

**ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS
AND LABELLING) (RICE COOKERS) REGULATIONS, 2022**

ARRANGEMENT OF REGULATIONS

Regulation

Preliminary Provisions

1. Purpose of Regulations
2. Application of Regulations

Duties and Requirements

3. Duty to comply with requirements
4. Prohibition of manufacture, importation, offer for sale, sale, storage, donation, disposal, installation or use of rice cooker
5. Category of rice cooker
6. Energy efficiency star rating of rice cooker
7. Voltage, input power or wattage of rice cooker
8. Measurement methods
9. Use of circumvention device
10. Technical documentation
11. Labelling and information requirements

Registration of Rice Cookers

12. Appliance Energy Efficiency Register
13. Application for registration
14. Consideration of application
15. Grant of application

Duties of Dealers and Suppliers of Rice Cookers

16. Duty of dealer to keep, maintain and provide technical documentation
17. Duty of supplier to keep, maintain and provide technical documentation
18. Duty of supplier to keep, maintain and provide Product Information Sheet
19. Duty of supplier to provide information for statistical purposes
20. Duty of supplier to ensure accuracy of information

**ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS
AND LABELLING) (RICE COOKERS) REGULATIONS, 2022**

21. Access to information on technical documentation and Product Information Sheet
22. Product brochure in respect of rice cooker

Information

23. Public information
24. Information in respect of mail order and other distance selling
25. Obligations of audio or audio-visual broadcasting service provider
26. Obligations of e-commerce platform
27. Misleading information
28. Restriction on disclosure of information

Powers of Enforcement

29. Power of enforcement authority to require technical documentation
30. Power of enforcement authority to inspect rice cooker
31. Power of enforcement authority to detain or seize record or rice cooker
32. Power of enforcement authority to test rice cooker

Detention, Re-Exportation and Seizure

33. Procedure for market surveillance and verification
34. Order to access premises to inspect, detain or seize rice cooker or record
35. Procedure for detention of rice cooker
36. Procedure for re-labelling of detained rice cooker
37. Procedure for re-exportation of imported rice cooker
38. Procedure for seizure of rice cooker

Petition and Compensation

39. Petition against seizure
40. Forfeiture and destruction of seized rice cooker
41. Compensation for loss of rice cooker or record seized
42. Recovery of expenses by enforcement authority

**ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS
AND LABELLING) (RICE COOKERS) REGULATIONS, 2022**

Miscellaneous Provisions

43. Offences and penalties
44. Interpretation
45. Transitional provision

SCHEDULES

FIRST SCHEDULE

Standards

SECOND SCHEDULE

Minimum Energy Performance Standards

THIRD SCHEDULE

The Label

FOURTH SCHEDULE

Product Information Sheet

FIFTH SCHEDULE

Verification Procedure for Market Surveillance

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

IN exercise of the power conferred on the Minister responsible for Energy by subparagraph (i) of paragraph (a) of subsection (1) of section 56 of the Energy Commission Act, 1997 (Act 541) and on the advice of the Board, these Regulations are made this 28th day of June, 2022.

Preliminary Provisions

Purpose of Regulations

1. The purpose of these Regulations is to promote the efficient use and conservation of energy in the country and mitigate related climate change by

- (a) providing for
 - (i) the enforcement of Standards set out in the First Schedule and the minimum energy performance standards set out in Part One of the Second Schedule;
 - (ii) the labelling of electric mains-operated rice cookers;
 - (iii) supplementary product information on electric mains-operated rice cookers; and
 - (iv) the registration of models of rice cookers in the Appliance Energy Efficiency Register; and
- (b) prohibiting the manufacture, importation, offer for sale, sale, storage, donation, disposal, installation or use of a rice cooker that does not meet the minimum energy performance standards set out in Part One of the Second Schedule.

Application of Regulations

2. (1) These Regulations apply to a rice cooker manufactured in the country or imported into the country for display, sale or use that

- (a) has a rated
 - (i) power not exceeding two thousand watts;
 - (ii) voltage not exceeding two hundred and fifty volts; and
 - (iii) volume not exceeding ten litres;
- (b) is heated by an electrical heating element or electromagnetic induction working under normal pressure; and
- (c) is heated by an electrical heating element or electromagnetic induction working under pressure.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

Duties and Requirements

Duty to comply with requirements

3. (1) A person who manufactures, imports, offers for sale, sells, stores, supplies, distributes, donates or otherwise disposes of a rice cooker for use in the country shall ensure that each model of the rice cooker

(a) is registered with the Commission;

(b) meets the

(i) Standards set out in the First Schedule;

(ii) minimum energy performance standards set out in Part One of the Second Schedule;

(iii) labelling requirements set out in the Third Schedule; and

(iv) information requirements set out in the Fourth Schedule.

(2) A person who advertises a rice cooker shall comply with the provisions of Part Five of the Fourth Schedule.

Prohibition of manufacture, importation, offer for sale, sale, storage, donation, disposal, installation or use of rice cooker

4. (1) A person shall not manufacture, import, offer for sale, sell, store, donate, or otherwise dispose of, install or use a rice cooker in the country unless the rice cooker meets the

(a) minimum energy performance standards set out in Part One of the Second Schedule; and

(b) requirements of the Standards.

(2) An enforcement authority shall

(a) detain, cause to be re-exported, or seize and destroy a rice cooker imported for use in the country contrary to subregulation (1); or

(b) seize and destroy a rice cooker manufactured for use in the country contrary to subregulation (1).

Category of rice cooker

5. The category of a rice cooker shall be determined in accordance with the categories set out in Part Two of the Fourth Schedule.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

Energy efficiency star rating of rice cooker

6. The energy efficiency star rating of a rice cooker shall be determined in accordance with the ratings set out in Part One of the Second Schedule.

Voltage, input power or wattage of rice cooker

7. The manufacturer of a rice cooker shall ensure that the rated voltage, input power or wattage of that rice cooker is printed conspicuously and displayed on the back or side of the rice cooker.

Measurement methods

8. The information to be provided pursuant to regulations 10 and 11 shall be obtained by

(a) a reliable, accurate and reproducible measurement which takes into account recognised state-of-the-art measurements; and

(b) calculation methods

in accordance with the Standards.

Use of circumvention device

9. (1) A manufacturer, an importer or an authorised representative of the manufacturer shall not use a circumvention device during the conduct of a test of a rice cooker.

(2) A person shall not manufacture, import, offer for sale, sell, store, donate, or otherwise dispose of, install or use a rice cooker which is designed to

(a) detect that the rice cooker is being tested by recognising the test conditions or test cycle; or

(b) react specifically by automatically altering the performance of the rice cooker during the test with the aim of reaching a more favourable level for any of the parameters declared by the manufacturer, importer or authorised representative of the manufacturer, in the technical documentation or included in any other documentation provided.

(3) The energy consumption of a rice cooker and any of the other declared parameters shall not deteriorate after a

(a) software; or

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

(b) firmware

update, when measured with the same test standard originally used for the declaration of conformity, except with the consent of the Commission and the Standards Authority, before the update.

(4) A manufacturer, an importer or an authorised representative of the manufacturer shall inform the Commission and the Standards Authority in writing, with reasons, prior to an update of the software or firmware.

Technical documentation

10. (1) A person shall not manufacture, import, offer for sale, sell, store, distribute, donate or otherwise dispose of a rice cooker for use in the country, unless that person has provided the Commission with sufficient technical documentation to enable the Commission

(a) ascertain the accuracy of the information contained

(i) in the Product Information Sheet; or

(ii) on the label; and

(b) register each model of the rice cooker in the Appliance Energy Efficiency Register.

