

Save electricity the easy way

Using these tips, a family of 4 can reduce their annual energy consumption by 30% = up to 1,000 kilowatt hours

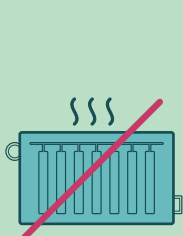
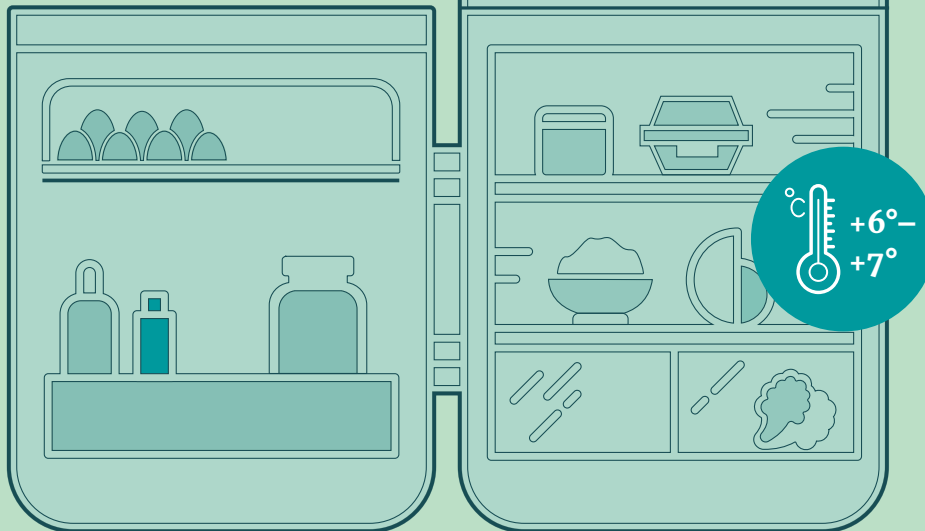


KITCHEN

>> COOLING AND FREEZING



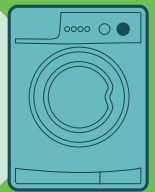
Open the door briefly



Positioning the fridge in a cool location reduces electricity consumption by 5%.

1 kilowatt hour of electricity can:

