



The EU Ecolabel for Water-Based Heaters "The official European label for Greener Products"

Choose the EU Ecolabel for your Water-Based Heaters to show your commitment to a better environment.

Once it's on your products, the EU Ecolabel guarantees

- Efficient energy use
- Reduced greenhouse gas emissions
- Reduced air emissions

The EU Ecolabel can be awarded to products that are used to generate heat as part of a water-based central heating system, in which the heated water is distributed by means of circulators and heat emitters in order to reach and maintain the indoor temperature of an enclosed space.

Meet your customers' demand

Today, consumers are more aware that protecting the environment is fundamental. Four out of five European consumers would like to buy more environmentally friendly products, provided that they are properly certified by an independent organisation.

With your products bearing the EU Ecolabel, you offer consumers a reliable logo to easily identify high performing environmentally friendly products that are available on the European market.

Give your Water-Based Heaters a credible sign of environmental excellence... apply for the EU Ecolabel!

◆ For a quick test, use the check list on the back!

For more information...

... on the scheme, its feature, the actors involved, the application process:
<http://ec.europa.eu/environment/ecolabel>

... on the detailed criteria for "Water-based heaters" product group:
<http://ec.europa.eu/environment/ecolabel/products-groups-and-criteria.html>



They said it!

EPEE is proud to have supported the development of the EU Ecolabel for water based heaters, which identifies the most energy efficient technologies. The EU Ecolabel will contribute driving the heating market towards more renewable technologies, such as heat pumps, thereby contributing to achieving the EU energy and climate targets. It will enable consumers to make informed decisions and choose the most environmentally friendly heating technology".

Andrea Voigt, AP EuroConsult sprl, Director General, EPEE

...to market your EU Ecolabel products use our free E-catalogue: <http://ec.europa.eu/ecat>

Checklist (for a first assessment only)

This is a non-exhaustive list of EU Ecolabel criteria for water-based heaters. Please see the [Commission Decision \(2014/314/EU\)](#) for full details.

Life cycle step	Criterion	Expectations
Manufacturing	Refrigerant and secondary refrigerant	<ul style="list-style-type: none"> The global warming potential over a 100 year period (GWP₁₀₀) of the refrigerant calculated as specified in Annex I to Regulation (EC) No 842/2006 shall not exceed a value of 2000. For space heaters using a secondary refrigerant, the design shall not be based on a secondary refrigerant, brine or additives classified as constituting an environmental or health hazard, according to Regulation (EC) No 1272/2008 of the European Parliament and of the Council and Council Directive 67/548/EEC. Installation instruction shall clearly indicate that these substances shall not be used as secondary refrigerant
Manufacturing	Hazardous substances and mixtures	<ul style="list-style-type: none"> The product shall exclude substances referred to in Article 57 of Regulation (EC) No 1907/2006 nor substances or mixtures meeting the criteria for classification in the hazard classes or categories listed in Table 16 of the full criteria document. Exempted from these requirements are substances or mixtures which change their properties upon processing, so that the identified hazard no longer applies. No derogation from the prohibition may be granted concerning substances identified as substances of very high concern and included in the list referred to in Article 59 of Regulation (EC) No 1907/2006, present in mixtures, in an article or in any homogenous part of a complex article in concentrations higher than 0,1 % w/w.
Manufacturing	Plastic parts	<ul style="list-style-type: none"> Plasticiser substances shall comply with the requirements on hazardous substances. For plastic parts of articles or homogeneous parts of complex articles with weight 25 g, the chlorine content shall not exceed 50% by weight. Plastic parts with weight 50 g or more shall be marked according to the requirements of European Standard EN ISO 11469.
Manufacturing	Product design	<ul style="list-style-type: none"> Exchangeable components shall be replaceable by service personnel. The exchangeable components shall be listed in the information sheet of the product.
Use	Energy efficiency	<ul style="list-style-type: none"> The 'seasonal space heating energy efficiency' of the water-based heater shall not fall below the limit values specified in table 5 of the full criteria document. For combination heaters, the water heating energy efficiency shall fall not below 65%.
Use	Air emissions	<ul style="list-style-type: none"> The greenhouse gas emissions calculated using the total equivalent warming impact (TEWI) formulas in table 7 shall not exceed the values set out in table 6 of the full criteria document. Restrictions on the nitrogen oxide (NOx) content of the exhaust gas are listed in table 11 of the full criteria document (not applicable to electrical heaters). The carbon monoxide (CO) content of the exhaust gas shall not exceed the limit values specified in table 12 of the full criteria document (not applicable to electrical heaters). Limit values for the organic gaseous carbon (OGC) of the exhaust gas also understood as organically bound carbon content shall can be found in table 13 of the full criteria document.(only applicable to solid fuel boiler heaters). Table 14 of the full criteria document indicates limit values for the particle matter (PM) content of the exhaust gas.
Use	Noise emissions	<ul style="list-style-type: none"> The noise emissions shall not exceed the limit values indicated in table 15 of the full criteria document.
Use	Installation instruction and user information	<ul style="list-style-type: none"> Relevant instructions and information on the product's proper and environmental friendly installation and use shall accompany the product in print or electronic format.
Use	Information appearing on the EU Ecolabel	<ul style="list-style-type: none"> The optional label with text box shall contain the following text: <ul style="list-style-type: none"> - Increased energy efficiency - Reduced greenhouse gas emissions - Reduced air emissions The use of the optional label with the text box is explained in the "Guidelines for the use of the EU Ecolabel logo".
Use/End-of-life	Warranty, guarantee of repairs and supply of spare parts	<ul style="list-style-type: none"> The applicant shall provide a warranty for covering repairs or replacement for a minimum of 5 years. The availability of genuine or equivalent spare parts shall be guaranteed by the applicant for at least 10 years from the date of purchase.