(2) The technical documentation referred to in subregulation (1) shall

(a) be in the English language;

(b) include the Product Information Sheet set out in Part One of the Fourth Schedule; and

(c) contain the information set out in Part Three of the Fourth Schedule marked "Technical Documentation".

(3) The technical documentation shall

(a) be prepared for each model of a rice cooker placed on the market; and

(b) include

(i) the name and address of the supplier;

(ii) the description of the rice cooker, for purposes of identification;

(iii) the model identifier of the manufacturer;

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

(b) firmware
update, when measured with the same test standard originally used for the declaration of conformity, except with the consent of the Commission and the Standards Authority, before the update.

(4) A manufacturer, an importer or an authorised representative of the manufacturer shall inform the Commission and the Standards Authority in writing, with reasons, prior to an update of the software or firmware.

Technical documentation

10. (1) A person shall not manufacture, import, offer for sale, sell, store, distribute, donate or otherwise dispose of a rice cooker for use in the country, unless that person has provided the Commission with sufficient technical documentation to enable the Commission

- (a) ascertain the accuracy of the information contained
 - (i) in the Product Information Sheet; or
 - (ii) on the label; and
 - (b) register each model of the rice cooker in the Appliance Energy Efficiency Register.
- (2) The technical documentation referred to in subregulation (1) shall
- (a) be in the English language;
 - (b) include the Product Information Sheet set out in Part One of the Fourth Schedule; and
 - (c) contain the information set out in Part Three of the Fourth Schedule marked "Technical Documentation".
- (3) The technical documentation shall
- (a) be prepared for each model of a rice cooker placed on the market; and
 - (b) include
 - (i) the name and address of the supplier;
 - (ii) the description of the rice cooker, for purposes of identification;
 - (iii) the model identifier of the manufacturer;

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

- (iv) the relevant drawings on the main design features of the model and parameters of the rice cooker that affect the energy consumption of the rice cooker;
- (v) reports of relevant measurement tests carried out in compliance with the Standards;
- (vi) details of calculations, extrapolations and tests carried out to verify the accuracy of calculations;
- (vii) the installation and operating instructions; and
- (viii) the period within which the model of the rice cooker was manufactured.

Labelling and information requirements

11. (1) A person shall not manufacture, import, offer for sale, sell, store, supply, distribute, donate or otherwise dispose of a rice cooker for use in the country, unless the rice cooker and the packaging of the rice cooker meet the following requirements:

- (a) the rice cooker shall bear a label
 - (i) in the form set out in the Third Schedule; and
 - (ii) placed on the rice cooker;
- (b) the information in respect of the rice cooker indicated on the packaging of the rice cooker shall be in the English language;
- (c) the Product Information Sheet in respect of the rice cooker shall be as set out in Part One of the Fourth Schedule;
- (d) the label on the packaging containing the rice cooker shall
 - (i) contain the information set out in the Third Schedule; and
 - (ii) be printed in colour;
- (e) the labels on the rice cooker and the packaging of the rice cooker shall include the following information:
 - (i) the Quick Response Code;
 - (ii) the name or trade mark of the manufacturer;
 - (iii) the model identifier of the manufacturer;
 - (iv) the year of manufacture of the rice cooker;

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

- (v) the type of rice cooker;
 - (vi) the rated input power of the rice cooker;
 - (vii) the rated voltage of the rice cooker;
 - (viii) the rated capacity or actual volume of the inner pot of the rice cooker in litres;
 - (ix) the heat efficiency rating of the rice cooker; and
 - (x) the country of origin or manufacture;
- (f) a one-star to five-star energy efficiency rating in which the ascending number of stars represents a higher energy efficiency as prescribed in Table 2 under Part One of the Second Schedule and determined in accordance with
- (i) the requirements; and
 - (ii) standard test procedures and measurements set out in Part Two of the Second Schedule;
- (g) the label on the rice cooker shall be printed in colour on a waterproof material and pasted conspicuously on the rice cooker;
- (h) the background of a label printed or pasted on each packaging containing the rice cooker shall be gold in colour;
- (i) all the stars on the label of the rice cooker shall be shaded in black; and
- (j) the text on the label of the rice cooker shall be black in colour.
- (2) Despite regulation 21, an update to the Standards shall take precedence over the requirements specified in paragraph (e) of subregulation (1) and Part Two of the Second Schedule.
- (3) Where
- (a) a side of the packaging is not large enough to contain a label and the blank border; or
 - (b) a label would cover more than fifty per cent of the surface area of the largest side of a packaging,
- the label and the blank border shall be reduced to not less than forty per cent of the largest side of the packaging and pasted on the largest side of the packaging.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

(4) A person shall not remove the label on a rice cooker or on the packaging containing a rice cooker before the first retail purchase of the rice cooker.

(5) For the purposes of this regulation, "first retail purchase" means the purchase of a rice cooker by an end user.

Registration of Rice Cookers

Appliance Energy Efficiency Register

12. (1) The Commission shall establish, keep and maintain an Appliance Energy Efficiency Register.

(2) The Appliance Energy Efficiency Register shall contain the information specified in subregulation (5) of regulation 13.

Application for registration

13. (1) A person who

(a) manufactures a rice cooker in the country; or

(b) imports a rice cooker into the country

for use in the country shall, prior to the manufacture or importation, ensure that each model of the rice cooker is registered with the Commission.

(2) A person who

(a) manufactures a rice cooker in the country; or

(b) imports a rice cooker into the country

for use in the country shall apply to the Commission for registration of the rice cooker.

(3) An application for registration under subregulation (2) shall be made in writing or electronically on the website of the Commission and accompanied with the prescribed fee.

(4) An application for registration shall be accompanied with a test report from an accredited test laboratory that demonstrates that

(a) the rice cooker meets the minimum energy performance standards set out in the Second Schedule;

(b) the test report corresponds with the energy consumption that is provided on the energy efficiency label of the rice cooker.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

(5) The following information shall be provided for each registration of a model of a rice cooker:

- (a) the brand or trademark, if any, used in connection with a supply of the model;
- (b) the model identifier issued by the manufacturer for each model covered by the registration;
- (c) the Product Information Sheet of the model;
- (d) the date the registration takes effect;
- (e) a unique identifier for the registration issued by the Commission;
- (f) the names and contact details of the applicant and contact person in relation to the registration;
- (g) if the model is to be registered as a replacement model of an earlier registered model, that fact and details to identify the replaced model, including the date the replacement was made;
- (h) if a model to be registered is affected by a replacement, that fact and details to identify the replaced model and replacement model, including the date the replacement was made;
- (i) any information specified in these Regulations in relation to that model of rice cooker; and
- (j) any other information the Commission may consider appropriate.

Consideration of application

14. (1) The Commission shall, on receipt of an application for registration of a rice cooker, consider the application.

(2) The Commission shall, in considering the application, have regard to the requirements specified in subregulation (5) of regulation 13.

Grant of application

15. (1) The Commission may, within fourteen days after receipt of an application, grant or refuse an application.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

(2) Where the Commission decides to grant an application, the Commission shall

(a) within three days after the date of the decision, inform the applicant, in writing or electronically as the case may be, of the decision; and

(b) enter the information specified in subregulation (5) of regulation 13 in the Appliance Energy Efficiency Register.

