CHOOSE EFFICIENT APPLIANCE FOR HEATING WITH BIOMASS

If you want to make sure that the biomass heating appliance you're buying is efficient and eco-friendly, it is a good idea to look for certifications and labels.

The CE-label shows that your biomass heating appliance meets the European Union's legislation and requirements of safety, health and environment – both during production and as a finished product. The CE-labelling provides formal access to marketing and sales on the European market.

For example, CE-labelling for firewood stoves is awarded based on testing according to the European standard EN13240 and means that the efficiency of the firewood stove is at least 50%.

In the EU, from the 1st January 2018 solid fuel local space heating appliances (<50kW) must be sold with a printed label which shows their heat output and energy efficiency index. In addition to this, any promotional information must include reference to the efficiency class - on a scale from A++ (most efficient) to G (least efficient).

From the 1st January 2022, in addition to the label, the Ecodesign Regulations sets out emissions limits which must be met - including particulates, carbon monoxide (CO), nitrogen oxides (NOx) and Organic Gaseous Compounds (OGC). Minimum seasonal space heating efficiency will be:

- 30% for open fronted space heaters
- 65% for closed fronted space heaters (non-wood pellet fired)
- 79% for closed fronted space heaters (wood pellet fired)
- 65% for cookers

Enforcement of the new regulations will be carried out by national Market Surveillance Authorities (MSAs).