ECO SOLUTIONS

De Dietrich

Ecodesign and Energy labelling

Everything you need
to know and more...

SOLAR
SOLID FUEL
HEAT PUMPS
CONDENSING OIL/GAS

De Dietrich
Sustainable Comfort®

ECODESIGN, ENERGY LABELLING

What's that?

As for home appliance products, the European Commission has put Ecodesign and Energy Labelling Directives in place, which will be applied to domestic hot water and heating equipment in 2015.

- The Ecodesign Directive imposes a minimum level of energy efficiency and **a maximum level of pollutant and noise emissions**. It affects **generators with an output of less than 400 kW and water heaters and storage tanks with a capacity of less than 2,000 litres. Boilers with seasonal efficiency of less than 86% will be progressively withdrawn from the market.** For example, gas standard efficiency boilers will be banned, except chimney boilers for collective flue systems so called B11.

- **Energy Labelling is applicable to products, the output of which is less than 70 kW and for tanks under 500 litres.** Its aim is to provide consumers with accurate, identifiable and comparable information on the performance and energy consumption of the product that they choose.

The energy label, affixed to each appliance, incorporates numerous items of information: **energy efficiency (A+++ for the most efficient), annual energy consumption, name of the manufacturer, noise level, etc.**

Who is it for?

Private individual and professionals are both affected by Ecodesign and Energy Labelling.

- Professionals will be able to advise their customers on a specific category of heating appliances or mixed heating appliances: **heat pumps, water heaters (electric storage, electric instantaneous, thermodynamic or solar), storage tanks, micro-cogeneration boilers, boilers, solar systems, control systems.**

- The energy label must be shown on all products on display with a view to being sold to the end customer. Installers or distributors: it will be obligatory to issue this information to end-users

When will this happen?

The Ecodesign and Energy Labelling Standards are obligatory as of 26 September 2015
But as of 1st August 2015, the Energy Efficiency Rating of products heating pumps is amended to **0.23 as opposed to 0.27 before to offer even better performance and savings.**

Created by De Dietrich,
the ECO-SOLUTIONS label
guarantees you a range of products in line with European Directives on Ecodesign and Energy Labelling.

END USER GUIDE

Beyond, De Dietrich has created the Eco-solutions to help you to make the difference with your clients.

Comfort, Performances, Savings, Environment protection but also Services are strong assets to adress your clients needs and sell more.

WEBSITE

ecoconception.dedietrich-heating.com

It informs on the new directives which will apply to hot water and heating appliances. It enhances Eco-solutions made of products and services which go beyond the directives.

MAIN SERVICES:

- Measure of the savings done with an Eco-solution
- Choice of the product range dedicated to the needs
- Edit energy labels for products and systems

Training on Ecodesign and Energy labelling

APPLICATION

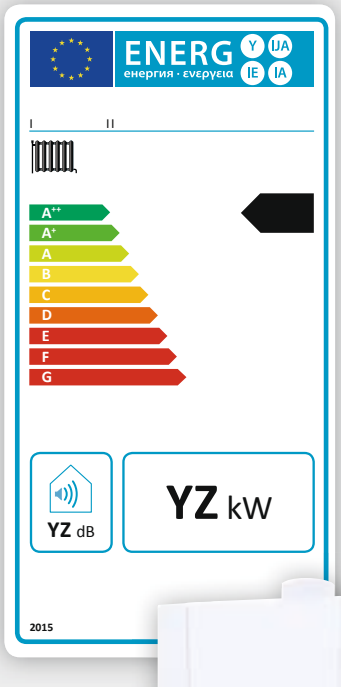
Coming soon

A mobile app to edit all the energy labels of the entire De Dietrich offer and a lot more...

