

Installer responsibilities for Energy Labelling of Space Heaters (Boilers)

It is important that installers are aware of the regulatory requirements that apply to them following the introduction of the EU energy labelling requirements in 2015 – generally referred to as ErP requirements.

Informing customers

From the 26 September 2015 all space heaters up to 70kW should be supplied with an energy label showing the energy rating of the product on a scale from A++ down to G. This label allows customers to directly compare the efficiency of gas or oil boilers and heat pumps, and *it is the responsibility of whoever sells the appliance to the end customer to inform them of this efficiency rating*. In many cases this will be the installer and, in principle, this information should be form part of the process of providing a quotation, with the customer given choices of different models where the energy efficiency rating can form part of the choice they make.

Providing a 'package label'

The regulation for space heaters includes a 'package' label that applies when the product is combined with other system components, including temperature controls. The package label must be produced even if the products are simply combined by an installer as part of an installation.

This means that installers need to produce a 'package label' when they install a temperature control with a boiler replacement (and the Boiler Plus amendments to the Building Regulations require the installation of a temperature control with a combination boiler in an existing property.)

As part of the fiche that will be included with the space heater is a sheet allowing a simple calculation to be made (for example by the installer) to calculate the efficiency of the 'package' by adding the value from the temperature control, as above, to the specified efficiency of the space heater.

Temperature controls placed on the market must now include details of the class of the temperature control and the % contribution it makes to the seasonal space heating energy efficiency. The full list of temperature control classes and the efficiency scores for each are shown below:

Class		Value %
I	On/off Room Thermostat	1
II	Weather compensator control, for use with modulating heaters	2
III	Weather compensator control, for use with on/off output heaters	1.5
IV	TPI room thermostat, for use with on/off output heaters	2
V	Modulating room thermostat, for use with modulating heaters	3
VI	Weather compensator and room sensor, for use with modulating heaters	4
VII	Weather compensator and room sensor, for use with on/off output heaters	3.5
VIII	Multi-sensor room temperature control, for use with modulating heaters	5

BEAMA have produced an online tool that can be used to easily produce a package label. This can be found at: <http://www.ecoboiler.eu/>

The full regulation can be read [here](#).

This regulation became UK law following the UK leaving the European Union. Details [here](#).

The regulation itself is currently under review both in the EU and UK, with this likely to be complete in 2023.