ECO SOLUTIONS
De Dietrich

A++

A+++

ENERGY LABEL USER MANUAL

SOLAR
SOLID FUEL
HEAT PUMPS
CONDENSING OIL/GAS

De Dietrich
Sustainable Comfort®

GET ALL THE INFO ON
ECO-DESIGN AND ENERGY LABELING

WHAT IS IT?

Just like for household products, the European Commission has set up Eco-design guidelines and Energy labelling that will apply to hot water and heating appliances in 2015.

- **The Eco-design directive imposes a minimum energy efficiency, a maximum rate of emissions for pollutants and noise. It applies to generators with a capacity of less than 400 kW and heaters and storage tanks with a capacity of less than 2000 litres. Products with a seasonal efficiency of less than 86% will be phased out of the market.**

- **Energy Labelling is applicable on products powered lower than 70kW. It aims to provide consumers with accurate, identifiable and comparable information regarding the performance and energy consumption of the product they have chosen.**

The energy label affixed to each device contains various information: energy efficiency (A +++ for the most efficient), annual energy consumption, name of manufacturer, sound level ...

WHO IS IT FOR?

Individuals as well as professionals are affected by Eco-design and Energy labelling.

- **Professionals can recommend to their customers a defined category of heaters or mixed heaters: heat pumps, water heaters (electric storage, electric instant, thermodynamic or solar), storage tanks, micro-CHP boilers, boilers, solar systems, regulations.**

WHEN IS IT FOR?

Eco-design and energy labelling standards are mandatory since September 26, 2015.

Both directives will be followed up. They may also be amended to improve their effectiveness.

However, starting 1st August 2015, the Energy Efficiency Index for circulation pumps is reduced to 0.23 down from 0.27 previously for even more performance and savings.

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Eco-Solutions to keep you in the loop.

De Dietrich's Eco-Solutions offer heating and domestic hot water solutions to customers that guarantee comfort and performance. Eco-Solutions meet the new EU directives Eco-design and energy labelling.

To get all the best information about innovations to enhance your expertise, go to **ecosolutions.dedietrich-heating.com**

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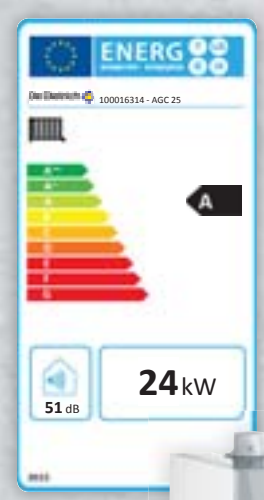
EXAMPLES OF ENERGY LABELS

Gas and oil condensing boiler with or without domestic hot water production

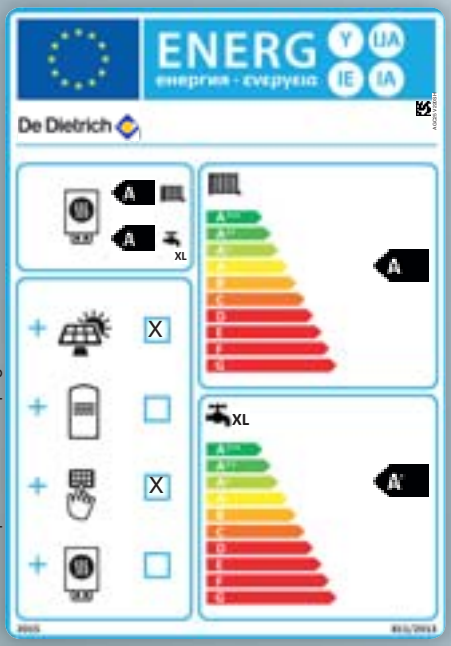
BOILER LABEL HEATING ONLY



Modulens G

Floor standing condensing gas boiler for heating only and/or domestic hot water.

FOR MORE ENERGY EFFICIENCY



Detailed explanations on page 10

Modulens G solar

Floor standing condensing gas boiler for heating only and/or solar domestic hot water.