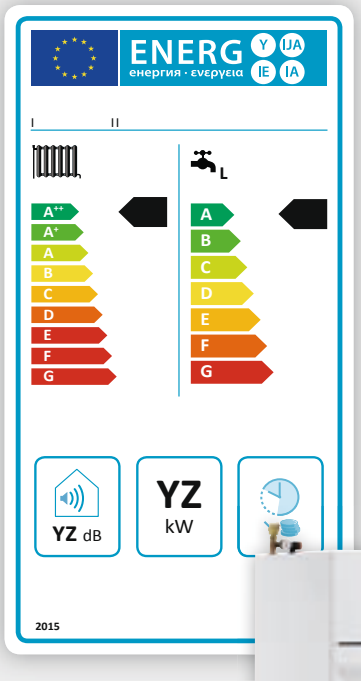
Examples of energy labels

Condensing gas and oil boiler with or without DHW production

HEATING ONLY BOILER	COMBI BOILER (HEATING + DHW PRODUCTION)



Naneo



NeOvo

PICTOGRAM KEY

I Brand II Generator model

Concerns heating

Acoustic power LWA indoors

Optional pictogram added only if the device enables power cut-off for running in peak hours/off-peak hours mode

Seasonal energy efficiency class

XL — Volume of hot water used per day, generally M or L or XL

Output expressed in kW according to the 3 climate zones in Europe

YZ kW — Nominal output in kW

Electricity production

Thermal solar panels

Domestic hot water buffer tank or storage tank

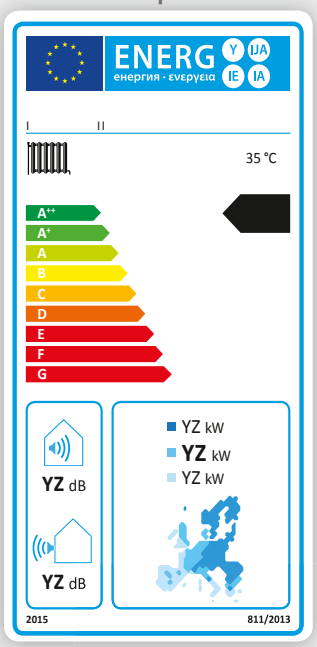
Acoustic power LWA outdoors

Examples of energy labels

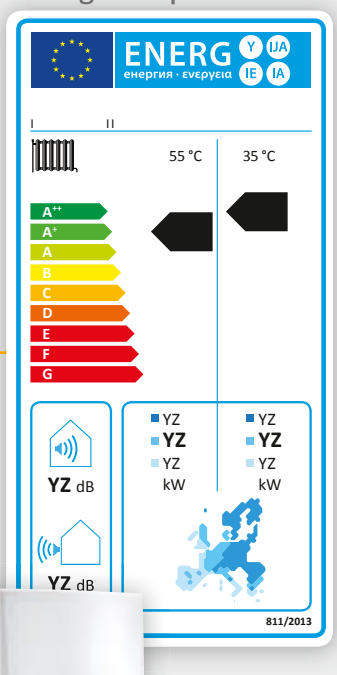
Heat pumps with or without DHW production

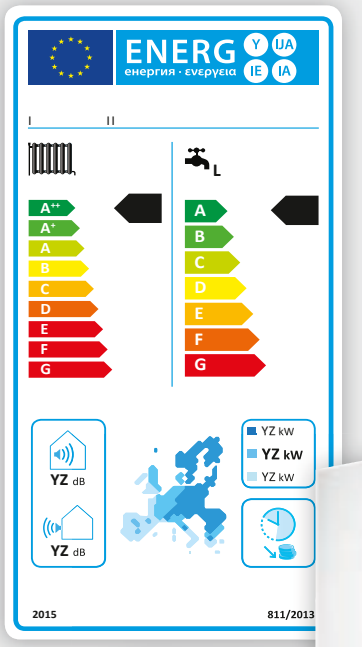
HEATING ONLY HP | **HP (HEATING + DHW PRODUCTION)**

Low temperature



High temperature





Alezio Evolution

HP Inverter Evolution

PICTOGRAM KEY SHOWN ON THE LABELS

Annual electricity consumption expressed in kWh final energy or fuel consumption expressed in GJ (HHV)

Annual electricity consumption, expressed in kWh final energy or annual fuel consumption expressed in GJ (HHV) under average sunlight conditions in the 3 climate zones in Europe

Optional additional generator (e.g. heat pump)

