Natural gas			LPG		
	Approx. hourly cost	Annual cost (fully insulated home)	Annual cost (poorly insulated home)	Approx. hourly cost	Annual cost (fully insulated home)	Annual cost (poorly insulated home)
Gas ducted heating (1–2 star rating furnace)	28c–44c	\$480–\$530	\$660–\$740	78c–\$1.23	\$1340–\$1490	\$1850–\$2070
Gas ducted heating (1–2 star rating furnace—zoned*)	15c–22c	\$240–\$270	\$330–\$370	42c–62c	\$670–\$760	\$920–\$1040
Gas ducted heating (4–5 star rating furnace)	21c–34c	\$360–\$400	\$500–\$560	58c–95c	\$1000–\$1120	\$1400–\$1570
Gas ducted heating (4–5 star rating furnace—zoned*)	11c–17c	\$180–\$200	\$240–\$280	31c–48c	\$500–\$560	\$670–\$790
Hydronic heating (panel radiators)	26c–41c	\$440–\$500	\$610–\$680	72c–\$1.15c	\$1230–\$1400	\$1700–\$1910
Hydronic heating (in-slab**)	n/a	\$430–\$490	\$710–\$790	n/a	\$1200–\$1380	\$1980–\$2210

\*assumes 50% of the home is not heated

\*\*assumes heating a home to 18°C for 24 hours a day