1 x 40° wash



15 t-shirts



100 hours



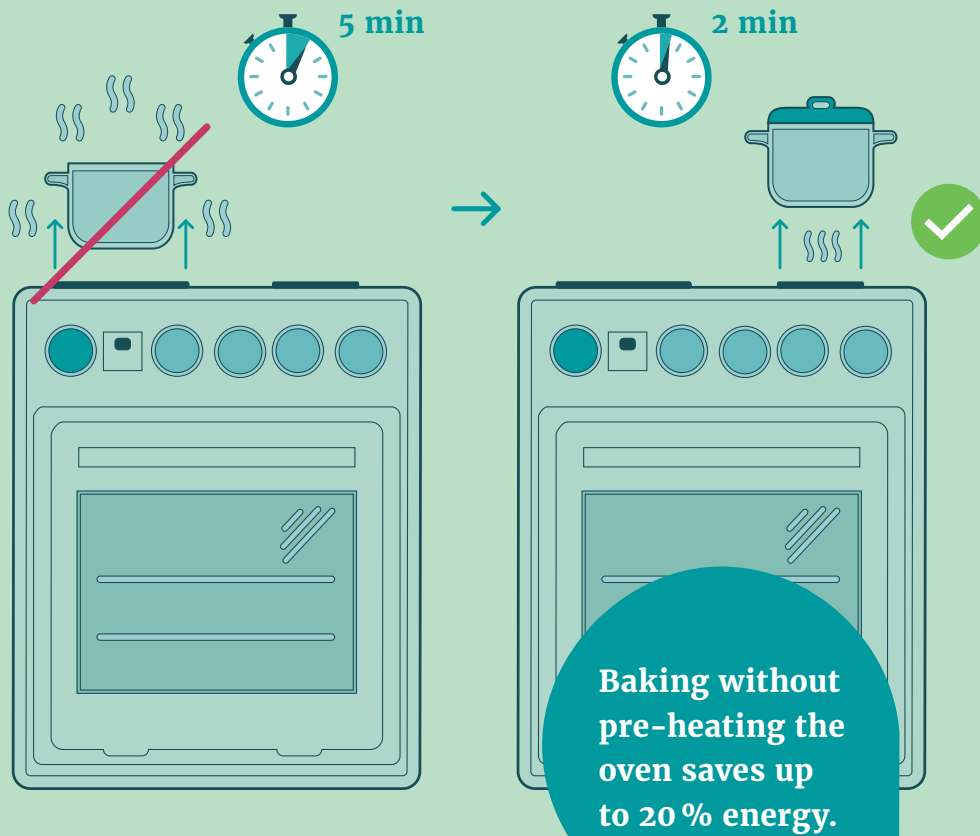
1 lunch



130 slices of toast



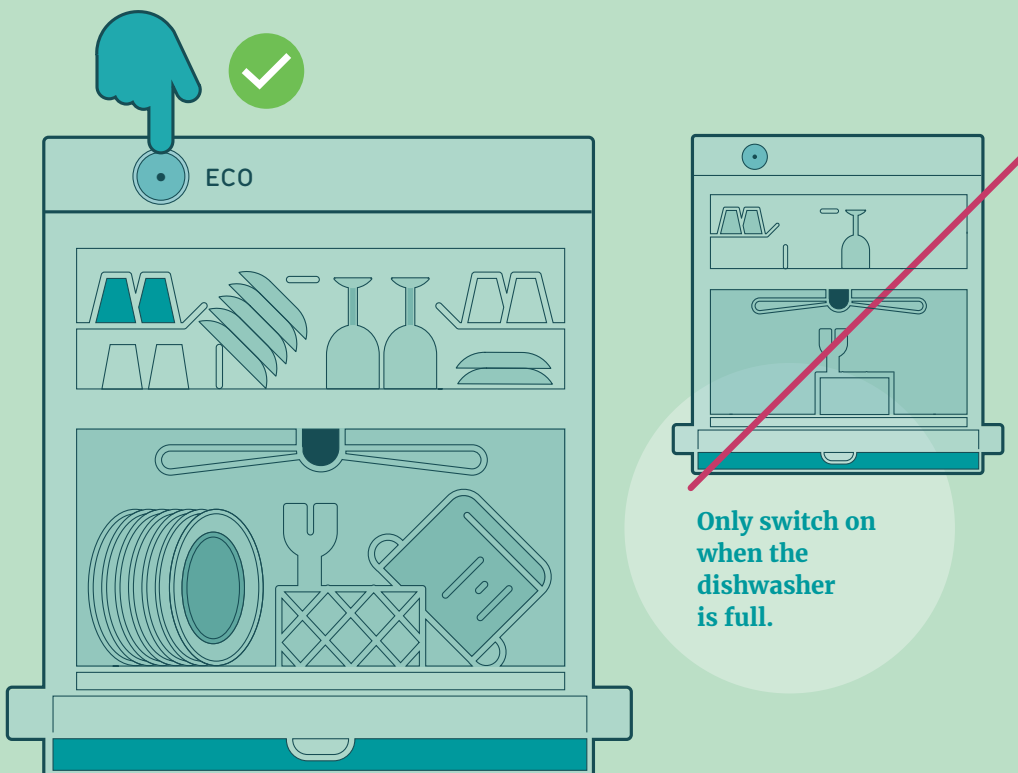
>> COOKING AND BAKING



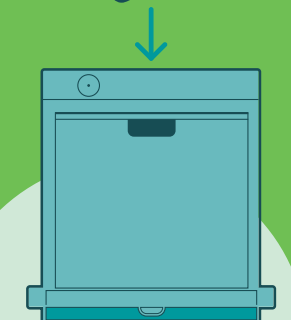
How can I boil water efficiently?



>> WASHING DISHES / DISHWASHER



Why use a dishwasher?



Saves 75% water and 25% energy

BATHROOM

>> WASHING CLOTHES / WASHING MACHINE



Fill the drum well

With modern machines, 30-40°C is sufficient for cleaning clothes – this saves a lot of energy.

Why use an energy saving programme?



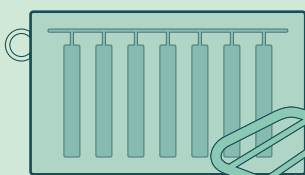
Saves a lot of energy and water even if it takes longer.



>> DRYING LAUNDRY / WASHING LINE



Hang up laundry in heated rooms



Drying laundry on heater → higher costs

Why not to use a tumble dryer?

Uses a huge amount of electricity – for a family approx. 200 kilowatt hours a year.