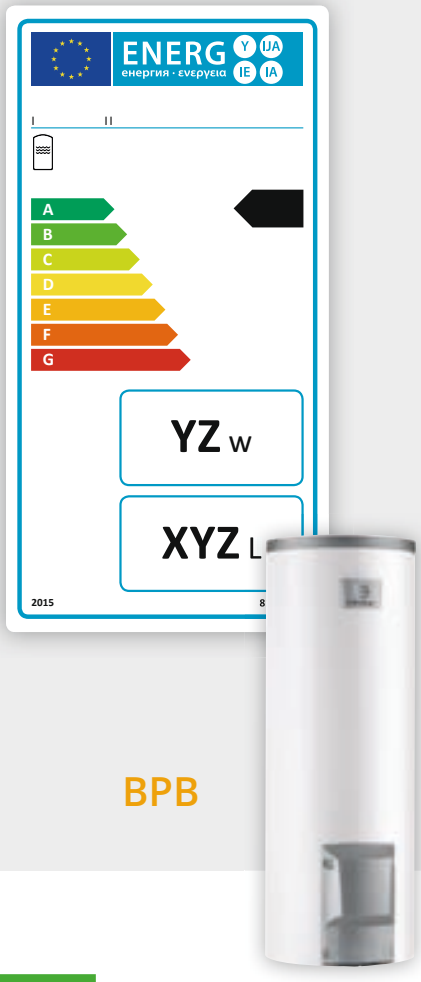
Volume of hot water used per day, generally M or L or XL

Presence of a control device that operates according to the outside or inside temperature

Examples of energy labels

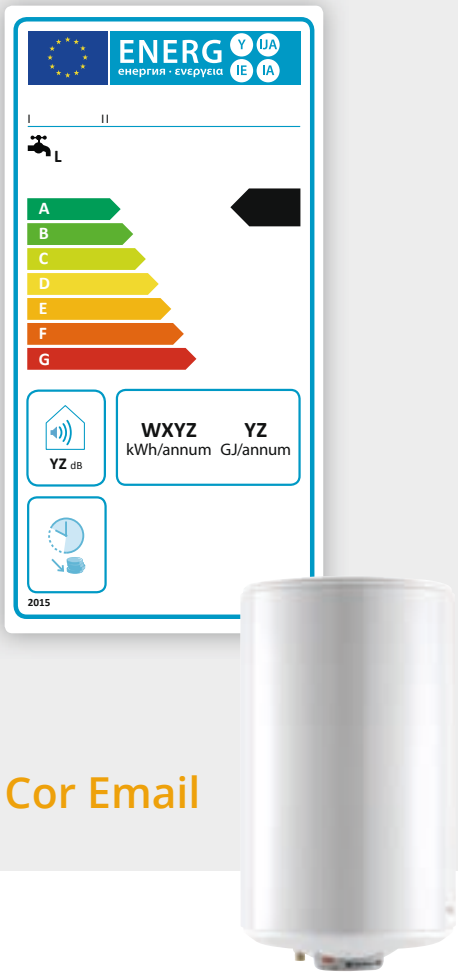
Domestic hot water production

DHW TANK OR STORAGE TANK (WITHOUT INTEGRATED GENERATOR)



BPB

ELECTRIC, GAS OR GAS STORAGE WATER HEATER



Cor Email

PICTOGRAM KEY

I Brand II Generator model

Concerns heating

Acoustic power LWA indoors

Optional pictogram added only if the device enables power cut-off for running in peak hours/off-peak hours mode

