

# ECODESIGN & ENERGY LABELLING

ACV GUIDE



EXCELLENCE  
IN HOT WATER



# ECODESIGN

## TOWARDS A GREENER TYPE OF ENERGY!

September 2015 saw the implementation of the **European Ecodesign Directive**. Aim of the directive: **reducing negative environmental impacts** of products by changing the behaviour of energy consumers.

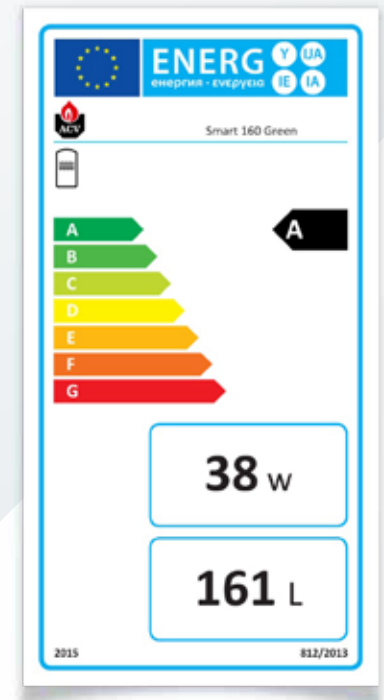
As a result **only the sale of condensing boilers is allowed** from now on. These appliances (and **installations of which they are part of**) require an **energy label**.



# EVERYTHING BECOMES EASIER WITH THIS LABEL

All applicable products being sold from now on need to have an energy label. Most household appliances already carry such a label. These labels make it easier for the consumer to compare energy performance of different products.

From now on, all our products will thus be delivered with these labels.



PRODUCT LABEL



## THE SMART GREEN RANGE: EXCELLENCE WITH A BIG A

The range of Smart Green tanks is equipped with the latest ACV innovations for maximum efficiency. You can now offer your clients a system far ahead of its time.

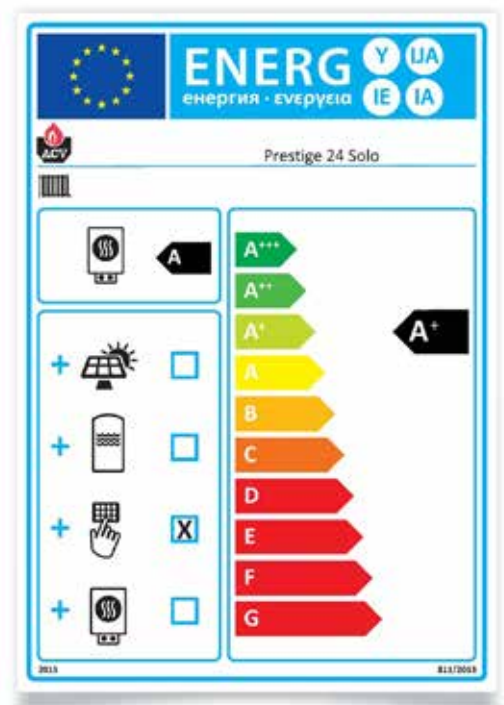
- > Class "A" tank, according to EU 812/2013.
- > Practically no loss of heat thanks to innovative insulation. The combination of a vacuum insulated panel (VIP) and polyurethane guarantees excellent energy performances.

# A

# A SYSTEM THAT MEETS ALL THE STANDARDS

As an installer you're responsible for the labels of the systems you install. To help you better with this, we offer you an online tool. It enables you to quickly and efficiently calculate the energy performance of the complete installation. In addition you can download the right labels with the tool. After all the energy performances vary according to the specific combination of all elements you have chosen for your installation.

Make it easy for yourself by ordering all components of a package from ACV and generate the label online. We offer a complete range, from heating to solar devices and thermostat. Completely in line with what your customers want and guaranteeing excellent energy performance.



SYSTEM LABEL

## EXAMPLES



CREATE YOUR OWN LABELS THROUGH:  
[ecodesign.acv.com](http://ecodesign.acv.com)



# FAQ

## What's the difference/link between Ecodesign and energy labelling?

The Ecodesign directive defines the criteria in the field of energy all products have to comply with when they enter the market in all 28 member states of the European Union. The products of ACV have to comply with two directives:

813/2013 for heating appliances used for the heating of rooms, with or without integrated water heater for sanitary purposes.

814/2013 for heating tanks and water heaters, used for sanitary (DHW), and no central heating function.

Energy labelling directives define the way products should be marked, in order to inform the public about their respective energy performance. ACV products have to comply with these two directives:

811/2013 for heating appliances used for the heating of rooms, with or without integrated production of warm water for sanitary purposes. And for packages consisting of these products, together with a thermostat and/or solar device.

812/2013 for heating tanks and water heaters. And for packages of these products together with a heating appliance and solar device.

## Do existing installations have to comply with this legislation?

No. The directive does not apply to products that were put on the market before September 26, 2015.

## What about "high performance heaters" (without condensation)?

These heating appliances do not comply with the minimal standards of the directive and cannot be sold anymore.

## Which information should be given?

All appliances put on the market since 26 September 2015 on must carry a standardized energy label, and other information depending on the specific appliance. They should also come with a "product fiche" communicating certain energy values.

## What is a "package" label?

Boilers up to 70 kW and tanks up to 500 liters have to carry a product label. When a heating appliance is combined with a thermostat and/or solar device to improve the performance of a heating device, it's considered a 'mixed product' requiring a 'package' label. The same goes for water heaters that are combined with a solar device. This is considered a 'mixed product' requiring a 'package' label. It can also be a package with a boiler and/or additional heating.

## What's the purpose of "package" labels?

We illustrate this question with an example. Take an ACV Prestige 24 Solo heating carrying an A energy label. Because an RC300 thermostat with three external sensors (Class VIII) is added, the installation as one performs better and reaches level A+.

## Which energy labels do I need for a "classic" installation, for example a Prestige gas condensing boiler with RC300 thermostat and Smart water heating tank for sanitary purposes?

The Prestige boiler and Smart tank carry their own product label. The boiler and thermostat together are considered one package, which also comes with a label. The Smart tank does not alter the classification of the package because it is used for sanitary purposes (DHW) and not for water destined for the heating installation. An appliance for heating and a DHW tank can not form a package.

## Any questions?

Visit [ecodesign.acv.com](https://ecodesign.acv.com)

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