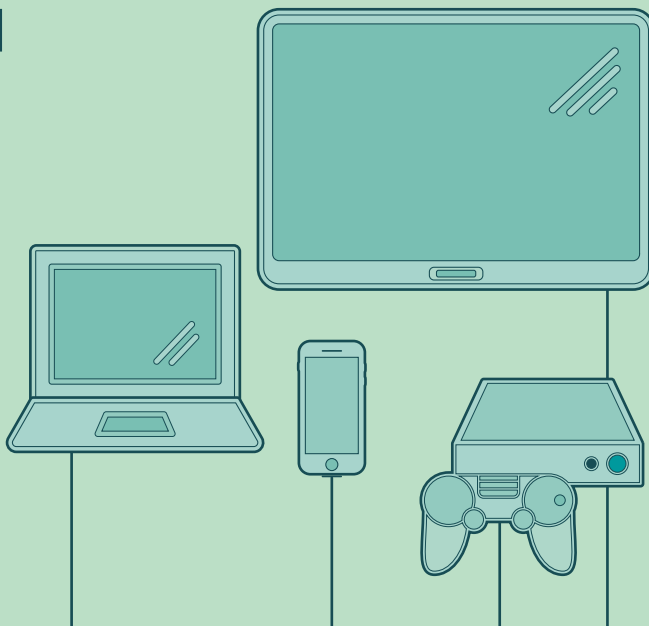
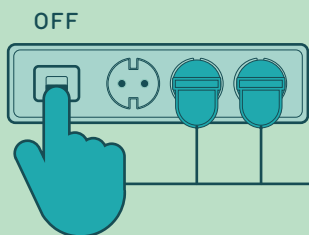
If you do use one, always choose the eco cycle



LIVING ROOM

>> ELECTRICAL DEVICES

Use multi-socket power strips: Even in standby mode these devices consume a lot of energy.



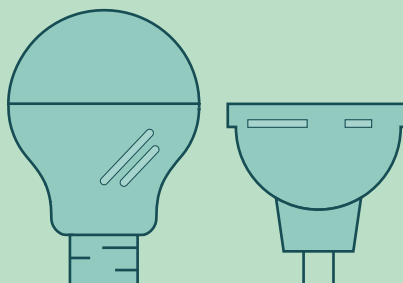
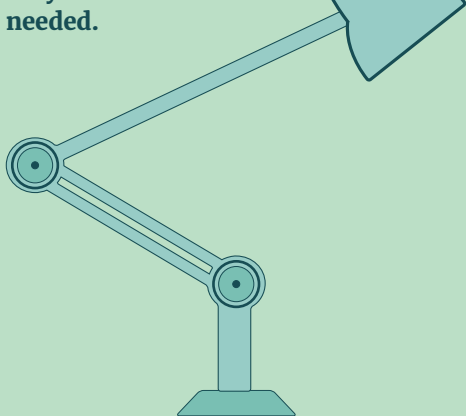
Why use energy-saving mode?



You can reduce energy consumption by approx. 10%.

>> LIGHTING

Always switch off lights when they aren't needed.



What advantages do LED bulbs have over incandescent bulbs?

- 90% less energy consumption
- 10–25 x longer lifetime

Where do I dispose of dead LEDs?



Not in the household waste

- Waste collection point
- Electrical shop

- Great energy-saving devices and tips for buying and using them can be found at: www.topprodukte.at
- The energy information centres will be happy to advise you at: www.klimaaktiv.at/energieberatung

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Text and editing: Altan Sahin, Kerstin Schilcher (Austrian Energy Agency) and Eva-Marieke Lems, Sabine Vogel (DIE UMWELTBERATUNG)

Illustration & Graphics: Barbara Lewall

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Cool through the summer

Leave the heat outside - keep windows closed during the day and air your home at night.

