

Commission Regulation (EC) No 643/2009 of 22 July 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for household refrigerating appliances (Text with EEA relevance)

Article 1	Subject matter and scope
Article 2	Definitions
Article 3	Ecodesign requirements
Article 4	Conformity assessment
Article 5	Verification procedure for market surveillance purposes
Article 6	Benchmarks
Article 7	Revision
Article 8	Repeal
Article 9	Entry into force
	Signature

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ANNEX I

Definitions applicable for the purposes of Annexes II to VI

For the purpose of Annexes II to VI, the following...  
'other-type refrigerating appliances' means a refrigerating appliance in which refrigeration...

ANNEX II

Ecodesign requirements for household refrigerating appliances

1. GENERIC ECODESIGN REQUIREMENTS
  1. From 1 July 2010:
  2. From 1 July 2013:
2. SPECIFIC ECODESIGN REQUIREMENTS

ANNEX III

Measurements

For the purposes of compliance with the requirements of this...

1. GENERAL CONDITIONS FOR TESTING
2. TECHNICAL PARAMETERS

**Changes to legislation:** There are outstanding changes not yet made to Commission Regulation (EC) No 643/2009. 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

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## ANNEX IV

### Method for calculating the Energy Efficiency Index

1. CLASSIFICATION OF HOUSEHOLD REFRIGERATING APPLIANCES
2. CALCULATION OF THE EQUIVALENT VOLUME
  - Notes:
    - (i) for multi-use compartments, the thermodynamic factor is determined by the...
    - (ii) for any two-star section (within a freezer) the thermodynamic factor...
    - (iii) for other compartments the thermodynamic factor is determined by the...
  - Notes:
    - (i) FF is the volume correction factor for frost-free compartments.
    - (ii) CC is the volume correction factor for a given climate...
    - (iii) BI is the volume correction factor for built-in appliances.
3. CALCULATION OF THE ENERGY EFFICIENCY INDEX

## ANNEX V

### Product compliance verification by market surveillance authorities

The verification tolerances defined in this Annex relate only to...  
 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 1 Verification tolerances Parameters Verification tolerances  
 Gross volume The...

## ANNEX VI

### Indicative benchmarks for household refrigerating appliances

At the time of entry into force of this Regulation,...

Refrigerators, compression-type:

Refrigerators, absorption-type:

Refrigerator-freezers, compression-type:

Upright freezers, compression-type:

Chest freezers, compression-type:

**Changes to legislation:** *There are outstanding changes not yet made to Commission Regulation (EC) No 643/2009. 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*

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- (1) [OJ L 191, 22.7.2005, p. 29.](#)
- (2) [OJ L 236, 18.9.1996, p. 36.](#)
- (3) [OJ L 204, 21.7.1998, p. 37.](#)

**Changes to legislation:**

There are outstanding changes not yet made to Commission Regulation (EC) No 643/2009. 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 :**

- Regulation revoked by [S.I. 2021/745 Sch. 29 para. 3](#)
- Annex 5 word substituted by [S.I. 2019/539 Sch. 2 para. 9\(8\)\(e\)\(i\)](#)
- Annex 5 word substituted by [S.I. 2019/539 Sch. 2 para. 9\(8\)\(e\)\(ii\)](#)
- Annex 5 words substituted by [S.I. 2019/539 Sch. 2 para. 9\(8\)\(a\)](#)
- Annex 5 words substituted by [S.I. 2019/539 Sch. 2 para. 9\(8\)\(b\)](#)
- Annex 5 words substituted in earlier amending provision [S.I. 2019/539, Sch. 2 para. 9\(8\)\(a\)](#) by [S.I. 2020/1528 reg. 6\(1\)reg. 6\(2\)\(b\)\(viii\)](#)
- Annex 5 words substituted in earlier amending provision [S.I. 2019/539, Sch. 2 para. 9\(8\)\(b\)](#) by [S.I. 2020/1528 reg. 6\(3\)reg. 6\(4\)\(b\)\(viii\)](#)
- Annex 3 words omitted by [S.I. 2019/539 Sch. 2 para. 9\(7\)](#)
- Art. 2 words substituted by [S.I. 2019/539 Sch. 2 para. 9\(2\)](#)
- Art. 2 words substituted in earlier amending provision [S.I. 2019/539, Sch. 2 para. 9\(2\)](#) by [S.I. 2020/1528 reg. 4](#)
- Art. 4 words substituted by [S.I. 2019/539 Sch. 2 para. 9\(3\)\(a\)](#)
- Art. 4 words substituted by [S.I. 2019/539 Sch. 2 para. 9\(3\)\(b\)](#)
- Art. 5 substituted by [S.I. 2019/539 Sch. 2 para. 9\(4\)](#)
- Art. 5 words substituted in earlier amending provision [S.I. 2019/539, Sch. 2 para. 9\(4\)](#) by [S.I. 2020/1528 reg. 6\(3\)reg. 6\(4\)\(b\)\(viii\)](#)
- Art. 7 omitted by [S.I. 2019/539 Sch. 2 para. 9\(5\)](#)

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

- Signature words omitted by [S.I. 2019/539 Sch. 2 para. 9\(6\)](#)
- Annex 5(2)(a) words substituted by [S.I. 2019/539 Sch. 2 para. 9\(8\)\(c\)\(i\)](#)
- Annex 5(2)(a) words substituted by [S.I. 2019/539 Sch. 2 para. 9\(8\)\(c\)\(ii\)](#)
- Annex 5(7) omitted by [S.I. 2019/539 Sch. 2 para. 9\(8\)\(d\)](#)