(3) Where the Commission refuses to grant an application, the Commission shall within three days after the date of the decision communicate to the applicant, in writing or electronically as the case may be,

(a) the reason for the refusal; and

(b) the applicable Standards the model of the rice cooker is required to meet.

Duties of Dealers and Suppliers of Rice Cookers

Duty of dealer to keep, maintain and provide technical documentation

16. (1) A dealer shall keep and maintain technical documentation in respect of a model of a rice cooker for a period of not less than two years after the date of manufacture or importation.

(2) A dealer shall, within two days after a request by an enforcement authority, provide the enforcement authority with technical documentation in respect of a rice cooker for inspection.

(3) Where a dealer fails to provide technical documentation in respect of a rice cooker within two days after the request, the enforcement authority shall detain the rice cooker.

(4) A dealer shall ensure that

(a) each rice cooker, at the point of sale, including at trade fairs, bears the label provided by a supplier in accordance with regulation 3, with the label being displayed conspicuously;

(b) in the event of distance selling, the label and Product Information Sheet are provided in accordance with the Third and Fourth Schedules;

(c) an audio advertisement, including radio and local information broadcast network, on a specific model of a

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

rice cooker where the brand, capacity, size, category or price is mentioned, contains information on the energy efficiency class and the range of energy efficiency classes available in accordance with Part Five of the Fourth Schedule;

- (d) a visual advertisement for a specific model of a rice cooker including an advertisement on the internet contains information on the energy efficiency class and the range of energy efficiency classes available on the label, in accordance with Part Five of the Fourth Schedule; and
- (e) a technical promotional material concerning a specific model of rice cooker, including technical promotional material on the internet, which describes the specific technical parameters of the rice cooker includes
 - (i) the energy efficiency class of that model; and
 - (ii) the range of energy efficiency classes available on the label

in accordance with Part Five of the Fourth Schedule.

Duty of supplier to keep, maintain and provide technical documentation

17. (1) A supplier shall keep and maintain technical documentation in respect of each model of a rice cooker for a period of not less than two years after the date of manufacture or importation.

(2) A supplier shall, on request by an enforcement authority, provide the enforcement authority with the technical documentation of the rice cooker for inspection.

(3) Where a supplier fails to provide technical documentation in respect of a rice cooker within two days after the request, the enforcement authority shall detain the rice cooker.

Duty of supplier to keep, maintain and provide Product Information Sheet

18. (1) A supplier shall keep and maintain in the possession of the supplier a Product Information Sheet in respect of each rice cooker in the form set out in Part One of the Fourth Schedule.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

(2) A supplier shall, on request by an enforcement authority, provide that enforcement authority with a Product Information Sheet which shall be in the

- (a) English language; and
- (b) form set out in Part One of the Fourth Schedule.

Duty of supplier to provide information for statistical purposes

19. (1) A person who manufactures in the country, imports into the country or exports out of the country a rice cooker or an assembly of components that incorporates a rice cooker shall provide the Commission with the following information not later than four months after the end of each year:

- (a) the number of rice cookers of each model that the person manufactured, exported or imported into the country in the relevant year;
- (b) the number of rice cookers of each model that the person sold in the country in the relevant year;
- (c) the number of rice cookers of each model that the person exported from the country in the relevant year;
- (d) the name of each model of rice cooker that the person discontinued
 - (i) manufacturing in the relevant year;
 - (ii) exporting in the relevant year; or
 - (iii) importing in the relevant year; and
- (e) a copy of any existing test report, or other energy performance data specified by the Commission, for each model specified under paragraph (d).

(2) Upon a written request by the Commission, a person who manufactures a rice cooker for use in the country or imports a rice cooker into the country shall provide the following information to the Commission not later than forty days after receiving the request:

- (a) the number of rice cookers in each product class specified by the Commission that the person sold to a purchaser in the country in each of the preceding three years; and
- (b) the energy performance characteristics of the rice cookers as specified in the request.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

Duty of supplier to ensure accuracy of information

20. (1) A supplier shall ensure that the information indicated on a
(a) Product Information Sheet; or
(b) label
in respect of a rice cooker is accurate.

(2) The duty imposed on a supplier under subregulation (1) does not affect any other right of action which a person may have by law against a person with respect to the inaccuracy of information on a Product Information Sheet or on a label.

Access to information on technical documentation and Product Information Sheet

21. (1) The information required under regulations 10, 11, 16, 17 and 18 shall be obtained in accordance with the test procedures required by the Standards.

(2) Information obtained in a manner other than in accordance with subregulation (1) shall, for the purposes of these Regulations, be invalid.

Product brochure in respect of rice cooker

22. Where a supplier provides a product brochure in respect of a rice cooker, the brochure shall contain a Product Information Sheet which shall be in the

- (a) English language; and
- (b) form set out in Part One of the Fourth Schedule.

Information

Public information

23. (1) The information provided by a supplier on the Product Information Sheet or on a label of a rice cooker is deemed public information.

(2) A supplier is deemed to have consented to the publication of the information indicated on a Product Information Sheet or on a label in respect of a rice cooker.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

Information in respect of mail order and other distance selling

24. (1) Where a person offers a rice cooker for sale to another person in the country through a medium of communication including a mail order or any other distance selling medium, that person shall provide information in respect of the rice cooker.

(2) The information referred to in subregulation (1) shall

- (a) be in the English language;
- (b) include the product registration number assigned by the Commission upon registration in the Appliance Energy Efficiency Register;
- (c) include the information set out in Part Four of the Fourth Schedule; and
- (d) be written in a manner that is legible.

Obligations of audio or audio-visual broadcasting service provider

25. Where an audio or audio-visual broadcasting service provider advertises a rice cooker, and the information in the advertisement includes the brand, model, size, price and any other information that is specific to a particular model, that service provider shall ensure that

- (a) the advertisement has been vetted and approved by the Commission; and
- (b) the advertisement includes
 - (i) information on the energy efficiency star rating of the rice cooker;
 - (ii) a statement that the advertisement has been vetted and approved by the Commission; and
 - (iii) any other information required under Part Five of the Fourth Schedule.

Obligations of e-commerce platform

26. (1) A person shall not offer for sale, sell, supply, distribute, donate or otherwise dispose of a rice cooker through a promotion on the internet unless

- (a) the energy efficiency rating of the rice cooker is posted next to the price of the rice cooker; and
- (b) the label of the rice cooker is made available to consumers in the same medium of communication.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

(2) Where an e-commerce service provider allows the direct sale of a rice cooker through the website of the service provider, the service provider shall

- (a) enable the display of the
 - (i) electronic label; and
 - (ii) electronic Product Information Sheet provided by the dealer on the display mechanism in accordance with Part Six of the Fourth Schedule; and
- (b) inform the dealer of the obligation to display the electronic label and electronic Product Information Sheet.

Misleading information

27. (1) A person shall not display a label, mark, symbol or inscription which relates to the energy consumption of a rice cooker, if the display is likely to be

- (a) deceptive;
- (b) misleading; or
- (c) false.

(2) A person shall not broadcast an advertisement relating to the energy performance of a rice cooker if the information in the advertisement is likely to be

- (a) deceptive;
- (b) misleading; or
- (c) false.

(3) Subregulations (1) and (2) do not apply to

- (a) a label;
- (b) a mark;
- (c) a symbol; or
- (d) an inscription

displayed under an environmental labelling scheme or an endorsement labelling scheme.

