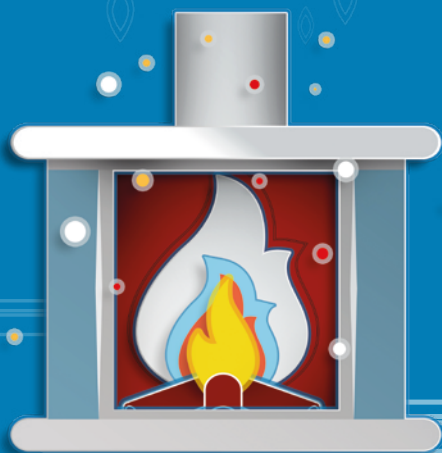


Keep warm with good air quality



* for a country with good air quality



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Choose right your burning device

- 1 Choose more efficient equipment that burns less wood, allowing you to save money and be more eco-friendly.
- 2 Open fireplaces are less efficient and release indoor pollutants too, damaging your health.
- 3 Choose closed fireplaces with heat recovery or a high performance efficient wood stove.
- 4 Burn pellets in proper devices.

Reasons to burn right:

- 1 **Better efficiency**
More heat with less wood.
- 2 **Eco-friendly**
Burning the right way produces less pollutants with less effects in health and climate.
- 3 **Improved security**
A closed fireplace protects you from chimney fires and carbon monoxide intoxication.

Air Pollutants from fireplaces

- 1 Wood is a renewable source of energy, but burning it releases fine particles (PM_{2,5}) and black-carbon (soot) among other pollutants with health effects.
- 2 Wood burning in a poorly functioning stove can release fatal levels of carbon monoxide inside your house.
- 3 Black carbon emitted by fireplaces absorbs solar heat which also contributes to global warming.

Choose a good firewood

- 1 Wood should be cut in spring, dried over summer (at least 6 months), stored in a well ventilated place, covered only on top with no direct contact with the ground.
- 2 Wood logs should have 15-20% of moisture content.
- 3 Wood logs should size from 6 cm to 12 cm wide and if stored close to the fireplace, leave some space between the fireplace wall.
- 4 Never use treated wood since it releases many toxic substances.

How to burn right:

1 Use dry seasoned wood.

To avoid back carbon and toxic emissions to the air use low moisture content and adequate dimension.

2 Lighting the fire.

Light the fire from the top to reduce pollutant emissions into the air.

3 Keep the fire burning.

Do not let the chamber burn down. A hot fire is more efficient and clean. Add more logs regularly.

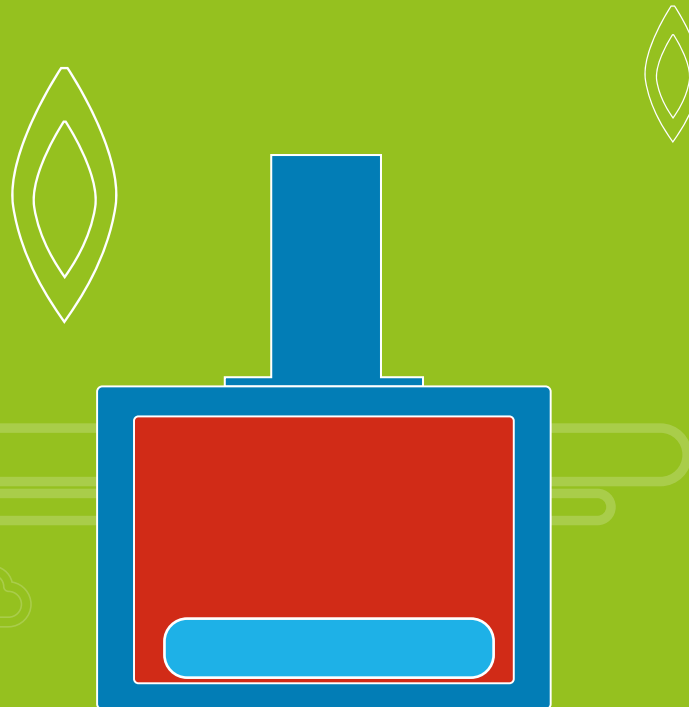
4 Keep a good combustion.