KEY TO THE LABEL SYMBOLS ON PAGE 11

EXAMPLES OF ENERGY LABELS

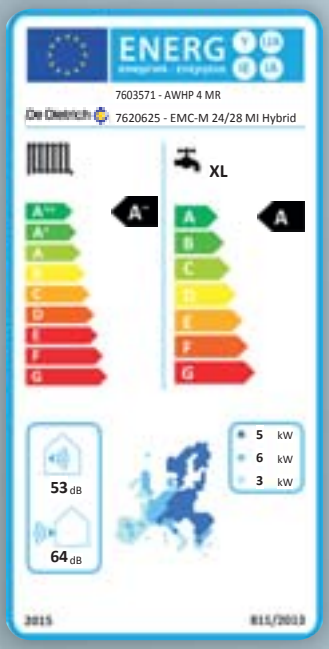
Gas and oil condensing boiler with or without domestic hot water production

COMBI BOILER LABEL (HEATING + DHW PRODUCTION)

Naneo MI

Wall hung condensing gas boiler for heating and/or domestic hot water.

FOR MORE ENERGY EFFICIENCY



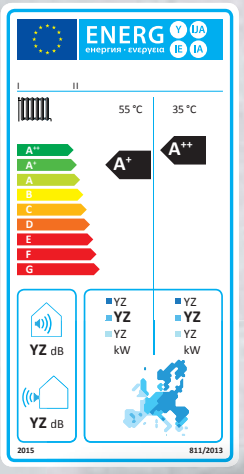
Alezio G hybrid

Hybrid air/water heat pump with a wall mounted gas condensing boiler for heating and domestic hot water.

