

GUIDE TO ErP.

IDEAL COMMERCIAL BOILERS HAS BEEN PREPARING FOR THE ENERGY RELATED PRODUCTS (ErP) DIRECTIVE SINCE ITS ANNOUNCEMENT ON THE 21ST OCTOBER 2009 WITH THE INTRODUCTION OF OUR MARKET LEADING CONDENSING RANGE. EACH BOILER OUTPERFORMS THE 2015 ErP REQUIREMENTS.

WHAT IS ErP?

ErP is the framework directive that has been designed by the EU to improve the product efficiency of all Energy-related Products. This includes all heating and hot water products up to 400kW.

ErP is designed to help the EU achieve its target to reduce energy use by 20% and increase the share of renewable

energies by 20% by 2020. Ecodesign and Labelling Directives make up the ErP legislation, which applies throughout the EU.

**ErP DIRECTIVE COMES INTO FORCE
26TH SEPTEMBER 2015.**

ENERGY LABELLING DIRECTIVE.

THE ENERGY LABELLING DIRECTIVE WORKS IN CONJUNCTION WITH ECODESIGN BY CLEARLY DISPLAYING THE ENERGY CONSUMPTION OF ANY BOILER WITH AN OUTPUT UP TO 70kW.

All boilers up to 70kW will be required to have an energy label (product fiche). This will be included in the product brochure and other literature supplied with the boiler. These are already a familiar sight on white goods.

Low rated products in bands F and G will not be permitted under the new directive.

WHAT THIS MEANS FOR MANUFACTURERS

Boiler manufacturers such as Ideal Commercial Boilers will be responsible for ensuring their products have compliant energy labelling.

WHAT THIS MEANS FOR SPECIFIERS AND INSTALLERS

- Easy to specify the most efficient boiler
- Clear running cost savings
- You will need to calculate a system efficiency figure based on the different components of the system, e.g. boiler, control, renewable product used. Boilers include a blank label for system efficiency



ECODESIGN DIRECTIVE.

ECODESIGN ESTABLISHES THE PERFORMANCE REQUIREMENTS FOR A BOILER FROM THE DESIGN AND DEVELOPMENT PROCESS THROUGHOUT THE PRODUCTS LIFE CYCLE.

THIS ENSURES EFFICIENCIES ARE BUILT INTO THE PRODUCT AT THE DESIGN STAGE FOR ALL FOSSIL FUEL BOILERS WITH AN INPUT BETWEEN 70kW AND 400kW.

FOR BOILERS GREATER THAN 400kW PART L BUILDING REGULATIONS APPLY.

MINIMUM ErP EFFICIENCIES

Up to 70kW boilers must achieve a min of 86% seasonal energy efficiency.

70-400kW boilers at 30% output must achieve a min of 94% efficiency.

70-400kW boilers at 100% output must achieve a min of 86% efficiency.*

*This is higher than efficiency specified in Part L. The higher spec is adhered to.

CE ECODESIGN COMPLIANCE IS REQUIRED IN ORDER TO CARRY THE CE MARK.

High efficiency and atmospheric boilers up to 400kW do not meet the useful efficiency requirements and will no longer be manufactured.

WHAT THIS MEANS FOR MANUFACTURERS

Manufacturers can no longer produce boilers which do not meet ErP requirements. As a result most high efficiency and atmospheric boilers under 400kW will become obsolete.

Responsible manufacturers such as Ideal Commercial Boilers already have a range in place to support you post ErP.

Boilers affected by ErP will of course be supported through the spares programme.

WHAT THIS MEANS FOR SPECIFIERS AND INSTALLERS

You can continue to fit non ErP compliant boilers whilst stocks last at merchants post September 2015.

Promote the benefits of condensing boilers in new projects.

Retrofit into existing plant rooms will require system upgrades or replacement.

WE HAVE IT COVERED.



ALL THIS COULD SOUND DAUNTING BUT DON'T WORRY, WE'RE HERE TO HELP!

IF YOU HAVE ANY QUESTIONS OR CONCERNS, YOU CAN TURN TO IDEAL AND WE'LL HAVE THE ANSWERS.

CALL OUR TECHNICAL HELP TEAM ON **01482 440 237**

OR EMAIL COMMERCIAL.SERVICES@IDEALBOILERS.COM

