

## Energy efficiency classes

When buying new electronic equipment, energy efficiency classes are of huge help. They give information about energy efficiency during usage. The scale appears as shown in the picture and reaches from the best achievable value A through to worse, but still acceptable value such as B and C through really inefficient one like G.



### Stove

While cooking, close pots and pans with appropriate lids. Otherwise, heat escapes and more energy is being used. Pressure cookers save up until 50% of time and energy while cooking. In general, reduce heat early and use residual heat. **After cooking, open the window so that odors and humidity can escape well.**

### Washing machine

Fully load each wash cycle. Don't wash unnecessarily hot (for average dirty laundry 30°C and for white laundry 40°C is fairly enough). Whenever possible, air-dry your laundry instead of using the tumble dryer. **If laundry is dried in the apartment, it should be well ventilated so that the humidity can escape.**

### Dish washer

Load dish washer fully to use whole capacity. Choose a low rinse temperature (40°C to 50°C)

### Electronic devices

Many devices also use energy when they are not actually in use. Some even cause costs when in stand-by mode.

**Switch off your devices or the plug strip where it is plugged in completely. Unplug if no switch is available.**

### For further information please contact:

ARC REAL ESTATES Gruppe  
Petermax-Müller-Str. 3  
30880 Laatzen

Tel.: +49 5102 73097-10  
Fax: +49 5102 73097-99  
E-Mail: [facility@arc-invest.com](mailto:facility@arc-invest.com)



# Ventilate and heat properly & save energy



| [arc-immobilien.com](http://arc-immobilien.com)



## Why is proper ventilation so important?

In order to avoid moisture and mold in the apartment, regular ventilation is essential. This replaces the moist air with fresh, dry air from outside. Additionally, proper ventilation increases the comfort of living, saves energy and thus reduces costs for heating.

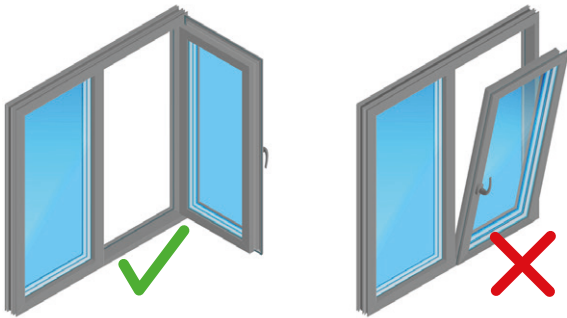
## How to ventilate properly?

**Ventilate inhabited rooms at least 2 times a day** (rooms with increased humidity such as bathroom or kitchen more often).

This decreases air moisture and reduces the risk of mold development. In order to avoid the spread of moisture into adjacent rooms, room doors of those with increased air moisture should be kept closed. **Especially after cooking or in rooms where laundry is dried, should be well ventilated.**

### Shock and cross ventilation

Windows are opened completely. If possible, windows of opposing rooms should be opened simultaneously to encourage the exchange of big amounts of air. This also prevents the apartment from cooling down.



### Right duration of ventilation according to outdoor temperature

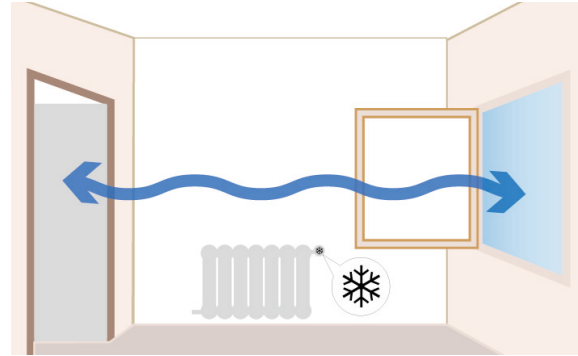
With frost: 2-3 minutes  
0-5°C: 5 minutes  
5-10°C: 5-10 minutes  
10-15°C: 10-15 minutes

### No permanent ventilation through tilted windows.

Air exchange is at a minimum, rooms cool down and moisture develops.

### Close down heaters while ventilating

This way you avoid wasting warmth and money.



## Why is proper heating important?

70% of a household's energy usage is caused through heating – appropriate heating is the best way to save costs and reduce CO2 emissions.

## How to heat right?

### Heat consciously

Every degree less saves 6% energy and protects the environment. The best room temperature is at 20°C, 22°C in the bathroom. For bedrooms 17-18°C can be sufficient.

**However: Cooler is not recommended as mold might develop!**

### Close roller blinds at night

Loss of heat and costs for heating can be reduced if roller blinds are closed after dark, as it keeps heat from leaking.

### Do not cover heaters

Heat cannot distribute well within rooms, causing heaters to use more energy through increased power usage.

### Lowering heating if nobody is at home

However, lowered room temperatures should not fall below 15°C as too much energy would be required to reheat the room to normal temperatures.

### Lower Heaters to small level and close down earlier

In order to save energy, do not shut down the heating completely, but lower and leave at a low level. Shutting down 30 minutes prior to sleeping as heating still continues for a while. In case of central heating, nighttime reduction will be handled automatically.

## Why is saving energy important?

Through conscious handling of energy one can contribute to climate protection, save resources and save money.

## How to save energy?

### Lighting

Only switch on the light in rooms that you are staying in. Use energy-saving lamps or LEDs for reduced power consumption.

### Refrigerators and freezers

Refrigerators and freezers should be placed in unheated rooms. Do not place next to stove, heaters or places with direct exposition to solar radiation. Let foods cool down before putting them inside.

The cooler the temperature within the equipment, the more energy has to be used to keep the temperature at a stable level. 7°C is enough for a refrigerator and freezer can be at -18°C. It is recommended to de-freeze both at least once a year.