Restriction on disclosure of information

28. (1) An enforcement authority shall not disclose information which consists of a

- (a) secret manufacturing process; or

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

(b) trade secret

that was obtained by that enforcement authority in the course of the exercise of a power or duty conferred on the enforcement authority by these Regulations.

(2) Despite subregulation (1), an enforcement authority may disclose information if

(a) the information is public information; or

(b) the disclosure is made

(i) for the purpose of facilitating the exercise of power by an enforcement authority under these Regulations or any other enactment;

(ii) in connection with the investigation of an offence; or

(iii) for the purpose of a civil or criminal proceeding.

Powers of Enforcement

Power of enforcement authority to require technical documentation

29. Where an enforcement authority suspects that the information given

(a) in a Product Information Sheet; or

(b) on a label

in respect of a rice cooker is incorrect, that enforcement authority may, by notice served on the supplier or importer of the rice cooker, require the supplier or importer to furnish the enforcement authority with the technical documentation referred to in regulation 10 within the period stipulated in the notice.

Power of enforcement authority to inspect rice cooker

30. An enforcement authority may, at any reasonable time, enter any premises to inspect a rice cooker if the enforcement authority has reason to believe that the premises are being used for a purpose in contravention of these Regulations.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

Power of enforcement authority to detain or seize record or rice cooker

31. (1) Subject to these Regulations, where an enforcement authority has reasonable cause to suspect that an offence has been committed or is being committed, that enforcement authority may

- (a) at any reasonable time enter premises other than a dwelling place, and conduct an inspection in accordance with subsection (3) of section 52 of the Act;
- (b) require a person engaged in a business or employed in connection with a business to produce a record in respect of a rice cooker;
- (c) detain or seize a rice cooker that is
 - (i) not labelled,
 - (ii) not properly labelled, or
 - (iii) labelled in a deceptive or misleading manner;
- (d) detain or seize a rice cooker that is imported without technical documentation which justifies the label affixed on the rice cooker;
- (e) detain or seize a rice cooker to enable tests to be carried out;
- (f) detain or seize a record to be used as evidence in proceedings in respect of an offence under these Regulations;
- (g) cause a container to be opened for the purpose of inspection;
- (h) break open a container, where implementation of paragraph (g) is not practicable; or
- (i) detain or seize a rice cooker if the model is not registered in the Appliance Energy Efficiency Register.

(2) For the purposes of paragraphs (b) and (f) of subregulation (1), the enforcement authority may request for information stored electronically to be made available to the enforcement authority in printed form.

Power of enforcement authority to test rice cooker

32. (1) An enforcement authority may

- (a) obtain, remove and test a rice cooker; or

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

(b) order the testing of a rice cooker to ascertain whether a provision of these Regulations has been contravened.

(2) A person who suspects that a rice cooker offered for sale does not comply with the provisions of these Regulations may lodge a complaint with an enforcement authority.

(3) The enforcement authority may, upon receipt of a complaint under subregulation (2), detain and test the rice cooker.

(4) The test to be conducted in respect of a rice cooker purchased, obtained or detained under regulation 31 shall be carried out in accordance with the test procedures required by the Standards.

Detention, Re-Exportation and Seizure

Procedure for market surveillance and verification

33. (1) Despite regulation 32, the Commission and the Standards Authority shall conduct market surveillance to ascertain whether a rice cooker on the market conforms to these Regulations.

(2) The Commission and the Standards Authority shall apply the verification procedure specified in the Fifth Schedule to conduct the market surveillance.

Order to access premises to inspect, detain or seize rice cooker or record

34. Where

- (a) an enforcement authority is refused entry to premises,
- (b) a notification to enter premises would defeat the purpose of the entry,
- (c) the premises to be entered are unoccupied, or
- (d) the occupier of premises to be entered is temporarily absent,

the enforcement authority may apply to a court for an order to enter the premises to inspect, detain or seize a rice cooker or record if the enforcement authority has reasonable grounds to believe that a rice cooker or record on the premises may assist in the disclosure of evidence of the commission of an offence under these Regulations.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

Procedure for detention of rice cooker

35. (1) An enforcement authority that exercises a power of detention under these Regulations shall immediately give a written notice to the person against whom the power has been exercised.

(2) The written notice under subregulation (1) shall state

(a) the rice cooker that has been detained; and

(b) the reason for the detention.

(3) Where an enforcement authority detains a rice cooker, that rice cooker may be kept in a warehouse or other secure location reserved for the purpose.

Procedure for re-labelling of detained rice cooker

36. (1) Subject to these Regulations, where an enforcement authority detains a rice cooker under paragraph (e) of subregulation (1) of regulation 31, the enforcement authority shall

(a) within two days after the detention, submit a sample of the rice cooker for testing; and

(b) within two days after receipt of the test results, give a notice in writing to the supplier of the rice cooker to properly label the rice cooker if the minimum energy performance standards have been complied with.

(2) The notice under paragraph (b) of subregulation (1) shall require a rice cooker to be re-labelled in the required manner or exported out of the country within twenty-eight days.

(3) Where a supplier is required under subregulation (2), to re-label a rice cooker, the supplier shall re-label the rice cooker under the supervision of an officer authorised for the purpose by the Commission or the Standards Authority.

(4) Where a supplier fails to

(a) re-label the rice cooker; or

(b) export the rice cooker

within twenty-eight days after the notice given under paragraph (b) of subregulation (1), the Commission shall, in consultation with the Standards Authority, destroy the rice cooker in a manner that the Commission may determine.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

Procedure for re-exportation of imported rice cooker

37. (1) An enforcement authority that exercises a power of detention or seizure under these Regulations shall, within seven days after the detention or seizure, give an order in writing to the person against whom the power has been exercised to re-export the rice cooker.

(2) The order referred to in subregulation (1) shall state

- (a) the rice cooker to be re-exported;
- (b) the reason for the order;
- (c) the period within which the rice cooker is to be re-exported; and
- (d) the fact that the supplier shall be responsible for the cost associated with the re-export.

(3) Where a rice cooker is kept within premises that are under the control of the owner of the rice cooker, the owner shall pay a security deposit against any breach of the re-exportation order.

(4) A security deposit under subregulation (3) shall be forfeited in the event of a breach of the re-exportation order, including the sale or destruction of a rice cooker which has been ordered to be re-exported.

(5) Where a person fails to pay a security deposit imposed under subregulation (3), the Commission may recover the amount imposed as a civil debt.

Procedure for seizure of rice cooker

38. (1) An enforcement authority that exercises a power of seizure under these Regulations shall, within seven days after the seizure, give a written notice to the person against whom the power has been exercised.

(2) The written notice shall state

- (a) the rice cooker that has been seized;
- (b) the reason for the seizure; and
- (c) the venue and the period within which a petition against the seizure may be brought under regulation 39.

(3) Where an enforcement authority seizes a rice cooker, that rice cooker may be kept in a warehouse or other secure location reserved for the purpose.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

(4) The owner of the rice cooker may be required to pay a deposit to cover the cost of destruction, if the rice cooker does not meet the minimum energy performance standards.

(5) Where a rice cooker is kept within premises that are under the control of the owner of the rice cooker, the owner shall pay a security deposit against any breach of the seizure order.

(6) A security deposit under subregulation (5) shall be forfeited in the event of a breach of the seizure order, including the sale or destruction of a rice cooker which has been seized.

(7) Where a person fails to pay a security deposit imposed under subregulation (5), the Commission may recover the amount imposed as a civil debt.