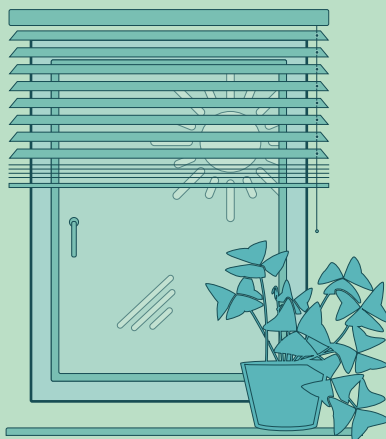


PROTECTION FROM SUMMER HEAT

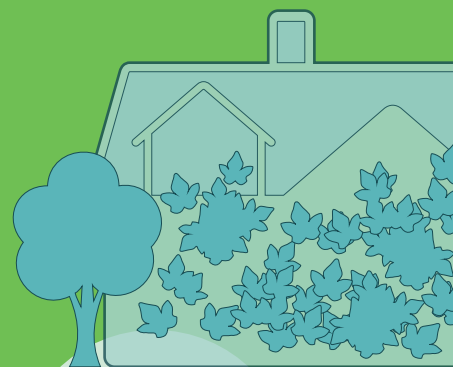
>> LEAVE THE HEAT OUTSIDE



Houseplants cool down rooms and humidify the air



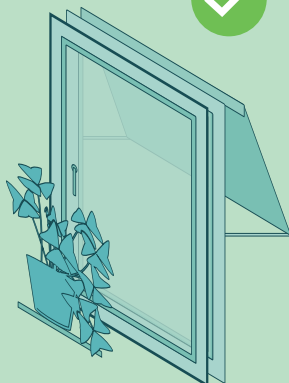
Why use plants as heat protection?



Plants help stop buildings heating up ...

