

When will I need the product label?

- a)
- Contractor fits boiler only
 - Product label supplied by manufacturer is sufficient to be left with homeowner
 - No further action required by contractor or specifier



When will I need to create a system label?

- b)
- Contractor fits product with controller/ solar/makes modification to system
 - New system label is required
 - Visit vaillant.co.uk or vaillant-solutions.co.uk to generate the new label
 - This must be printed and left with the homeowner or tenant

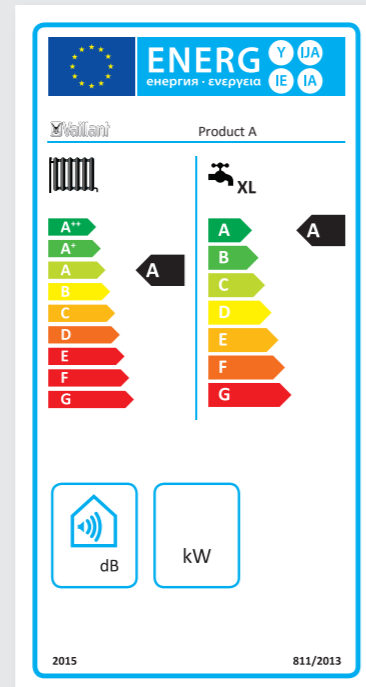


How do I create a label?

Many specifiers may choose to entrust the responsibility of creating a system efficiency label to their chosen contractors to complete as part of the installation sign off process. To make this process as straightforward as possible, Vaillant have created a simple calculation system which enables either back office staff or contract teams to create a professional label in minutes.

- A 'system efficiency label' can be simply calculated either by visiting vaillant.co.uk or by logging onto your specific project on vaillant-solutions.co.uk and clicking the ErP calculator link.
- Click 'create a system label' and input the details of each of the energy using products that have been installed in a specific property.
- For the Vaillant products installed, calculating the label couldn't be easier - just select the right boiler/control/cylinder etc from the dropdown box. If a boiler and third party control have been installed, then the relevant efficiency data for the 3rd party items will need to be entered, from the 'product fiche' information sheet included with the product.
- The system will automatically calculate an efficiency rating and generate a PDF label at the touch of a button. This can either be printed or emailed directly to the homeowner/tenant.

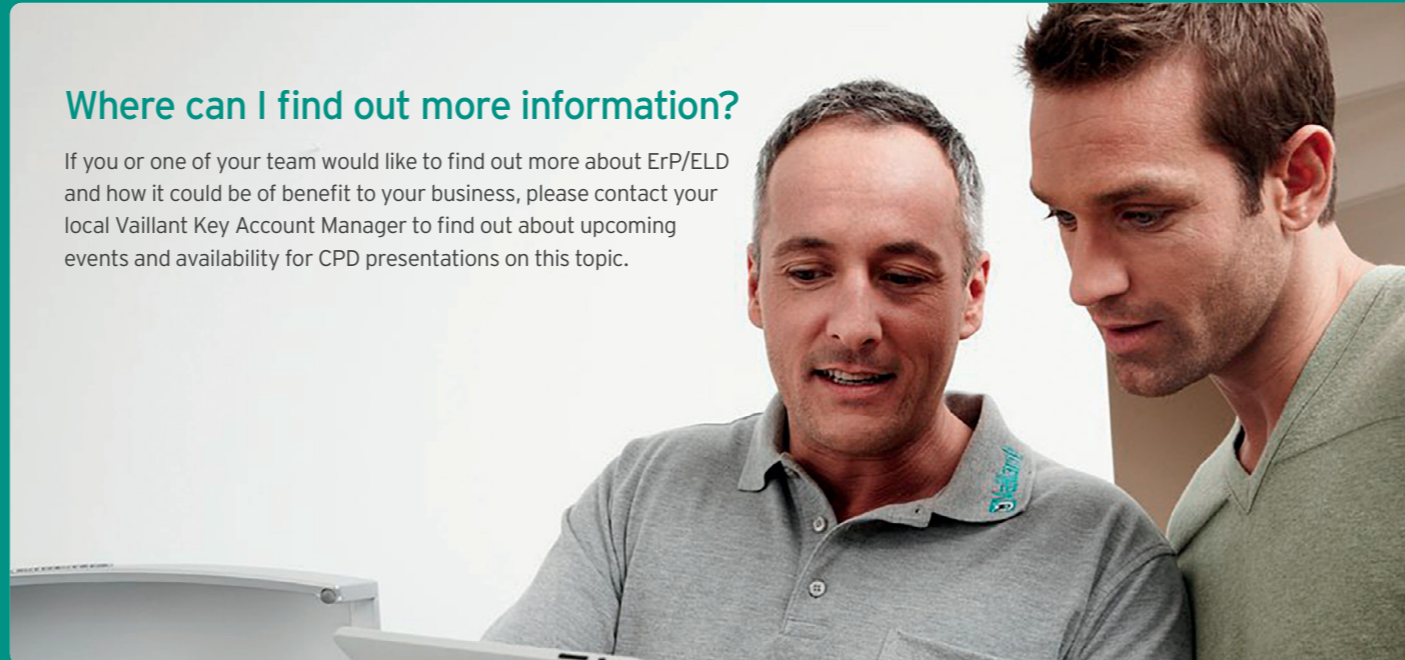
System efficiency labels can be created either before an installation, or printed afterwards to send to the homeowner/tenant or landlord with handover information.



The good feeling of doing the right thing.

Where can I find out more information?