Petition and Compensation

Petition against seizure

39. (1) Subject to these Regulations, a person whose rice cooker is seized may, within seven days after receipt of the written notice specified in subregulation (1) of regulation 38, petition the Executive Secretary for the release of the seized rice cooker.

(2) The Executive Secretary shall, within seven days after the receipt of a petition under subregulation (1),

(a) confirm the seizure; or

(b) order the release of the seized rice cooker to the petitioner on a specific day.

(3) A person who is dissatisfied with a decision of the Executive Secretary under subregulation (2) may appeal to the Board within seven days after the receipt of the decision.

(4) The Board shall within thirty days after the receipt of an appeal under subregulation (3)

(a) consult the Standards Authority; and

(b) take a decision on the appeal.

(5) The Board may release the seized rice cooker to the petitioner only if the Commission and the Standards Authority fail to prove that an offence under these Regulations has been committed.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

(6) A person who is dissatisfied with

- (a) a decision of the Board under subregulation (4) may, within fourteen days after the decision; or
- (b) the failure of the Board to make a decision within thirty days after receipt of the appeal may, within fourteen days after the failure

apply to the court.

Forfeiture and destruction of seized rice cooker

40. (1) Where an appeal to the Board under subregulation (3) of regulation 39 is not successful, the enforcement authority shall, within twenty-eight days after the decision of the Board, notify the owner of the rice cooker of the forfeiture and date of destruction of the seized rice cooker.

(2) The Commission may, in consultation with the Standards Authority, destroy a forfeited rice cooker in a manner that the Commission may determine.

(3) Where under subregulation (6) of regulation 39, the court upholds or affirms the decision of the Board to forfeit and destroy the rice cooker, the Commission shall destroy the rice cooker within the period given by the court.

Compensation for loss of rice cooker or record seized

41. (1) Where an enforcement authority exercises power under these Regulations to seize a rice cooker or record, that enforcement authority is liable to pay compensation to the owner of the rice cooker or record for any loss or damage caused by the exercise of the power, if

- (a) these Regulations have not been contravened in relation to the rice cooker or record; and
- (b) the loss or damage is not attributable to the neglect or the fault of the owner but an official of the Commission.

(2) Paragraph (b) of subregulation (1) does not apply in a case of *force majeure*.

(3) The compensation payable under subregulation (1) for a loss or damage shall not exceed the value of the rice cooker or record.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

(4) A dispute as to the

(a) right to compensation; or

(b) amount of compensation payable to a person under subregulation (1),

shall be determined in the first instance by arbitration in accordance with the Alternative Dispute Resolution Act, 2010 (Act 798).

Recovery of expenses by enforcement authority

42. (1) Where an enforcement authority

(a) seizes,

(b) tests, or

(c) supervises the re-labelling or destruction of

a rice cooker, that enforcement authority may surcharge the dealer or supplier of the rice cooker for the expenses incurred for the seizure, testing or supervision.

(2) Despite subregulation (1), where a court convicts a person of an offence in respect of the contravention of a provision of these Regulations, the court may, in addition to any order that the court may make as to costs and expenses, order the person convicted to reimburse the enforcement authority for the expenditure incurred by the enforcement authority in connection with the seizure.

Miscellaneous Provisions

Offences and penalties

43. (1) A person who

(a) manufactures, imports, offers for sale, sells, stores, advertises, distributes or otherwise disposes of a rice cooker that

(i) does not meet a requirement in respect of the minimum energy performance standards contrary to regulation 3;

(ii) is not accompanied by the required technical documentation contrary to regulation 10;

(iii) is not labelled or properly labelled contrary to regulation 11;

(iv) is labelled in a deceptive or misleading manner contrary to regulation 27;

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

- (b) uses a circumvention device contrary to regulation 9;
 - (c) fails to comply with a labelling requirement contrary to regulation 11;
 - (d) fails to provide technical documentation contrary to regulation 10, 16 or 17;
 - (e) fails to register a model of a rice cooker contrary to regulation 13;
 - (f) fails to provide a Product Information Sheet contrary to regulation 18;
 - (g) fails to provide information on a rice cooker contrary to regulation 19;
 - (h) provides inaccurate information contrary to regulation 20;
 - (i) advertises a rice cooker without providing accurate information on the energy efficiency star rating of the rice cooker and the range of energy efficiency of the rice cooker available contrary to regulation 25;
 - (j) offers for sale or sells a rice cooker over the internet or other distance selling medium without providing the information required contrary to regulation 24 or 26;
 - (k) provides misleading information contrary to regulation 27;
 - (l) obstructs or interferes with an enforcement authority in the exercise of the powers of that enforcement authority contrary to regulation 31;
 - (m) fails to comply with the requirements for re-labelling contrary to regulation 36; or
 - (n) violates a seizure order or notice contrary to regulation 38
- commits an offence and is liable on summary conviction to a fine of not less than one hundred and twenty-five penalty units and not more than two hundred and fifty penalty units or to a term of imprisonment of not less than six months and not more than twelve months or to both.

(2) A person who commits a second or subsequent offence under subregulation (1) after an earlier conviction under subregulation (1) is liable on summary conviction to a fine of not less than two hundred and fifty penalty units and not more than five hundred penalty units or to a term of imprisonment of not less than twelve months and not more than twenty-four months or to both.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

(3) Where an offence under these Regulations is committed by a body corporate or by a member of a partnership or other firm, every director or officer of the body corporate or any member of the partnership or any other person concerned with the management of the firm shall be deemed to have committed that offence and is liable, on summary conviction, to a fine of not less than five hundred penalty units and not more than one thousand penalty units, and is in addition liable to the payment of compensation for the damage resulting from the breach.

(4) A person shall not be convicted of an offence under subregulation (3), if it is proved that

- (a) the person exercised due diligence to secure compliance with the provisions of these Regulations, and
- (b) the offence was committed without the knowledge, consent or connivance of that person.

Interpretation

44. In these Regulations, unless the context otherwise requires,

“accredited test laboratory” means a test laboratory that is recognised by the Standards Authority for laboratory testing and product certification;

“airborne acoustical noise emission” means the sound power level of a rice cooker, expressed in dB(A);

“appliance” means a device or machine for performing a specific task;

“Appliance Energy Efficiency Register” means an official record, kept and maintained by the Commission, on energy efficiency information in respect of models of electrical appliances that have been certified by the Commission and the Standards Authority for use in Ghana;

“audio or audio-visual broadcasting service provider” means a person who provides a service which delivers radio programmes or programmes with hearing and sight components to persons with equipment appropriate for receiving that service, whether the delivery is effected by means of or uses the radio frequency spectrum, cable,

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

optical fibre, satellite, internet radio via streaming media on the internet, or any other means or a combination of those means intended to reach a wide audience;

“circumvention device” means any control, control device, software, component or part that alters the operating characteristics of a rice cooker during any test procedure, resulting in measurements that are unrepresentative of the true characteristics of the rice cooker that may occur during normal use under comparable conditions;

“container” means a receptacle or enclosure for holding a product for storage, packaging and shipping;

“court” means a court of competent jurisdiction;

“dealer” means a retailer or other person who displays, offers for sale or sells a rice cooker to an end user;

“distance selling” means the sale of goods or services without the buyer and seller being physically present simultaneously;

“dwelling place” means place of residence;

“electric mains-operated rice cooker” means a rice cooker that operates on electricity supply from the grid of 230 ($\pm 10\%$) volts of alternating current at 50 Hz;

