

Commission Delegated Regulation (EU) No 1254/2014 of 11 July 2014 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to energy labelling of residential ventilation units (Text with EEA relevance)

Article 1

Subject matter and scope

- 1 This Regulation establishes energy labelling requirements for residential ventilation units.
- 2 This Regulation shall not apply to residential ventilation units which:
 - a are unidirectional (exhaust or supply) with an electric power input of less than 30 W;
 - b are exclusively specified as operating in a potentially explosive atmosphere as defined in Directive 94/9/EC of the European Parliament and of the Council⁽¹⁾;
 - c are exclusively specified as operating for emergency use, for short periods of time, and which comply with the basic requirements for construction works with regard to safety in case of fire as set out in Regulation (EU) No 305/2011 of the European Parliament and of the Council⁽²⁾;
 - d are exclusively specified as operating:
 - (i) where operating temperatures of the air being moved exceed 100 °C;
 - (ii) where the operating ambient temperature for the motor, if located outside the air stream, driving the fan exceeds 65 °C;
 - (iii) where the temperature of the air being moved or the operating ambient temperature for the motor, if located outside the air stream, are lower than – 40 °C;
 - (iv) where the supply voltage exceeds 1 000 V AC or 1 500 V DC;
 - (v) in toxic, highly corrosive or flammable environments or in environments with abrasive substances;
 - e include a heat exchanger and a heat pump for heat recovery, or allowing heat transfer or extraction being additional to that of the heat recovery system, except heat transfer for frost protection or defrosting;
 - f are classified as range hoods covered by Commission Delegated Regulation (EU) No 65/2014⁽³⁾.

Article 2

Definitions

For the purposes of this Regulation the following definitions shall apply:

- (1) ‘ventilation unit’ (VU) means an electricity driven appliance equipped with at least one impeller, one motor and a casing and intended to replace utilised air by outdoor air in a building or a part of a building;
- (2) ‘residential ventilation unit’ (RVU) means a ventilation unit where:

- (a) the maximum flow rate does not exceed 250 m³/h;
 - (b) the maximum flow rate is between 250 and 1 000 m³/h, and the manufacturer declares its intended use as being exclusively for a residential ventilation application;
- (3) ‘maximum flow rate’ is the declared maximum air volume flow rate of a ventilation unit that can be achieved with integrated or separately co-supplied controls at standard air conditions (20 °C) and 101 325 Pa, where the unit is installed complete (e.g. including clean filters) and according to the manufacturer's instructions, for ducted RVUs the maximum flow is related to the air flow at 100 Pa of external static pressure difference, and for non-ducted RVUs to the air flow at the lowest achievable total pressure difference to be chosen from a set of values of 10 (minimum)-20-50-100-150-200-250 Pa, whichever is equal or just below the measured pressure difference value;
- (4) ‘unidirectional ventilation unit’ (UVU) means a ventilation unit producing an air flow in one direction only, either from indoors to outdoors (exhaust) or from outdoors to indoors (supply), where the mechanically produced air flow is balanced by natural air supply or exhaust;
- (5) ‘bidirectional ventilation unit’ (BVU) means a ventilation unit producing an air flow between indoors and outdoors and which is equipped with both exhaust and supply fans;
- (6) ‘equivalent ventilation unit model’ means a ventilation unit with the same technical characteristics according to the applicable product information requirements, but placed on the market as a different ventilation unit model by the same manufacturer, authorised representative or importer.

For the purposes of Annexes II to IX, additional definitions are set out in Annex I.

Article 3

Responsibilities of suppliers

- 1 Suppliers placing residential ventilation units on the market shall ensure that from 1 January 2016 the following requirements are fulfilled:
- a each residential ventilation unit is accompanied by a printed label in the format and containing the information set out in Annex III, the label must be provided at least in the packaging of the unit. For each model of residential ventilation units an electronic label in the format and containing the information set out in Annex III shall be made available to dealers;
 - b a product fiche, as set out in Annex IV, is made available. The fiche must be provided at least in the packaging of the unit. For each model of residential ventilation units an electronic product fiche, as set out in Annex IV, shall be made available to dealers, and on free access websites;
 - c technical documentation, as set out in Annex V, is made available on request to the Member State authorities and the Commission;
 - d instructions for use are made available;
 - e any advertisement for a specific model of residential ventilation units that discloses energy-related or price information contains the specific energy consumption class of that model;

- f any technical promotional material concerning a specific model of residential ventilation unit which describes its specific technical parameters states the specific energy consumption class of that model.

2 From 1 January 2016 residential ventilation units placed on the market shall be provided with a label in the format set out in Annex III, point 1, if they are unidirectional residential ventilation units, and with a label in the format set out in Annex III, point 2, if they are bidirectional ventilation units.

Article 4

Responsibilities of dealers

Dealers shall ensure that:

- (a) each residential ventilation unit, at the point of sale, bears the label provided by suppliers in accordance with Article 3(1)(a) on the outside of the front or top of the appliance in such a way as to be clearly visible;
- (b) residential ventilation units offered for sale, hire or hire-purchase, where the end-user cannot be expected to see the product displayed, are marketed with the information provided by suppliers in accordance with Annex VI, except where the offer is made on the internet, in which case the provisions of Annex VII shall apply;
- (c) any advertisement for a specific model of residential ventilation unit that discloses energy-related or price information contains a reference to the specific energy consumption class of the unit;
- (d) any technical promotional material concerning a specific model which describes the technical parameters of a residential ventilation unit includes the specific energy consumption class of the model and the instructions for use provided by the supplier.

Article 5

Measurement methods

For the purposes of information to be provided under Articles 3 and 4, the specific energy consumption class shall be determined in accordance with the table set out in Annex II. The specific energy consumption, the annual electricity consumption, the annual heating saved, the maximum flow rate and the sound power level shall be determined in accordance with measurement and calculation methods as set out in Annex VIII, and take into account recognised state-of-the-art measurement and calculation methods.

Article 6

Verification procedure for market surveillance purposes

When assessing the conformity of the ventilation unit, Member States shall apply the procedure laid down in Annex IX.

Article 7

Review

The Commission shall review this Regulation in the light of technological progress and present the results of this review to the Consultation Forum no later than 1 January 2020.

The review shall assess in particular the possible inclusion of other ventilation units, notably of non-residential units, units with a total electric power input smaller than 30 W, and the specific energy consumption calculation and classes for demand controlled unidirectional and bidirectional ventilation units.

Article 8

Entry into force

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 11 July 2014.

For the Commission

The President

José Manuel BARROSO

- (1) Directive 94/9/EC of the European Parliament and of the Council of 23 March 1994 on the approximation of the laws of the Member States concerning equipment and protective systems intended for use in potentially explosive atmospheres ([OJ L 100, 19.4.1994, p. 1](#)).
- (2) Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC ([OJ L 88, 4.4.2011, p. 5](#)).
- (3) Commission Delegated Regulation (EU) No 65/2014 of 1 October 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of domestic ovens and range hoods ([OJ L 29, 31.1.2014, p. 1](#)).