

# ErP easy as ABC



# ErP easy as ABC with Worcester.

The purpose of this guide is to explain the role of the ErP Directive and how it impacts you and your customers.

## ✔ Simple to use tools.

Prior to its launch in September, we will have a number of tools in place to make the ErP process, and the identification of efficiency levels for Worcester products and systems, as easy as possible for you.

## ✔ Discussed in every training course.

On each of our training courses, we have a slot dedicated to ErP and we will also have a course as part of our Online Training Academy.

## ✔ Technical Support Team.

Our technical support team will be available on the phone and our website will also contain all the information needed to ensure that the subject is simple to understand.

Should you have any questions on ErP, please call us on **0330 123 3641** or e-mail us at **ErP-advice@uk.bosch.com**



# What is ErP?

ErP stands for “**E**nergy-related **P**roducts”.

The ErP Directive, which is a new regulation set by the European Union, is designed to drive improvements in the efficiency and performance of heating and hot water products.

Its purpose is to ensure that end users are aware of the level of energy efficiency inherent within their appliances.

As such, the Directive will help European governments reduce carbon emissions and improve the overall efficiency of the housing stock, while helping homeowners to reduce their energy bills.

The ErP regulations cover boilers, combination boilers, water heaters and other heating appliances up to 400kW.

# What is Energy Labelling?

The Energy Labelling involves a label which we are familiar with today on washing machines and televisions at the point of sale.

The Energy Labelling regulations introduce Europe-wide energy labelling requirements for boilers, combination boilers, water heaters and other heating products up to 70kW and hot water cylinders under 500 litres.



**Comes into force on 26th September 2015.**

## How will it affect me and my business?

These changes will have implications with how you communicate with both merchants and customers.

The new Energy Label will be supplied with the heating appliance and, therefore, it is the manufacturer's responsibility to ensure that customers receive the energy label with the heating appliance.

If you have a showroom, it will be your responsibility to display an Energy Label when displaying an ErP compliant product.

Similarly, if you generate your own literature or sales brochures, then you must clearly display the energy class for heating and, if it is a combi boiler, hot water.



## How will this benefit me and my business?

The Energy Label can provide you with a simple sales tool that you can use to illustrate to the homeowner how much more efficient their new boiler will be in comparison with an older boiler. It will also illustrate the benefits that controls and renewable technology can have on the system's band rating and efficiency.

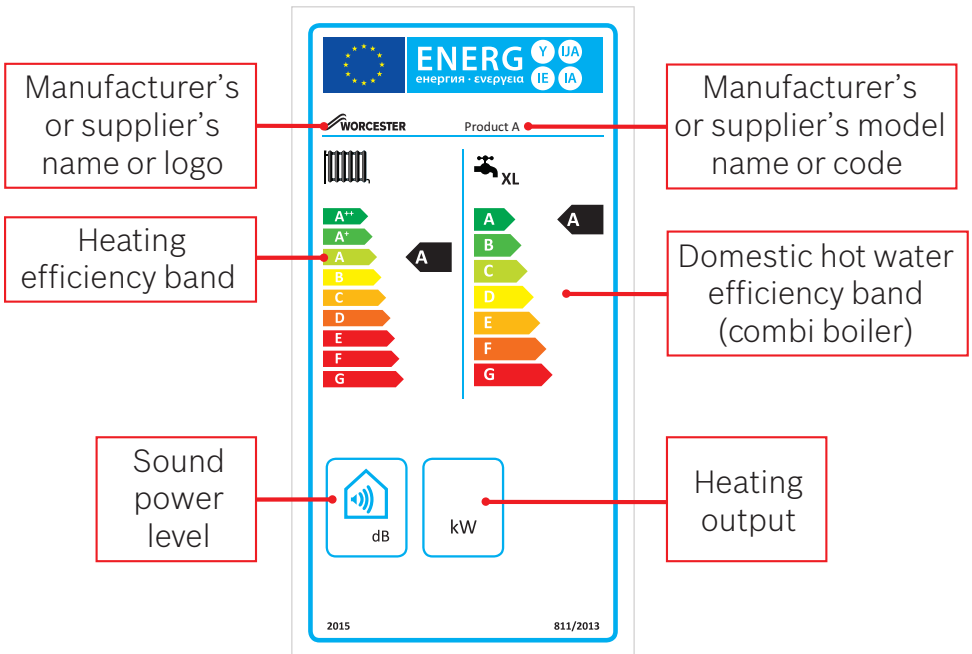
# How will the labelling scheme work?

The new Energy Labelling Directive will introduce new efficiency classes with from A++ to G alongside the existing SEDBUK rating for boilers in the domestic and light commercial sectors.

Most high efficiency boilers will fall within the A band, which requires them to achieve more than 90% seasonal efficiency, while renewable technologies such as heat pumps will likely be in the A+ or A++ bands (depending on flow temperature).

The efficiency classes for each Worcester product must be shown in literature and be made available if advertising online.

There is no requirement for having the label visible on a product's packaging.



## What about systems that contain different products?

In these circumstances, there is a responsibility to provide a package label when combining a heating appliance with a temperature control and/or solar system with a cylinder and/or a supplementary heating appliance (e.g. a two boiler cascade with a combined output of less than 70kW).

The person who puts that package together will need to produce a package document known as a fiche (data table) and a label that provides the combined energy efficiency rating rather than ratings of each individual component.

For example, this could be the merchant's responsibility if they supply a complete package under one part number or your responsibility if the items are bought individually under separate part numbers.

If it is your responsibility for calculating the overall package efficiency, you must record each product on a fiche in addition to the final system efficiency.

It is also your responsibility for providing the package label and fiche to the customer.

**In either circumstance, Worcester will provide a tool that makes calculating the overall package efficiency of a Worcester system effortless.**



## What about controls?



The ErP Directive covers all products that consume energy, such as boilers, heat pumps, solar thermal etc. It also includes controls, which are defined using 'classes'. These run from Class I (a simple on/off room stat) through to Class VIII (multi-sensor room control for use with modulating heating appliances).

Each control class equates to a certain percentage uplift in system efficiency e.g. A class VI weather compensating control and room thermostat, such as the Worcester Wave, will add 4% efficiency to the heating system.



For further information and advice  
call the Worcester ErP Helpline  
on **0330 123 3641** or email  
**ErP-advice@uk.bosch.com**

[worcester-bosch.co.uk/erp](http://worcester-bosch.co.uk/erp)

Calls to 03 numbers cost no more than a national rate call to an 01 or 02 number and must count towards any inclusive minutes in the same way as 01 and 02 calls. These rules apply to calls from any type of line, including mobile, BT, other fixed phone line or payphone. Calls from mobiles and some other networks may vary. Calls to and from Bosch Thermotechnology Ltd may be recorded for training and quality assurance purposes.