“electronic Product Information Sheet” means a document containing the following information in electronic format:

- (a) basic product information;
- (b) energy label information; and
- (c) special features and characteristics;

“end user” means the first user of a rice cooker;

“endorsement labelling scheme” includes a voluntary labelling scheme that guarantees the performance standards of a rice cooker that are equal to or exceed the minimum threshold established by a recognised advisory body;

“energy efficiency rating of a rice cooker” means the heat efficiency of the rice cooker;

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

“enforcement authority” means

- (a) an authorised officer of the Commission;
- (b) an authorised officer of the Standards Authority;
- (c) an authorised officer of the Customs Division of the Ghana Revenue Authority;
- (d) an authorised officer of the Police Service; or
- (e) any other authorised person designated by the Customs Division of the Ghana Revenue Authority, the Commission or the Standards Authority to carry out inspections for the purposes of these Regulations;

“environmental labelling scheme” means a voluntary labelling scheme that provides detailed information on the environment about the performance characteristics of a rice cooker;

“equivalent model” means a model which has the same technical characteristics relevant for the technical information to be provided, but which is placed on the market or put into service by the same manufacturer, importer or authorised representative as another model with a different model identifier;

“GS” means Ghana Standards;

“heat efficiency” means the ratio of the effective output energy to the input electrical energy of the rice cooker measured in percentages in accordance with standard test methods and procedures set out in the Standards of the First Schedule;

“importer” means a person who places a rice cooker from a foreign country on the Ghanaian market and supplies that rice cooker for use;

“label” means the material attached to a rice cooker, the inscription of which contains information on the energy consumption of the rice cooker;

“minimum energy performance standards” mean a set of procedures and regulations that prescribe the minimum allowable values of energy efficiency or energy performance of manufactured products;

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

- “model identifier” means the code, usually alphanumeric, which distinguishes a specific product model from other models with the same trademark of the same name of the manufacturer, importer or authorised representative;
- “premises” means land and any building, store, shop, apartment, or other structure on the land used for the storage of a rice cooker;
- “product brochure” includes a pamphlet or booklet that contains introductory information about a product;
- “Product Information Sheet” means a standard table of information related to a rice cooker;
- “Quick Response Code” means a matrix barcode included on the energy label of a product model that links to the information of a model in the public part of the product database;
- “rated voltage” means the voltage or voltage range marked on the rice cooker, in volts (V);
- “rating plate” means a name plate that indicates the measurable performance capability of a rice cooker;
- “record” includes a book, document, label, mark, symbol, inscription or information in electronic form;
- “rice cooker” means an automated kitchen appliance designed to boil or steam rice;
- “sale” means the exchange of the product for consideration, including hire purchase, credit sale and purchase by instalment;
- “Standards” means quality specifications for rice cookers as stipulated in the First Schedule;
- “Standards Authority” means the Standards Authority established under the Standards Authority Act, 1973 (NRCD 173);
- “supplier” means a person or organisation that provides a product, including
- (a) a manufacturer or the authorised representative of a manufacturer resident in the country; and

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

(b) an importer or the person who introduces a rice cooker on the Ghanaian market;

“supply” includes an offer to supply, contract to supply and an advertisement for supply of a rice cooker, except the exhibition at a trade fair of a rice cooker that is prohibited by these Regulations;

“trade secret” means a secret device or technique used by a company in manufacturing a product of the company;

“wattage” means the power marked on a rice cooker, in watts (W); and

“year” means the period from 1st January to 31st December.

Transitional provision

45. A person who, before the coming into force of these Regulations, has

(a) manufactured in the country; or

(b) imported into the country

a rice cooker that does not comply with these Regulations, shall, within one year after the coming into force of these Regulations, sell, distribute, donate or otherwise dispose of that rice cooker.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

SCHEDULES

FIRST SCHEDULE

(regulations 1(a)(i), 3(1)(b)(i) and 44)

STANDARDS

1. GS 1292: 2019 Electrical Appliances – Minimum allowable values of energy efficiency and energy efficiency grades for electric rice cookers.
2. GS 1291: 2019 Electrical Appliances – Specifications for induction heating electric rice cooker.
3. GS 1298: 2019 Electrical Appliances – Electric cooker and similar appliances.
4. GS IEC 60335-1:2010 Household and similar electrical appliances – Safety – General requirements.
5. GS IEC 60335-2-15 Household and similar electrical appliances – Safety- Part 2-15: Particular requirements for appliances for heating liquids.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

SECOND SCHEDULE

(regulations 1(a)(i) and (b), 3(1)(b)(ii), 4 (1)(a), 6, 11(1)(f), 11(2) and 13(4)(a))

MINIMUM ENERGY PERFORMANCE STANDARDS

PART ONE

(regulations 1(a)(i) and (b), 3(1)(b)(ii), 4 (1)(a) and 6)

1. Efficiency Specifications

- (1) The energy efficiency performance of an electric rice cooker under these Regulations is determined by taking into consideration three different modes of electricity consumption of the electric rice cooker as follows:
 - (a) Cooking mode: The period during which the food is heated and cooked at a relatively high temperature;
 - (b) Keep-warm mode: Keeping the food at designated temperature for food preservation after the cooking process is completed; and
 - (c) Standby mode: Rice cooker is connected to the power supply but the heating component is deactivated.
- (2) The energy efficiency performance of an electric rice cooker in the cooking mode under these Regulations is determined on the basis of the heat efficiency of the rice cooker defined as the ratio of the effective output energy to the input electrical energy of the rice cooker measured in percentages in accordance with standard test methods and procedures set out in the Standards of the First Schedule. The energy performance of the rice cooker in the cooking mode shall be in accordance with the energy efficiency classification of the different rice cooker grades and the star rating plan based on *heat efficiency* metric as shown in Table 1.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

- (3) The energy efficiency performance of the electric rice cooker in the keep-warm mode under these Regulations is determined on the basis of specifying a minimum level of total energy consumption in Watt-hours (Wh) as a minimum energy performance standard.
- (4) The energy efficiency performance of the electric rice cooker in the standby mode under these Regulations is determined on the basis of specifying a minimum level of power consumption in Watt (W) as a minimum energy performance standard.

2. Energy Efficiency Star Rating of Electric Rice Cookers

The energy efficiency class of an electric rice cooker in the cooking mode shall be determined as set out in the star rating plan shown in Table 1.

Table 1: Energy efficiency classes of electric rice cooker

Rated Power, P (W)	Star rating plan for electric rice cookers - Heat efficiency (η) in percent (%)								
	1-Star		2-Star		3-Star		4-Star		5-Star
	$\eta \geq^*$	$\eta <$	$\eta \geq^{**}$	$\eta <$	$\eta \geq$	$\eta <$	$\eta \geq$	$\eta <$	$\eta >$
$P \leq 400$	68.0	72.0	72.0	76.0	76.0	81.0	81.0	87.0	87.0
$400 < P \leq 600$	71.0	75.0	75.0	77.0	77.0	82.0	82.0	88.0	88.0
$600 < P \leq 800$	72.0	76.0	76.0	78.5	78.5	84.0	84.0	88.5	88.5
$800 < P \leq 1000$	73.0	77.0	77.0	79.5	79.5	85.0	85.0	89.0	89.0
$1000 < P \leq 2000$	74.0	78.0	78.0	81.0	81.0	86.0	86.0	90.0	90.0
NOTES	1.* Minimum allowed for non-metallic inner pot ONLY 2.** Minimum allowed for metallic inner pot ONLY								

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

3. Minimum Energy Performance Standards for Electric Rice Cookers

(1) **Keep-warm mode**

The minimum allowable values for warm-keeping energy consumption of a rice cooker with cooking and warm-keeping functions shall not exceed the values specified in Table 2 for the energy efficiency star rating classifications.