KEY TO THE LABEL SYMBOLS ON PAGE 11

Heat pump heating only

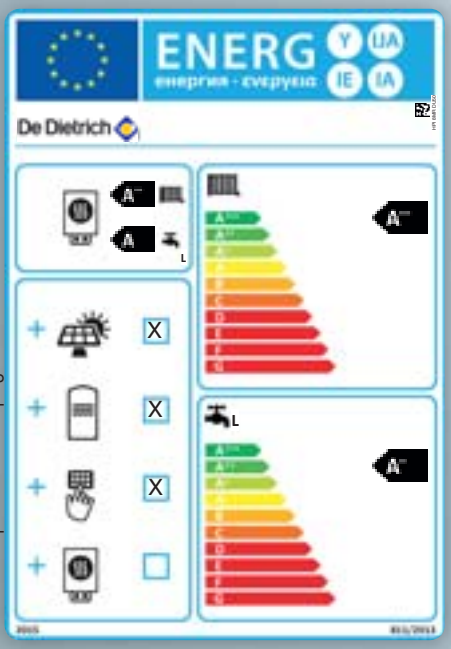
ONLY HEATING HEAT PUMP LABEL



Alezio Evolution

Split Inverter air/water heat pump

FOR MORE ENERGY EFFICIENCY



Detailed explanations on page 10

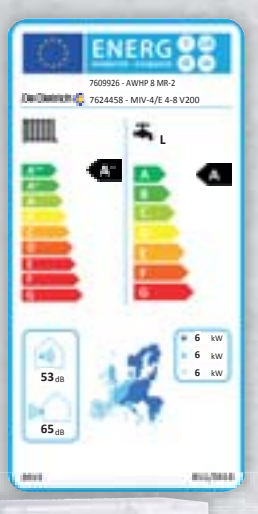
HP Inverter Evolution + Quadro DU

Split Inverter air/water heat pump + mixed solar domestic hot water tank

KEY TO THE LABEL SYMBOLS ON PAGE 11

Heat pump heating with or without domestic hot water

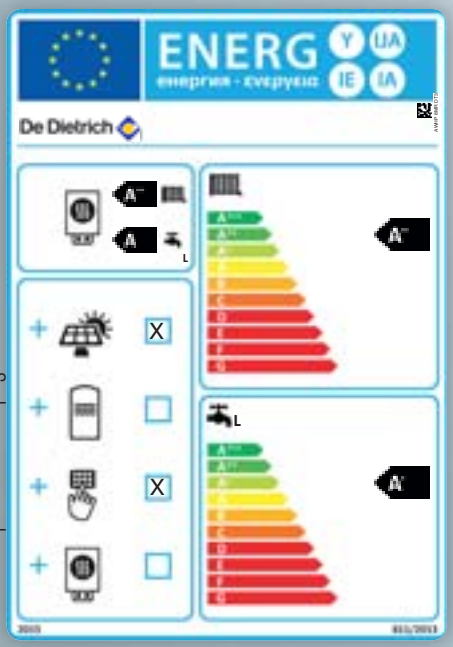
LABEL HEAT PUMP + DHW PRODUCTION



Alezio Evolution V200

Split Inverter air/water heat pump with integrated domestic hot water tank

FOR MORE ENERGY EFFICIENCY



Detailed explanations on page 10

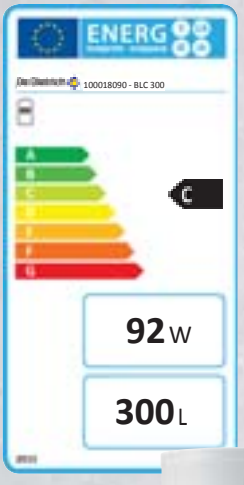
HP Inverter Evolution + Dietrisol Trio

Split Inverter air/water heat pump with solar domestic hot water tank

KEY TO THE LABEL SYMBOLS ON PAGE 11

Domestic hot water production

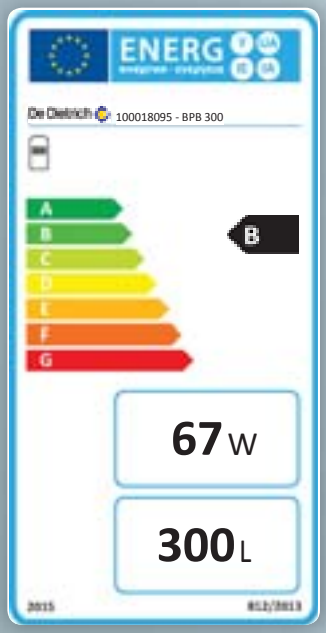
STORAGE TANK (WITHOUT INTEGRATED GENERATOR)