If you or one of your team would like to find out more about ErP/ELD and how it could be of benefit to your business, please contact your local Vaillant Key Account Manager to find out about upcoming events and availability for CPD presentations on this topic.



www.vaillant-solutions.co.uk



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Guide for specifiers





Guide for specifiers

What it means for you

What is ErP?

2015 marks the introduction of a new European Union Directive which will see some changes for the heating industry.

The new ErP (Energy related Products) and ELD (Energy Labelling Directive) regulations mean:

- Since August 1st 2015, all heating and hot water products must meet certain levels of efficiency specified by the EU, in line with the European emission and carbon reduction targets we have pledged to meet by 2020.
- Since September 26th 2015, it has been mandatory to display the efficiency of heating products and systems when installed.

Like other white goods today (fridges, washing machines, dishwashers etc) ErP efficiency is graded using a letter system, with products and systems being rated from G to A+++ efficiency, for a label which is kept by the homeowner or tenant with their records.



Model shown ecoTEC plus 838

What do I need to know?

How will the Vaillant products I'm considering specifying or I've already specified change?

Since July 1st 2015, Vaillant have only been manufacturing products which meet the expected levels of energy efficiency under the new guidelines. The main technical difference is that the ecoTEC range of boilers now feature an upgraded high efficiency pump, and some of the outputs of the range have increased.

The new products look almost identical to the current range, and can be installed in exactly the same way.

Every boiler manufactured by Vaillant now includes a product efficiency label, which specifies the level of efficiency the product can offer when installed in isolation.

What impact will the new directive have?

The ErP and ELD initiatives create a number of mandatory measures which all housing providers will need to adhere to in order to achieve compliance and sign off.

In addition to the product label provided at manufacture, since September 26th housing providers must now also display an efficiency label for any space or water heater installation (under 70kW), which combines multiple 'energy using products' e.g. a boiler and heating control etc - known as a 'system label'.

For example, if a specification includes a boiler alongside a control, cylinder, renewable technology or accessory which uses energy, a system efficiency label will need to be calculated upon installation to leave with the homeowner/tenant or landlord.

The new ErP and ELD initiatives may be subject to policing and inspection either before properties are occupied or with the homeowner's/tenant's permission.

What are the benefits for me?

Compliance with ErP and ELD is mandatory for housing providers across the UK, however, the introduction of ErP will provide Social Landlords with the opportunity to demonstrate the performance and efficiency of heating appliances to their tenants.

In addition to traditional products, ErP will help to highlight the additional benefits and efficiencies which can be made by adding

intelligent controls to a heating system, through a control class and efficiency bonus system. Vaillant's range of intelligent controls, including the new vSMART™ can be used to clearly demonstrate additional efficiency benefits as per the following table:

Intelligent controls

Control Type	Vaillant control in this category	Temperature control class	Contribution to the seasonal room heating energy efficiency η _s
On/off room thermostat	VRT 15	I	1%
Weather compensator control for use with modulating heaters		II	2%
Weather compensator control for use with on/off output heaters		II	1.5%
TPI room thermostat for use with on/off output heaters		IV	2%
Modulating room thermostat for use with modulating heaters	VRT 350, VRT 350F, VRT 50	V	3%
Weather compensator and room sensor for use with modulating heaters	vSMART™, VRC 470, VRC 470F	VI	4%
Weather compensator and room sensor, for use with on/off output heaters		VII	3.5%
Multi-sensor room temperature control for use with modulating heaters		VIII	5%

Vaillant high efficiency domestic boilers

Product name	Article number	Key changes	ErP rating
ecoTEC plus combination boilers			
ecoTEC plus 825	0010018353	New output Increased DHW flow rates High efficiency pump	A
ecoTEC plus 832	0010018354	New output Increased DHW flow rates High efficiency pump	A
ecoTEC plus 832 LPG	0010018355	New output Increased DHW flow rates High efficiency pump	A
ecoTEC plus 835 *NEW	0010016540	New product High efficiency pump	A
ecoTEC plus 838	0010018356	New output Increased DHW flow rates High efficiency pump	A
ecoTEC plus 938	0010018357	New output Increased DHW flow rates High efficiency pump	A

Product name	Article number	Key changes	ErP rating
ecoTEC plus system boilers			
ecoTEC plus 612	0010018531	High efficiency pump	A
ecoTEC plus 615	0010018532	High efficiency pump	A
ecoTEC plus 618	0010018533	High efficiency pump	A
ecoTEC plus 618 LPG	0010018534	High efficiency pump	A
ecoTEC plus 624	0010018535	High efficiency pump	A
ecoTEC plus 630	0010018536	High efficiency pump	A
ecoTEC plus 630 LPG	0010018537	High efficiency pump	A
ecoTEC plus 637	0010018538	High efficiency pump	A
ecoTEC plus open vent boilers			
ecoTEC plus 412 *NEW	0010015669	New aluminium heat exchanger New product	A
ecoTEC plus 415	0010015670	New aluminium heat exchanger New product	A
ecoTEC plus 418	0010015671	New aluminium heat exchanger New product	A
ecoTEC plus 424 *NEW	0010015672	New aluminium heat exchanger New product	A
ecoTEC plus 430	0010015673	New aluminium heat exchanger New product	A
ecoTEC plus 438	0010002725	Existing product until further notice	A
ecoTEC pro combination boilers			
ecoTEC pro 24	0010018494	High efficiency pump	A
ecoTEC pro 28	0010018495	High efficiency pump	A
ecoTEC pro 28 LPG	0010018496	High efficiency pump	A
ecoTEC pro 30 *NEW	0010016538	New product High efficiency pump	A
ecoTEC exclusive combination boilers			
ecoTEC exclusive 832	0010002668	No changes	A
ecoTEC exclusive 838	0010002669	No changes	A