Table 2: MEPS for electric rice cooker in “keep-warm” cooking mode

Rated Power, P (W)	Minimum energy consumption for keep-warm cooking mode (Wh)	
	1-Star to 3-Star	4-Star to 5-Star
$P \leq 400$	40.00	19.00
$400 < P \leq 600$	50.00	21.00
$600 < P \leq 800$	68.00	33.00
$800 < P \leq 1000$	72.00	34.00
$1000 < P \leq 2000$	78.00	35.00

(2) **Standby mode**

Under normal pressure conditions, standby mode power consumption of a rice cooker with the standby function shall not exceed the values specified in Table 3 for the energy efficiency star rating classifications and type of rice cooker.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

Table 3: MEPS for electric rice cooker in Standby cooking mode

Type of Rice Cooker	Minimum Standby Power Consumption (W)	
	1-star to 3-star	4-star to 5-star
Electric element heating type	≤1.6	≤1.0
Electromagnetic induction heating type	≤1.8	≤1.6

PART TWO

(11(1)(f) and 11(2))

1. Measurements

- (1) For the purpose of compliance with the requirements of these Regulations, measurements of technical parameters shall be made using a reliable, accurate and reproducible measurement procedure, which takes into account the generally recognised state of the art measurement methods, including test methods and test conditions set out in the Standards provided in the First Schedule.
- (2) Measurement and calculations of the following technical parameters are required for the determination of efficiency star rating performance of an electric rice cooker and shall be undertaken in accordance with test methods and procedures specified in the Standards of the First Schedule:
 - (a) rated capacity in litres, rounded to one decimal place;

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

- (b) rated power capacity in watts (W), rounded to one decimal place;
- (c) heat efficiency, η , in per cent (%) rounded to one decimal place;
- (d) energy consumption in keep-warm mode (Wh), rounded to two decimal places; and
- (e) standby power consumption rating in watts (W), rounded to one decimal place.

2. Tolerances

- (1) There shall be zero negative tolerance on rated capacity of heaters and the measured capacity shall not be less than the rated capacity.
- (2) The power input shall be within +5% to -10% of the rated power capacity.

3. Calculations

- (1) The heat efficiency, η , of electric rice cookers is calculated according to the following formula;

$$\eta = \frac{1.16 \times \lambda \times G \times (t_2 - t_1)}{E} \times 100$$

where

η : is the heat efficiency calculated and rounded to one decimal place;

G : is the pre-test water mass in kilograms (kg);

E : is the energy consumption in watt hour (Wh), rounded to two decimal places;

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

t_2 : is the highest post-test water temperature in Celsius ($^{\circ}\text{C}$), rounded to one decimal place;

t_1 : is the original pre-test water temperature in Celsius ($^{\circ}\text{C}$), rounded to one decimal place; and

λ : is the correction coefficient with values assigned according to type and category of rice cooker as provided in Table 4.

Table 4: Values for the variable, λ

Rice cooker type (by technology)	Values for the variable, λ	
	Non-metallic inner pot	Metallic inner pot
Electric heating element type	1.13	1.00
Electromagnetic induction heating type	1.15	1.15

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

THIRD SCHEDULE

(regulations 3(1)(b)(iii), 11(1)(a)(i), 11(1)(d)(i) and 16(4)(b))

THE LABEL

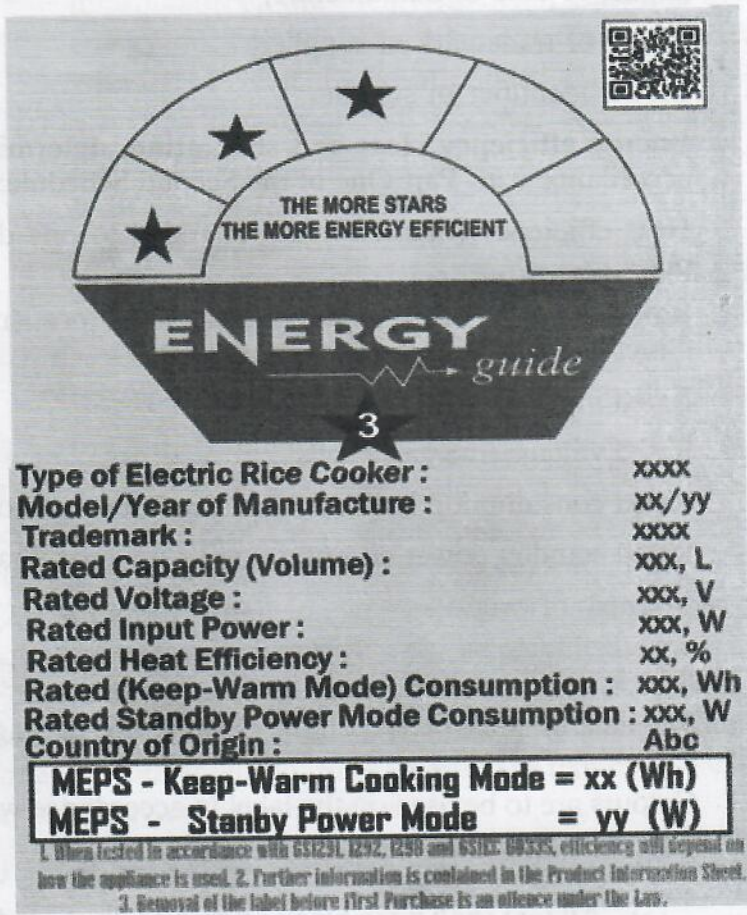


Figure 1: Label for Electric Rice Cooker

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

2. Notes to label of electric rice cooker

The following information shall be included in the label:

- (a) Quick Response Code;
- (b) Type of electric rice cooker in accordance with Part Two of the Fourth Schedule;
- (c) Model or date of manufacture;
- (d) Name or trademark of supplier;
- (e) Model identifier of supplier;
- (f) Energy efficiency class and star rating, determined in accordance with Part One of the Second Schedule;
- (g) Heat efficiency (marked "%"), rounded to one decimal place;
- (h) Rated capacity or actual volume of inner pot, (marked "litres") rounded to the nearest integer;
- (i) Rated input power (marked "W");
- (j) Rated voltage (marked "volts");
- (k) Rated consumption in keep-warm mode of the model;
- (l) Rated standby power consumption of the model; and
- (m) Country of origin.

3. Printing

- (1) The label shall be placed on the container or packaging.
- (2) Colours are to be used on the label in accordance with the following:
 - (a) All text shall be in black or gold as illustrated;
 - (b) The background shall be gold;
 - (c) All Stars shall be in black; and

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

- (d) The border line shall be in black.
- (3) The dimension of the label is shown in Figure 2.