>> CREATING SHADE

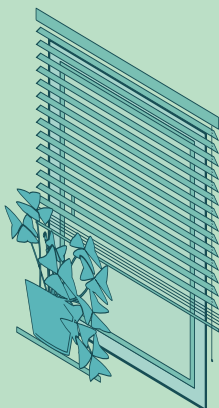
1. Ideal: external sunshade



2. Also suitable: darkening between the panes

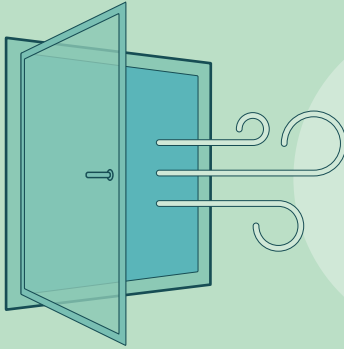


3. Least suitable for cooling rooms: internal sunshade

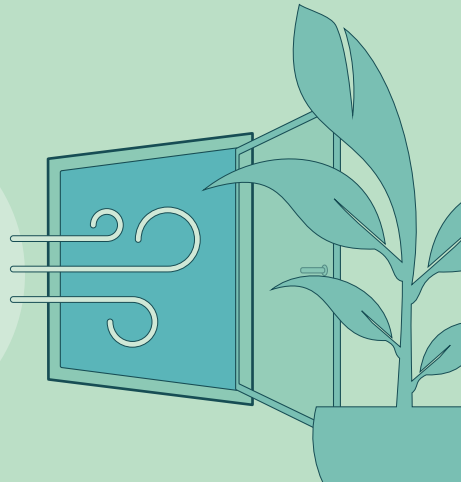


... and cast shadows when positioned in front of the window

>> CORRECT VENTILATION

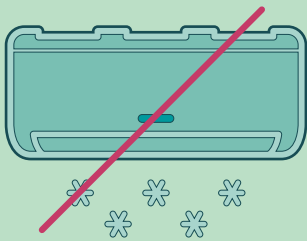


When it's hotter outside than inside – only use cross-ventilation briefly



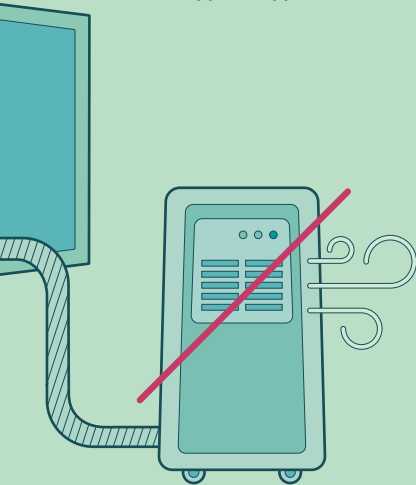
Ideally, cool down at night

>> AVOID USING AIR CONDITIONERS

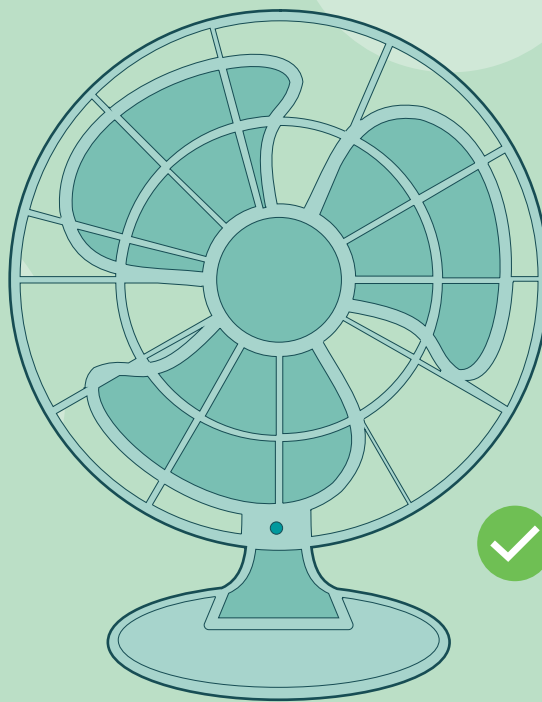


1 split air conditioner consumes as much electricity as 66 fans

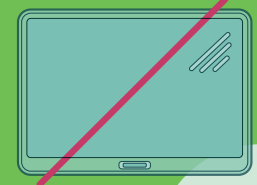
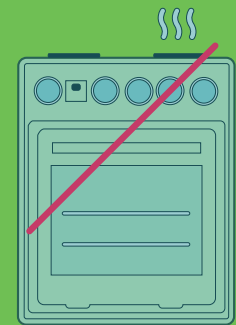
Fans provide cooling and are the cheapest option



Mobile air conditioners increase the electricity consumption of a family by 10 – 15 %



Why keep electrical devices switched off as much as possible?



They create heat

- Information and tips for a more comfortable interior climate can be found at: www.topprodukte.at/services
- The energy information centres will be happy to advise you at: www.klimaaktiv.at/energieberatung

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Federal Ministry
Republic of Austria
Climate Action, Environment,
Energy, Mobility,
Innovation and Technology

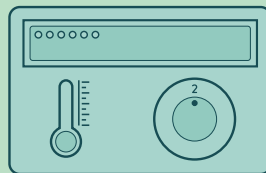
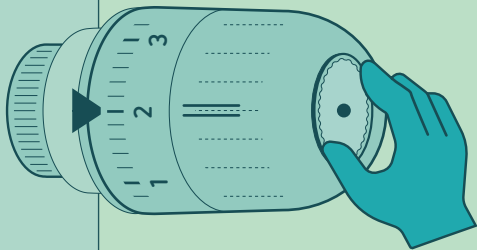


Save heating costs in winter

1°C lower room temperature = 6% lower heating costs.



>> REDUCE TEMPERATURE

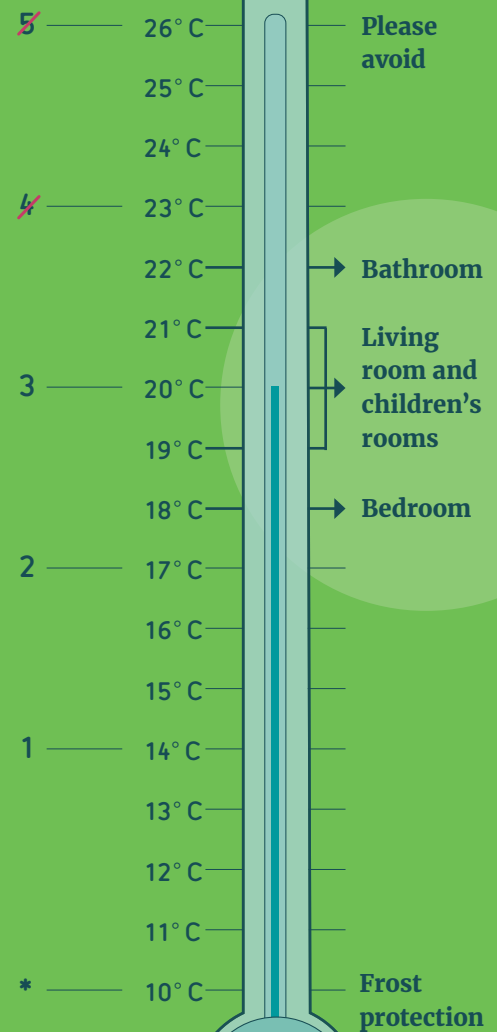


Setting thermostats at night to 17 – 19°C (level 2) saves up to 10% heating costs