BLC

Independent domestic hot water tank

FOR MORE ENERGY EFFICIENCY



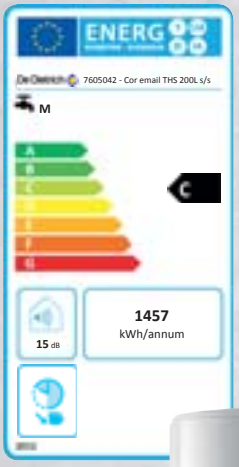
BPB

Independent domestic hot water tank

KEY TO THE LABEL SYMBOLS ON PAGE 11

Domestic hot water production

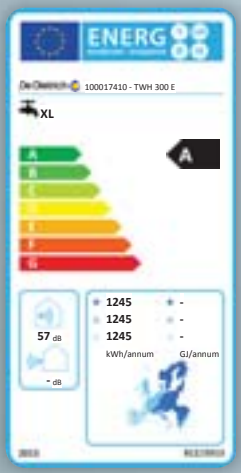
ELECTRIC, GAS OR GAS ACCUMULATOR WATER HEATER



Cor-Email

Electric water heater

FOR MORE ENERGY EFFICIENCY

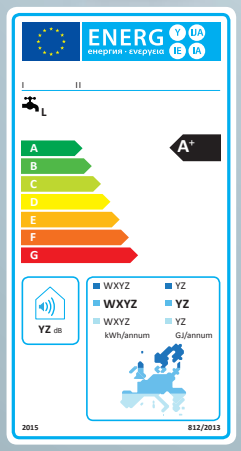


Kaliko

Thermodynamic water heater

Inisol Uno

Electro-solar domestic hot water tank



KEY TO THE LABEL SYMBOLS ON PAGE 11

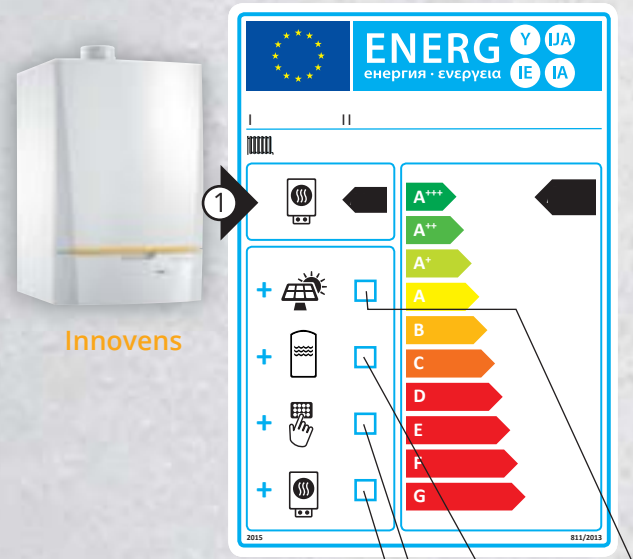
The system label in detail

The De Dietrich heating experts use software that incorporates the features of all the devices that meet the Eco-Solution thanks to this tool they are able to caculate the global performance of the heating system recommanded to the customer.

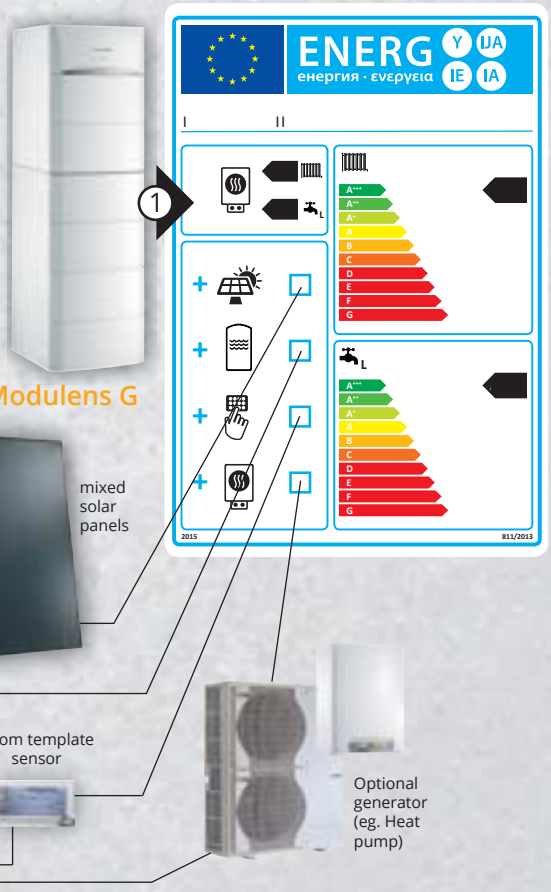
- PRODUCT DATA SHEET 1
- PRODUCT DATA SHEET +
- PRODUCT DATA SHEET +
- PRODUCT DATA SHEET +

Calculat ion tool → Performance level of the combination → System Label

LABEL FOR COMBINED PRODUCTS
HEATING ONLY



LABEL FOR COMBINED PRODUCTS
HEATING + DHW PRODUCTION



KEY TO THE LABEL SYMBOLS ON PAGE 11

SYMBOL KEY

SEEN ON THE LABELS

I Brand	II Generator model
	Seasonal energy efficiency class
	Concerns heating
	Volume of domestic hot water used per day, generally M or L or XL
	Thermal solar panels
	Presence of a control device that operates according to the outside or inside temperature
	Optional additional generator (e.g. heat pump)
	Nominal output in kW
	Static losses in Watt
	Storage tank capacity in litres
	Sound power level (LWA) indoors
	Optional pictogram added only if the device enables power out-off for running in peak hours / off-peale hours made
	Annual electricity consumption expressed in kWh final energy or fuel consumption expressed in GJ (PCS)
	Electricity production
	Domestic hot water storage tank or buffer tank
	Sound power level (LWA) outdoors
	Output expressed in kW according to the 3 climate zones in Europe
	Annual electricity consumption expressed in kWh final energy or annual fuel consumption expressed in GJ (PCS) under average sunlight conditions in the 3 climate zones in Europe

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