Seasonal energy efficiency class

XL — Volume of hot water used per day, generally M or L or XL

Output expressed in kW according to the 3 climate zones in Europe

YZ kW — Nominal output in kW

Electricity production

Thermal solar panels

Domestic hot water buffer tank or storage tank

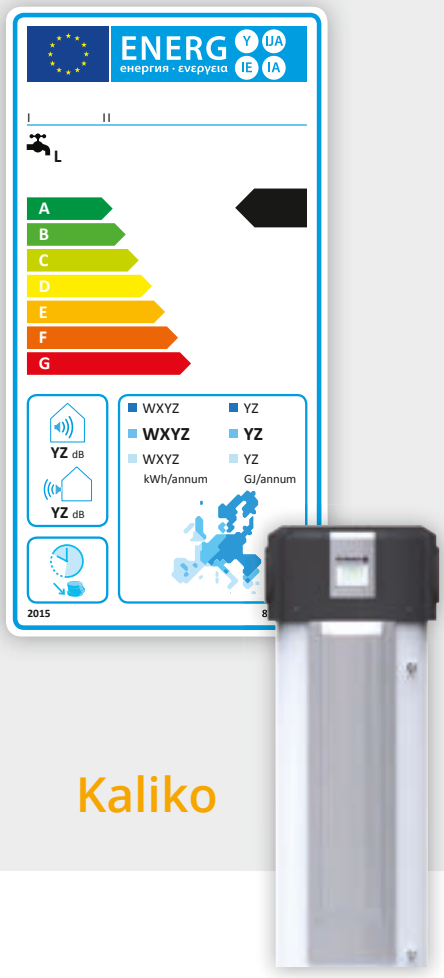
YZ dB — Acoustic power LWA outdoors

Examples of energy labels

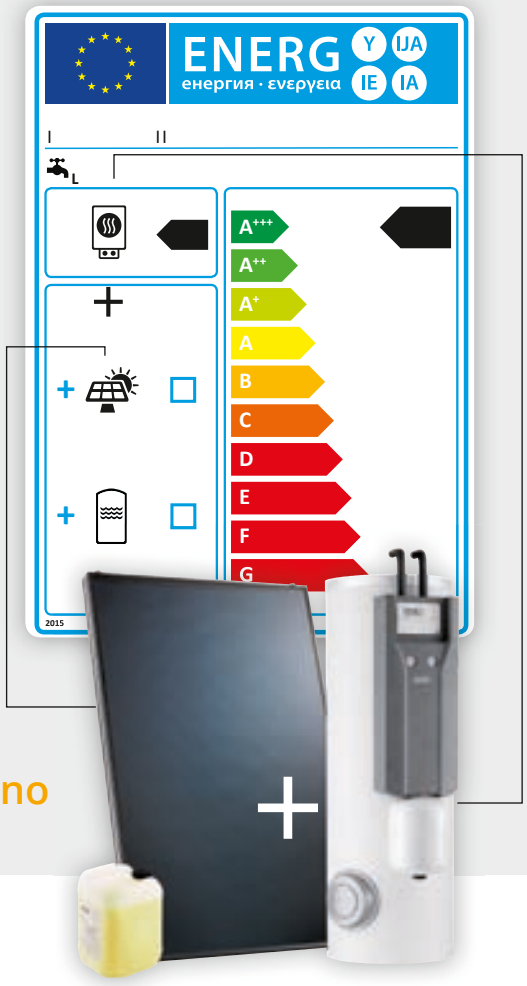
Domestic hot water expansion or storage tank

THERMODYNAMIC WATER HEATER

SOLAR SYSTEM ONLY WATER HEATER



Kaliko



Inisol Uno

PICTOGRAM KEY SHOWN ON THE LABELS

Annual electricity consumption expressed in kWh final energy or fuel consumption expressed in GJ (HHV)

Annual electricity consumption, expressed in kWh final energy or annual fuel consumption expressed in GJ (HHV) under average sunlight conditions in the 3 climate zones in Europe

Optional additional generator (e.g. heat pump)

Volume of hot water used per day, generally M or L or XL

Presence of a control device that operates according to the outside or inside temperature

