

## Necessary content of Technical Documentation

# Packages of products for space heating

Packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device are covered by energy labelling requirements according to Regulation (EU) No 811/2013.

The requirements apply to packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device as described in Article 1 and 2 of the above mentioned Regulation.

The documentation shall be produced before the product is placed on the market.

The technical documentation shall be sufficient to enable assessment of the conformity of the product with the requirements. In this respect it is important that test reports are included in the technical documentation.

### Technical documentation for packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device

Demands	How to comply
<b>Name and address of supplier</b>	Company name and complete address.
<b>General description</b>	Description of the model so that it is easily identified (model name and number, size etc.).
<b>List of applied standards</b>	Applied measurement standards (harmonised standards and/or other standards).
<b>Identification and signature of the person empowered to bind the supplier</b>	Name and signature of the person responsible for the product.
<b>Technical parameters</b>	<p>For packages of space heater, temperature control and solar devices:</p> <ul style="list-style-type: none"> <li>• Seasonal space heating energy efficiency <math>\eta_s</math> in %</li> <li>• Technical parameters set out in Regulation Annex V Table 7.</li> <li>• Technical parameters for temperature control (see details below)</li> <li>• Technical parameters for solar devices (see details below)</li> </ul> <p>For packages of combination heater, temperature control and solar device:</p> <ul style="list-style-type: none"> <li>• Seasonal space heating energy efficiency <math>\eta_s</math> and water heating energy efficiency <math>\eta_{wh}</math> in %</li> <li>• Technical parameters set out in Regulation Annex V Table 8.</li> <li>• Technical parameters for temperature control (see details below)</li> <li>• Technical parameters for solar devices (see details below)</li> </ul>

Be aware of the rounding rules.

To be continued on the next page

## Necessary content of Technical Documentation

# Packages of products for space heating

### Technical documentation for packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device

Demands	How to comply
<b>Information based on calculations from other combinations</b>	For heat pump space heaters and heat pump combination heaters, where the information relating to a specific model with combined indoor and outdoor units is based on calculation or extrapolation from other combinations, state the details of such calculations or extrapolations, including details of the mathematical model for calculations and measurements.
<b>Technical parameters for temperature control</b>	<ul style="list-style-type: none"> <li>• Class of temperature control</li> <li>• Contribution of temperature control to seasonal space heating energy efficiency in %</li> </ul>
<b>Technical parameters for solar devices</b>	<ul style="list-style-type: none"> <li>• Collector aperture area <math>A_{sol}</math> in <math>m^2</math></li> <li>• Collector efficiency <math>\eta_{col}</math> in %</li> <li>• Energy efficiency class of the solar hot water storage tank, determined in accordance with the Regulation Annex II point 3</li> <li>• Standing loss <math>S</math> of the solar hot water storage tank in <math>W</math></li> <li>• Storage volume <math>V</math> of the solar hot water storage tank in litres and <math>m^3</math></li> <li>• Annual non-solar heat contribution <math>Q_{nonsol}</math> in kWh in terms of primary energy for electricity and/or in kWh in terms of GCV for fuels, for the load profiles M, L, XL and XXL under average climate conditions</li> <li>• Pump power consumption <math>sol_{pump}</math> in <math>W</math></li> <li>• Standby power consumption <math>sol_{standby}</math> in <math>W</math></li> <li>• Annual auxiliary electricity consumption <math>Q_{aux}</math> in kWh in terms of final energy</li> </ul>
<b>Specific precautions</b>	State any specific precautions that should be taken when package of space heater or combination heater, temperature control, and solar device is assembled, installed or maintained.

Be aware of the rounding rules.

This guide presents the contents of the Regulation and is addressed to manufacturers, importers and others interested. The guide is not a substitution for the Regulation, and in any case of doubt, the Regulation is applicable. This guide is not legally binding as a binding interpretation can only be made by the EU court.

COMMISSION DELEGATED REGULATION (EU) No 811/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of space heaters, combination heaters, packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device