

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)

Article 1	Subject matter and scope
Article 2	Definitions
Article 3	Responsibilities of suppliers and timetable
Article 4	Responsibilities of dealers
Article 5	Measurement and calculation methods
Article 6	Verification procedure for market surveillance purposes
Article 7	Review
Article 8	Entry into force and application
	Signature

ANNEX I

Definitions applicable for Annexes II to IX

For the purposes of Annexes II to IX, the following...
'conventional water heater' means a water heater that generates heat...

ANNEX II

Energy efficiency classes

1. WATER HEATING ENERGY EFFICIENCY CLASSES OF WATER HEATERS
2. ENERGY EFFICIENCY CLASSES OF HOT WATER STORAGE TANKS

ANNEX III

The labels

1. WATER HEATERS
 - 1.1. Label 1
 - 1.1.1. Conventional water heaters in water heating energy efficiency classes A...
 - 1.1.2. Solar water heaters in water heating energy efficiency classes A...
 - 1.1.3. Heat pump water heaters in water heating energy efficiency classes...
 - 1.2. Label 2
 - 1.2.1. Conventional water heaters in water heating energy efficiency classes A+...
 - 1.2.2. Solar water heaters in water heating energy efficiency classes A+...
 - 1.2.3. Heat pump water heaters in water heating energy efficiency classes...

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2. HOT WATER STORAGE TANKS
 - 2.1. Label 1 for hot water storage tanks in energy efficiency...
 - 2.2. Label 2 for hot water storage tanks in energy efficiency...
3. PACKAGES OF WATER HEATER AND SOLAR DEVICE
4. The design of the label for conventional water heaters shall...
5. The design of the label for solar water heaters shall...
6. The design of the label for heat pump water heaters...
7. The design of the label for hot water storage tanks...
8. The design of the label for packages of water heater...

ANNEX IV

Product Fiche

1. WATER HEATERS
 - 1.1. The information in the product fiche of the water heater...
 - 1.2. One fiche may cover a number of water heater models...
 - 1.3. The information contained in the fiche may be given in...
2. HOT WATER STORAGE TANKS
 - 2.1. The information in the product fiche of the hot water...
 - 2.2. One fiche may cover a number of hot water storage...
 - 2.3. The information contained in the fiche may be given in...
3. SOLAR DEVICES
 - 3.1. The information in the product fiche of the solar device...
 - 3.2. One fiche may cover a number of solar device models...
4. PACKAGES OF WATER HEATER AND SOLAR DEVICE

ANNEX V

Technical documentation

1. WATER HEATERS
2. HOT WATER STORAGE TANKS
3. SOLAR DEVICES
4. PACKAGES OF WATER HEATER AND SOLAR DEVICE

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ANNEX VI

Information to be provided in the cases where end-users cannot be expected to see the product displayed, except on the internet

1. WATER HEATERS
 - 1.1. The information referred to in Article 4(1)(b) shall be provided...
 - 1.2. Where other information contained in the product fiche is also...
 - 1.3. The size and font in which the information referred in...
2. HOT WATER STORAGE TANKS
 - 2.1. The information referred to in Article 4(2)(b) shall be provided...
 - 2.2. The size and font in which the information referred in...
3. PACKAGES OF WATER HEATER AND SOLAR DEVICE
 - 3.1. The information referred to in Article 4(3)(b) shall be provided...
 - 3.2. The size and font in which the information referred in...

ANNEX VII

Measurements

1. For the purposes of compliance and verification of compliance with...
2. General conditions for testing water heaters:
3. Conditions for testing the smart control compliance (smart) of water...
4. Conditions for testing solar water heaters
5. Conditions for testing heat pump water heaters
6. Conditions for testing solar devices
7. Technical parameters of water heaters
8. Technical parameters of hot water storage tanks
9. Technical parameters of solar devices

ANNEX VIII

Method for calculating the water heating energy efficiency of water heaters

1. For the purposes of compliance and verification of compliance with...
2. Technical parameters of water heaters
3. Calculation of the water heating energy efficiency η_{wh}
 - (a) Conventional water heaters and heat pump water heaters:
 - (b) Solar water heaters:

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4. Calculation of the annual electricity consumption AEC and the annual...
 - (a) Conventional water heaters and heat pump water heaters:
 - (b) Solar water heaters:
5. Determination of the smart control factor SCF and of smart...
 - (a) The smart control factor is calculated as follows:
 - (b) If $SCF \geq 0,07$, the value of smart shall be...
6. Determination of the ambient correction term Q_{cor}

ANNEX IX

Product compliance verification by market surveillance authorities

The verification tolerances set out in this Annex relate only...
When verifying the compliance of a product model with the...
The Member State authorities shall verify one single unit of...
The Member State authorities shall use the measurement and
calculation...
The Member State authorities shall only apply the verification
tolerances...
Table 9 Verification tolerances Parameters Verification tolerances
Daily electricity consumption,...

ANNEX X

Information to be provided in the case of sale, hire or hire-purchase through the internet

- (1) For the purpose of points 2 to 5 of this...
- (2) The appropriate label made available by suppliers in accordance with...
- (3) The image used for accessing the label in the case...
- (4) In the case of nested display, the sequence of display...
- (5) The appropriate product fiche made available by suppliers in accordance...

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.

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Changes and effects yet to be applied to :

- Annex 9 word substituted by [S.I. 2019/539 Sch. 5 para. 10\(12\)\(c\)\(i\)](#)
- Annex 9 word substituted by [S.I. 2019/539 Sch. 5 para. 10\(12\)\(c\)\(ii\)](#)
- Annex 9 words substituted by [S.I. 2019/539 Sch. 5 para. 10\(12\)\(a\)](#)
- Annex 9 words substituted in earlier amending provision [S.I. 2019/539, Sch. 5 para. 10\(12\)\(a\)](#) by [S.I. 2020/1528 reg. 6\(1\)reg. 6\(2\)\(c\)\(ix\)](#)
- Art. 3 words substituted in earlier amending provision [S.I. 2019/539, Sch. 5 para. 10\(3\)](#) by [S.I. 2020/1528 reg. 6\(1\)reg. 6\(2\)\(c\)\(ix\)](#)
- Art. 6 words substituted by [S.I. 2019/539 Sch. 5 para. 10\(4\)](#)
- Art. 6 words substituted in earlier amending provision [S.I. 2019/539, Sch. 5 para. 10\(4\)](#) by [S.I. 2020/1528 reg. 6\(3\)reg. 6\(4\)\(e\)\(ix\)](#)
- Art. 7 omitted by [S.I. 2019/539 Sch. 5 para. 10\(5\)](#)

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\(3\)](#)