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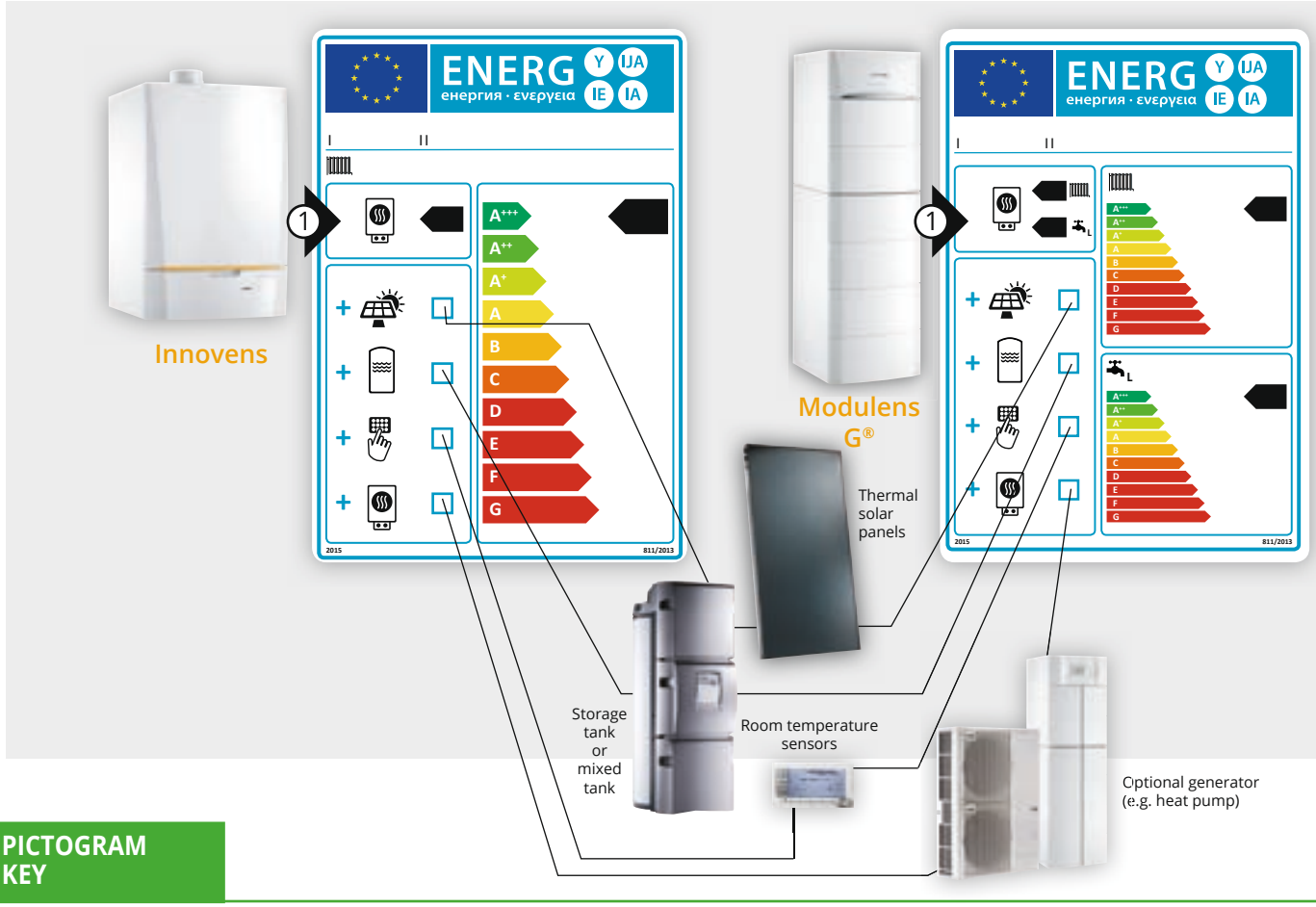
Examples of energy labels

The system label

COMBINATION OF HEATING ONLY SYSTEM PRODUCTS

COMBINATION OF HEATING + DHW PRODUCTION PRODUCTS



PICTOGRAM KEY

I Brand II Generator model

Concerns heating

YZ dB — Acoustic power LWA indoors

Optional pictogram added only if the device enables power cut-off for running in peak hours/off-peak hours mode

WXYZ kWh/annum YZ GJ/annum — Annual electricity consumption expressed in kWh final energy or fuel consumption expressed in GJ (HHV)

Annual electricity consumption, expressed in kWh final energy or annual fuel consumption expressed in GJ (HHV) under average sunlight conditions in the 3 climate zones in Europe

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Domestic hot water buffer tank or storage tank

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