

Commission Delegated Regulation (EU) No 812/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of water heaters, hot water storage tanks and packages of water heater and solar device (Text with EEA relevance)

COMMISSION DELEGATED REGULATION (EU) No 812/2013

of 18 February 2013

supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of water heaters, hot water storage tanks and packages of water heater and solar device

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2010/30/EU of the European Parliament and of the Council of 19 May 2010 on the indication by labelling and standard product information of the consumption of energy and other resources by energy-related products⁽¹⁾, and in particular Article 10 thereof,

Whereas:

- (1) Directive 2010/30/EU requires the Commission to adopt delegated acts as regards the labelling of energy-related products that have a significant potential for energy savings but exhibit a wide disparity in performance levels with equivalent functionality.
- (2) The energy consumed by water heaters and hot water storage tanks accounts for a significant share of the total energy demand in the Union, and water heaters and hot water storage tanks with equivalent functionality exhibit a wide disparity in terms of water heating energy efficiency and standing loss. The scope for reducing their energy consumption is significant and includes combining water heaters with appropriate solar devices. Water heaters, hot water storage tanks and packages of water heaters and solar devices should therefore be covered by energy labelling requirements.
- (3) Water heaters that are designed for using gaseous or liquid fuels predominantly (more than 50 %) produced from biomass have specific technical characteristics which require further technical, economic and environmental analyses. Depending on the outcome of the analyses, energy labelling requirements for those water heaters should be set at a later stage, if appropriate.
- (4) Harmonised provisions should be laid down on labelling and standard product information regarding the energy efficiency of water heaters and hot water storage tanks in order to provide incentives for manufacturers to improve the energy efficiency of these products, to encourage end-users to purchase energy-efficient products and to contribute to the functioning of the internal market.

Changes to legislation: There are outstanding changes not yet made to Commission Delegated Regulation (EU) No 812/2013. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

- (5) As regards significant energy and cost savings for each type of water heater and for hot water storage tanks, this Regulation should introduce a new single labelling scale from A to G for conventional water heaters, solar water heaters and heat pump water heaters and for hot water storage tanks. A dynamic class A⁺ should be added to the classification after two years to accelerate the market penetration of the most efficient water heaters and hot water storage tanks.
- (6) This Regulation should ensure that consumers get more accurate comparative information about the performance of solar water heaters and heat pump water heaters in three European climate zones.
- (7) The sound power level of a water heater could be an important consideration for end-users. Information on sound power levels should be included on the labels of water heaters.
- (8) The combined effect of this Regulation and Commission Regulation (EU) No 814/2013 of 2 August 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for water heaters and hot water storage tanks⁽²⁾ is expected to result in estimated annual energy savings of around 450 PJ (11 Mtoe) by 2020, corresponding to about 26 Mt CO₂ emissions, compared to what would happen if no measures were taken.
- (9) The information provided on the labels should be obtained through reliable, accurate and reproducible measurement and calculation procedures that take into account recognised state-of-the-art measurement and calculation methods including, where available, harmonised standards adopted by the European standardisation bodies under a request from the Commission, in accordance with the procedures laid down in the Directive 98/34/EC of the European Parliament and of the Council of 22 June 1998 laying down a procedure for the provision of information in the field of technical standards and regulations and of rules on Information Society services⁽³⁾, for the purpose of establishing ecodesign requirements.
- (10) This Regulation should specify a uniform design and content of product labels for water heaters and hot water storage tanks.
- (11) In addition, this Regulation should specify requirements for the product fiche and technical documentation for water heaters and hot water storage tanks.
- (12) Moreover, this Regulation should specify requirements for the information to be provided for any form of distance selling of water heaters and hot water storage tanks and in any advertisements and technical promotional material for such products.
- (13) In addition to the product labels and fiches for water heaters and hot water storage tanks laid down in this Regulation, a package label and fiche based on product fiches from suppliers should ensure that the end-user has easy access to information on the energy performance of water heaters in combination with solar devices. The most efficient class A⁺⁺⁺ may be reached by such a package.
- (14) It is appropriate to provide for a review of the provisions of this Regulation taking into account technological progress,

Changes to legislation: *There are outstanding changes not yet made to Commission Delegated Regulation (EU) No 812/2013. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) [View outstanding changes](#)*

HAS ADOPTED THIS REGULATION:

Changes to legislation: There are outstanding changes not yet made to Commission Delegated Regulation (EU) No 812/2013. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) [View outstanding changes](#)

- (1) [OJ L 153, 18.6.2010, p. 1.](#)
- (2) See page 162 of this Official Journal.
- (3) [OJ L 204, 21.7.1998, p. 37.](#)

Changes to legislation:

There are outstanding changes not yet made to Commission Delegated Regulation (EU) No 812/2013. Any changes that have already been made to the legislation appear in the content and are referenced with annotations.

