

VENTILATION RULES

Proper heating and ventilation — To save energy and prevent humidity

Preventative measures are effective and simple to maintain and above all they serve your own health and comfort.

Hot air can absorb more moisture than cold air. This means that water condenses out on colder surfaces in room such as walls, windows etc. Any incoming fresh air considerably reduces the humidity as it warms. Energy consumption also lowers with proper ventilation.

To achieve and maintain a healthy living atmosphere, observe the following rules:

Proper temperatures:

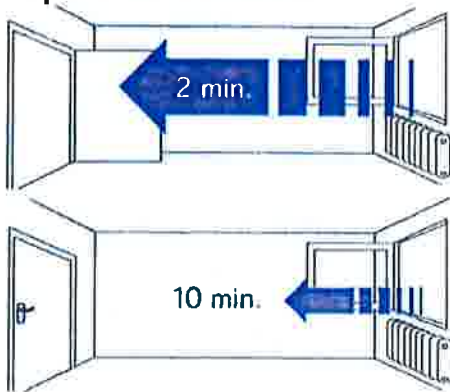
Do not overheat living spaces.

If away from home, do not completely shut off heating, heating at a reduce temperature is more economical.

Keep interior doors between differently heated rooms closed.

Never heat a cold bedroom from a warm living room. This can cause mould.

Proper cross-ventilation:



Ventilate from inside to outside

Ventilate through the apartment /house (cross-ventilate, at least two windows opposite each other)

Ventilate no matter the weather, even if raining. Cold outside air is drier than warm interior air.

The cooler the room temperature, the more often it must be ventilated. The colder it is outside the shorter the ventilation time.

Open the windows completely for a short period of time, (intense ventilation) a tilted window is ineffective, wastes heating energy and can result in mould formation.

Ventilate more frequently for sealed insulated glass windows.

Bathrooms with no outside window require regular forced ventilation.

Proper ventilation time

Do a complete exchange of air in the morning, ensure a draft, have the windows in all rooms completely open.

In the evening, do another complete air exchange incl. bedrooms.

Proper ventilation duration:

The required ventilation time depends on the difference in temperature between inside and outside and the wind direction. Even if there is no wind and a low temperature difference, generally a few minutes of intense ventilation is sufficient. Ventilate in the shortest distance towards the outside.

While cooking, letting laundry dry, ironing: keep the room closed and if possible, ventilate frequently and as soon as possible afterwards.

Cold outer walls:

Place furniture (cabinets etc.) a few centimetres away from the floor and wall (air recirculation).