If the fire is burning right it will provide more heat, no visible smoke and the flame should be vivid and blue, light- red or yellow-red.

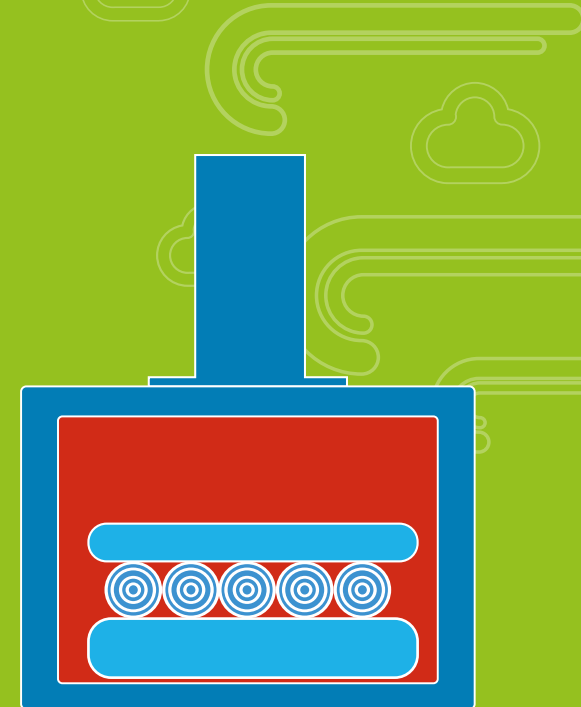
5 Use a clean and efficient stove.

Remove the ashes very carefully when they are completely cold not to raise breathable particles into the air.

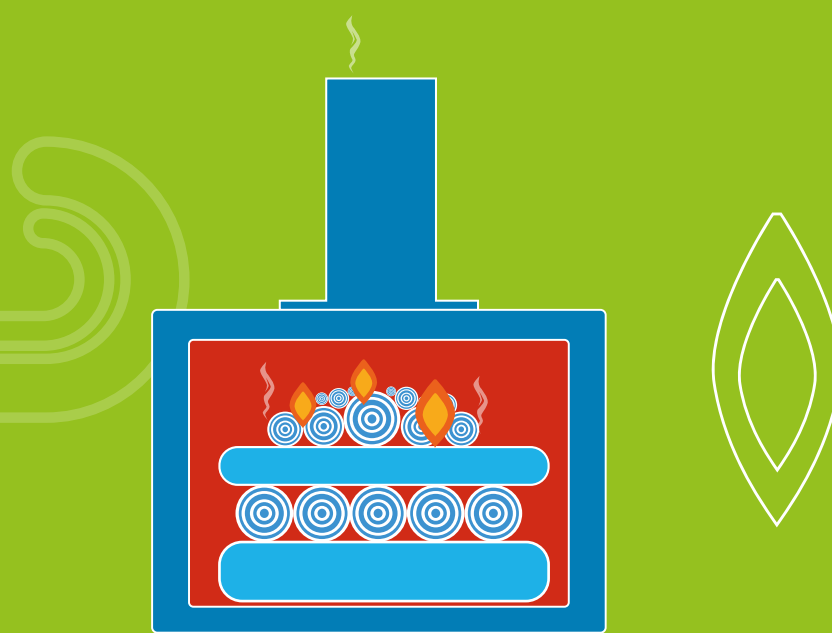
Light your fire from the top:



Step 1 - Place the logs at the bottom in a horizontal layer.



Step 2 - Crisscross two or more layers on top. The logs should be smaller than the layers below.



Step 3 - Place wood chips, barks or a fire starter on top of the layer. Do not use paper or paperboard for this end.



Step 4 - Keep the fire burning hot.