[View outstanding changes](#)

Changes and effects yet to be applied to the whole legislation item and associated provisions

- Signature words omitted by [S.I. 2019/539 Sch. 5 para. 10\(6\)](#)
- Annex 1(13) substituted by [S.I. 2019/539 Sch. 5 para. 10\(7\)](#)
- Annex 5 s. 1(c) word inserted by [S.I. 2019/539 Sch. 5 para. 10\(9\)](#)
- Annex 5 s. 2(c) word inserted by [S.I. 2019/539 Sch. 5 para. 10\(9\)](#)
- Annex 5 s. 3(c) word inserted by [S.I. 2019/539 Sch. 5 para. 10\(9\)](#)
- Annex 5 s. 4(c) word inserted by [S.I. 2019/539 Sch. 5 para. 10\(9\)](#)
- Annex 3 para. 1.2.1 image substituted by [S.I. 2020/1528 Sch. 5 para. 9\(2\)](#)
- Annex 3 para. 1.2.2 image substituted by [S.I. 2020/1528 Sch. 5 para. 9\(3\)](#)
- Annex 3 para. 1.2.3 image substituted by [S.I. 2020/1528 Sch. 5 para. 9\(4\)](#)
- Annex 3 para. 2.2 image substituted by [S.I. 2020/1528 Sch. 5 para. 9\(5\)](#)
- Annex 3 para. 3 image substituted by [S.I. 2020/1528 Sch. 5 para. 9\(6\)](#)
- Annex 3 para. 4 image substituted by [S.I. 2020/1528 Sch. 5 para. 9\(7\)](#)
- Annex 3 para. 5 image substituted by [S.I. 2020/1528 Sch. 5 para. 9\(8\)](#)
- Annex 3 para. 6 image substituted by [S.I. 2020/1528 Sch. 5 para. 9\(9\)](#)
- Annex 3 para. 7 image substituted by [S.I. 2020/1528 Sch. 5 para. 9\(10\)](#)
- Annex 3 para. 8 image substituted by [S.I. 2020/1528 Sch. 5 para. 9\(11\)](#)
- Annex 3 s. 1.1.3(b) words inserted by [S.I. 2019/539 Sch. 5 para. 10\(8\)](#)
- Annex 3 para. 4(d) words substituted by [S.I. 2020/1528 Sch. 5 para. 9\(12\)\(a\)](#)
- Annex 3 para. 5(d) words substituted by [S.I. 2020/1528 Sch. 5 para. 9\(12\)\(a\)](#)
- Annex 3 para. 6(d) words substituted by [S.I. 2020/1528 Sch. 5 para. 9\(12\)\(a\)](#)
- Annex 3 para. 7(d) words substituted by [S.I. 2020/1528 Sch. 5 para. 9\(12\)\(a\)](#)
- Annex 3 para. 8(d) words substituted by [S.I. 2020/1528 Sch. 5 para. 9\(12\)\(a\)](#)
- Annex 3 para. 4(d) words substituted by [S.I. 2020/1528 Sch. 5 para. 9\(12\)\(b\)](#)
- Annex 3 para. 5(d) words substituted by [S.I. 2020/1528 Sch. 5 para. 9\(12\)\(b\)](#)
- Annex 3 para. 6(d) words substituted by [S.I. 2020/1528 Sch. 5 para. 9\(12\)\(b\)](#)
- Annex 3 para. 7(d) words substituted by [S.I. 2020/1528 Sch. 5 para. 9\(12\)\(b\)](#)
- Annex 3 para. 8(d) words substituted by [S.I. 2020/1528 Sch. 5 para. 9\(12\)\(b\)](#)
- Annex 3 s. 1.1.3(b) words substituted in earlier amending provision [S.I. 2019/539, Sch. 5 para. 10\(8\)](#) by [S.I. 2020/1528 reg. 4](#)
- Annex 7 para. 1 words substituted by [S.I. 2019/539 Sch. 5 para. 10\(10\)](#)
- Annex 8 para. 1 words substituted by [S.I. 2019/539 Sch. 5 para. 10\(11\)](#)
- Annex 9(7) omitted by [S.I. 2019/539 Sch. 5 para. 10\(12\)\(b\)](#)
- Art. 1(2)(c) words inserted by [S.I. 2019/539 Sch. 5 para. 10\(2\)\(a\)](#)
- Art. 1(2)(c) words inserted by [S.I. 2019/539 Sch. 5 para. 10\(2\)\(b\)](#)
- Art. 1(2)(c) words substituted in earlier amending provision [S.I. 2019/539, Sch. 5 para. 10\(2\)\(a\)](#) by [S.I. 2020/1528 reg. 4](#)
- Art. 1(2)(c) words substituted in earlier amending provision [S.I. 2019/539, Sch. 5 para. 10\(2\)\(b\)](#) by [S.I. 2020/1528 reg. 4](#)
- Art. 3(1)(c) words substituted by [S.I. 2019/539 Sch. 5 para. 10\(3\)](#)
- Art. 3(2)(c) words substituted by [S.I. 2019/539 Sch. 5 para. 10\(3\)](#)
- Art. 3(3)(b) words substituted by [S.I. 2019/539 Sch. 5 para. 10\(3\)](#)
- Art. 3(4)(c) words substituted by [S.I. 2019/539 Sch. 5 para. 10\(3\)](#)