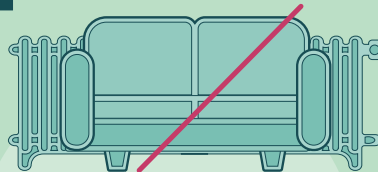
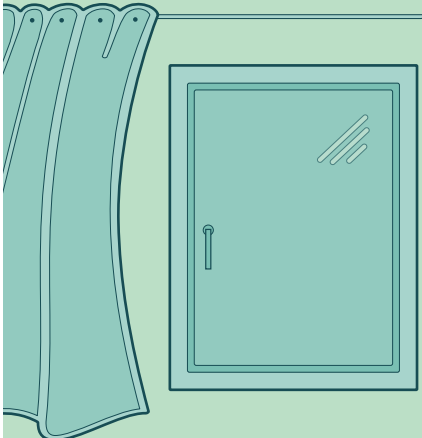


How warm should I heat my home?

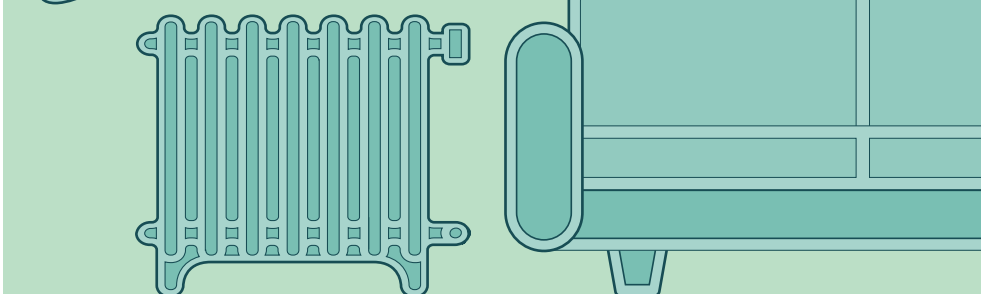
Thermostat level



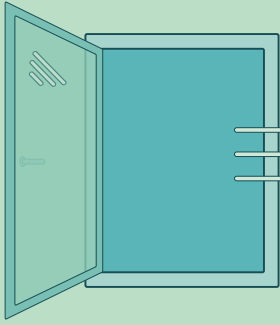
>> DON'T OBSTRUCT RADIATORS



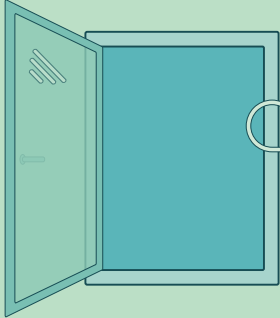
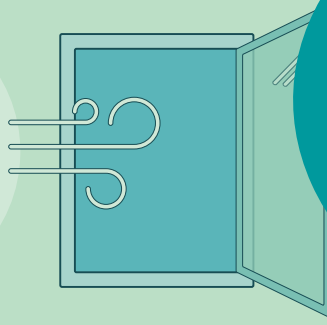
Furniture and curtains in front of radiators increase heating costs by up to 12%



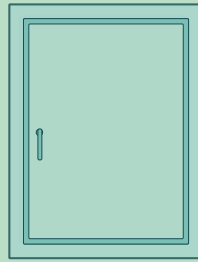
>> PROPER VENTILATION



We recommend either regular 3–5 minutes cross-ventilation ...



... or regular 5–10 minutes impact ventilation



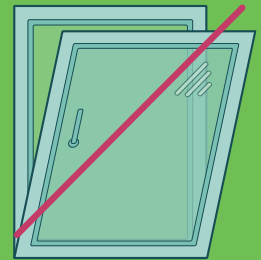
3 good reasons for ventilating your rooms:

- avoids build up of mould
- removes harmful substances
- breathing fresh air helps keep you healthy



How do I stop the buildup of mould?

- Don't tilt windows – the walls then cool down and little fresh air comes in



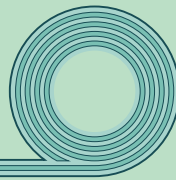
- Always ventilate after cooking and showering
- Don't position furniture against external walls
- Seal leaky windows and doors

>> SEAL DOORS AND WINDOWS



Make sure doors and windows are sealed properly

Use the right sealing material



- Information and tips on heating can be found at: www.klimaaktiv.at/heizen
- The energy information centres will be happy to advise you at: www.klimaaktiv.at/energieberatung

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