

Necessary content of Technical Documentation

Vacuum cleaner

Vacuum cleaners are covered by ecodesign requirements according to Regulation (EU) No 666/2013 and energy labelling requirements according to Regulation (EU) No 665/2013.

The requirements apply to vacuum cleaners as described in Article 1 and 2 of the above mentioned Regulations.

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 vacuum cleaner	
Demands	How to comply
Name and address of supplier	Company name and complete address.
General description	Description of the model so that it is easily identified (model name and number, size etc.) - and a list of equivalent product models, if relevant.
List of applied standards	Applied measurement standards (harmonised standards and/or other standards).
Identification and signature of the person empowered to bind the supplier	Name and signature of the person responsible for the product.
Model information Apply to both ecodesign and energy labelling	Models where the information in the technical documentation is obtained by calculation on the basis of an equivalent vacuum cleaner, details of such calculations and of tests undertaken by suppliers to verify the accuracy of the calculations. Furthermore a list of all other equivalent vacuum cleaners where the information is obtained on the same basis.
Copy of calculation Apply only to ecodesign	A copy of calculations set out in Regulation Annex II.
Measured and calculated parameters Apply only to energy labelling	<p>Measured and calculated parameters</p> <ul style="list-style-type: none"> • Annual energy consumption in kWh/year for carpet AE_c and/or for hard floor AE_{hf} • Specific energy consumption during carpet SE_c and/or hard floor test SE_{hf} in Wh/m² (where applicable) • Dust pick up on carpet dpu_c and/or on hard floor dpu_{hf} (where applicable) • Dust re-emission • Sound power level • Rated input power • Average specific energy consumption in Wh/m² for carpet ASE_c and/or for hard floor ASE_{hf} (where applicable) • Average power during carpet test P_c and/or hard floor test P_{hf} in W

The energy consumption shall not exceed the limits for the declared energy class set in Regulation Annex I.

The dust pick-up value shall not exceed the limits for the declared cleaning performance class set in Regulation Annex I.

Be aware of the rounding rules.

Subscripts: c - carpet, hf - hard floor

To be continued on the next page

Necessary content of Technical Documentation

Vacuum cleaner

Technical documentation for vacuum cleaner

Demands	How to comply
	<ul style="list-style-type: none"> • Average power equivalent during carpet NP_c and/or hard floor NP_{hf} test in W (where applicable) • Total time it takes for the centre of the cleaning head to move over the cleaning area in a cleaning cycle, during carpet test t_c and/or hard floor test t_{hf} in hours (where applicable) • Surface area cleaned in a cleaning cycle, calculated as 10 times the product of the head width and length of test area, during carpet A_c and/or hard floor A_{hf} test in m^2 (where applicable) • Measured dust pick-up of vacuum cleaner for each cleaning cycle, dpu_m • Dust pick-up of the reference vacuum cleaner system measured when test carpet was in original condition, dpu_{cal} • Measured dust pick-up of the reference vacuum cleaner system, dpu_{ref} <p>Result of calculations</p> <p>Result of calculations performed in accordance with Regulation Annex VI.</p>

Be aware of the rounding rules.

Subscripts: c - carpet, hf - hard floor

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.

Equivalent product means a product model placed on the market with the same technical and performance characteristics, as another product placed on the market under a different commercial name by the same manufacturer.

COMMISSION REGULATION (EU) NO 666/2013 of 8 July 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for vacuum cleaners

COMMISSION DELEGATED REGULATION (EU) No 665/2013 of 3 May 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to energy labelling of vacuum cleaners