Air conditioners and comfort fans

This guide presents the content of the technical documentation that you have to provide if the market surveillance authorities ask for it. There is however other information requirements and requirements on web-information that you always need to fulfil according to the regulations.

Technical documentation for air conditioners and comfort fans

<table>
<thead>
<tr>
<th>Demands</th>
<th>How to comply</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name and address of supplier</td>
<td>Company name and complete address.</td>
</tr>
<tr>
<td>General description</td>
<td>Description of the model so that it is easily identified (model name and number, size etc.).</td>
</tr>
<tr>
<td>List of applied standards</td>
<td>Applied measurement standards (harmonised standards and/or other standards).</td>
</tr>
<tr>
<td>Identification and signature of the person empowered to bind the supplier</td>
<td>Name and signature of the person responsible for the product.</td>
</tr>
</tbody>
</table>

Product information and measurements

Apply only to energy labelling for air conditioners

- The SEER/SCOP and EER/COP values shall not exceed the limits for the declared energy class set in Regulation (EU) 626/2011
- Rounded to the nearest integer

Technical parameters for measurements

- Overall dimensions.
- Specification of the type of the air conditioner.
- Specification whether the appliance is designed for cooling or heating only or for both.
- The energy efficiency class of the model, range from G to A+++.
- The energy efficiency ratio (EER\text{\textsubscript{rated}}) and coefficient of performance (COP\text{\textsubscript{rated}}) for single and double duct air conditioners or seasonal energy efficiency ratio (SEER) and seasonal coefficient of performance (SCOP) for other air conditioners.
- The heating season for which the appliance is declared fit for purpose.
- Power consumption thermostat-off and standby mode.
- The name and GWP of refrigerant used.
- Sound power levels expressed in dB(A) re 1 pW.

Models where the data is obtained from another product model

Where the information in the technical documentation is based on calculation or extrapolation from another air conditioner appliance model, details of such calculations or extrapolations shall be included. Furthermore a list of all other equivalent air conditioners appliances where the information is obtained on the same basis shall be provided.
## Technical documentation for air conditioners and comfort fans

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| **Information and calculation results**                                | **Information requirements**  
Apply only to ecodesign for both air conditioners and comfort fans  
Information set out in Regulation (EU) 206/2012 Annex I point 3 calculated in accordance with Annex II.  
**Results of calculations**  
The results of the calculation including values of EER<sub>rated</sub>, COP<sub>rated</sub>, SEER and SCOP etc. performed in accordance with Regulation (EU) 626/2011 Annex VII.  
**Copy of information on website**  
Copy of information that shall be public available on a website (according to Regulation (EU) 206/2012 Annex I point 3 (a)). |
| Be aware of the rounding rules in the measurement standard.            |                                                                                                                                              |

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

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