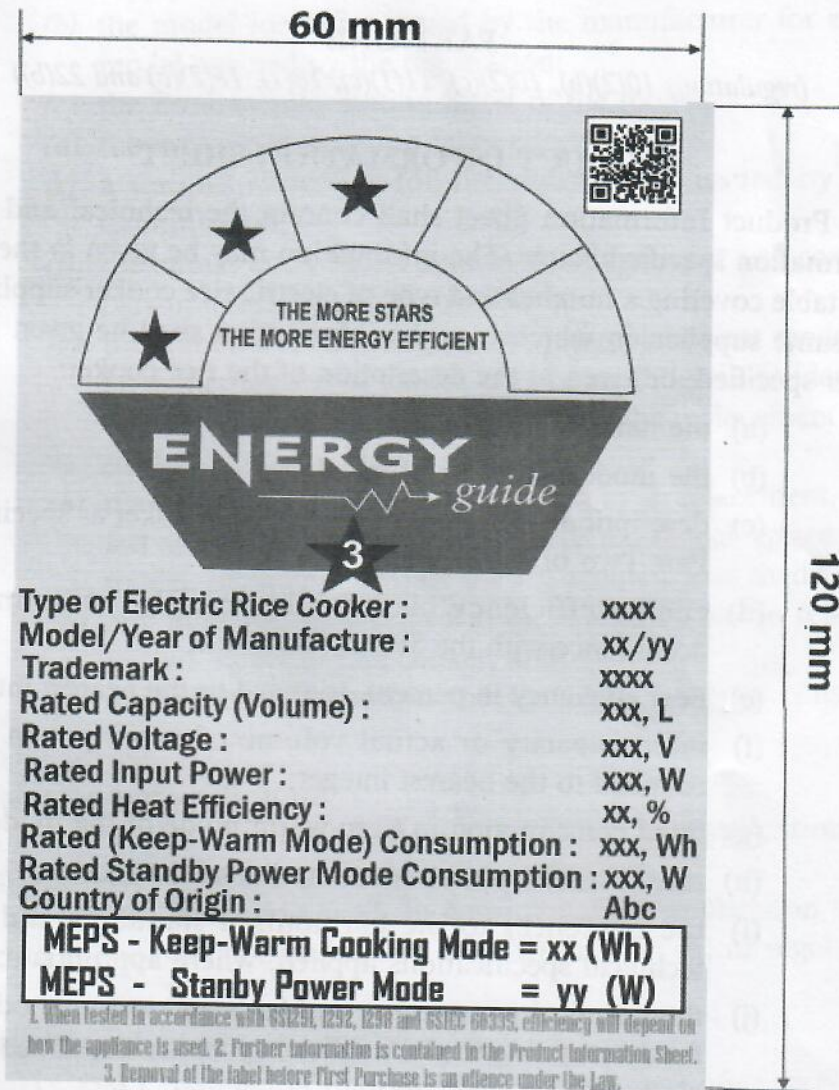


Figure 2: Label Dimensions for Electric Rice Cooker

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

FOURTH SCHEDULE

(regulations 3(1)(b)(iv), 3(2), 5, 10(2) (b) and (c), 11(1) (c), 16(4)(b), (c), (d) and (e), 18(1), 18(2)(b), 22(b), 24(2)(c), 25(b)(iii) and 26(2)(a))

PART ONE

(regulations 10(2)(b), 10(2)(c), 11(1)(c), 18(1), 18(2)(b) and 22(b))

PRODUCT INFORMATION SHEET

The Product Information Sheet shall contain the technical and other information specified below. The information may be given in the form of a table covering a number and type of electric rice cooker supplied by the same supplier, in which case the information shall be given in the order specified, or given in the description of the rice cooker:

- (a) the name or trade mark of supplier;
- (b) the model identifier of supplier;
- (c) description of the type of electric rice cooker as specified in Part Two of this Schedule;
- (d) energy efficiency class of the model, determined in accordance with the Second Schedule;
- (e) heat efficiency in percent, rounded to the nearest integer;
- (f) rated capacity or actual volume of inner pot in litres, rounded to the nearest integer;
- (g) rated consumption in keep-warm mode of the model;
- (h) rated standby power consumption of the model;
- (i) the references to the harmonised standards and other technical specifications applied, where appropriate;
- (j) the technical parameters, standards and test methods used for determining the heat efficiency and other ratings of the electric rice cooker; and
- (k) user instructions including disposal instructions.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

PART TWO
(regulations 5)

Type or Category of Electric Rice Cooker

Type	Category	Description in information sheet
Technology	Electric element heating	xxxxxx (specify)
	Electromagnetic induction heating	xxxxxx (specify)
	Working Pressure	Normal Type Pressure Type
Inner pot material	Metallic	
	Non-metallic	
	Other material (eg. alloy etc.)	
Mode of control	Electronic	
	Electromechanical	
Keep warm capability	Yes/No	
Standby capability	Yes/No	
Power rating	$P \leq 400$ W	
	$400 < P \leq 600$ W	
	$600 < P \leq 800$ W	
	$800 < P \leq 1000$ W	
	$1000 < P \leq 2000$ W	

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

PART THREE

(regulation 10(2)(c))

Technical documentation

The technical documentation referred to in regulation 10 shall include at least all the information required under Part One and Part Two of this Schedule in addition to the following items:

- (a) the name and address of the supplier;
- (b) a description of the electric rice cooker model sufficient for unambiguous identification;
- (c) the references of the harmonised standards applied;
- (d) where appropriate, the other technical standards and specifications used;
- (e) the identification and signature of the person empowered to bind the supplier;
- (f) the results of the measurements for the technical parameters specified in Part Two of the Second Schedule; and
- (g) any specific precautions that shall be taken when the rice cooker is assembled, installed or maintained.

PART FOUR

(regulation 24(2)(c))

Mail Order and Other Distance Selling

- (1) The information to be provided when the end user cannot be expected to see the product displayed shall be provided in the following order:
 - (a) the energy efficiency class of the model, determined in accordance with the Second Schedule;

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

- (b) the heat efficiency in per cent, rounded to the nearest integer;
 - (c) the rated capacity (actual volume of the inner pot) in litres, rounded to the nearest integer;
 - (d) the rated standby power consumption of the model;
 - (e) the rated consumption in keep-warm mode of the model; and
 - (f) the information in Part One and Part Two of this Schedule.
- (2) The size and font in which the information referred in paragraph 1 is printed or shown shall be legible.

PART FIVE

(regulations 3(2), 16(4)(c), (d) and (e) and 25(b)(iii))

Information to be provided in audio advertisements, visual advertisements, in technical promotional material, in distance selling, except distance selling on the internet

1. In an audio advertisement, for the purposes of ensuring conformity with the requirements laid down in subregulation (2) of regulation 3, the energy efficiency class of the model of appliance being advertised and the range of energy efficiency classes available on the market shall be stated in the advertisement.
2. In a visual advertisement, for the purposes of ensuring conformity with the requirements laid down in subregulation (2) of regulation 3, the energy efficiency class and the range of energy efficiency classes available on the label shall be shown as set out in paragraph 5 of this Part.
3. In technical promotional material, for the purposes of ensuring conformity with the requirements laid down in regulation 10, the energy efficiency class and the range of energy efficiency classes available on the label shall be shown as set out in paragraph 5 of this Part.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

4. Any paper-based distance selling shall show the energy efficiency class and the range of energy efficiency classes available on the label as set out in paragraph 5 of this Part.
5. The energy efficiency class and the range of energy efficiency classes shall be shown, as indicated in Figure 1, with:
- an arrow, containing the letter of the energy efficiency class in hundred per cent white, Calibri Bold and in a font size at least equivalent to that of the price, when the price is shown;
 - the colour of the box shall be gold;
 - the range of available energy efficiency classes in hundred per cent black; and
 - the size shall be such that the box is clearly visible and legible.

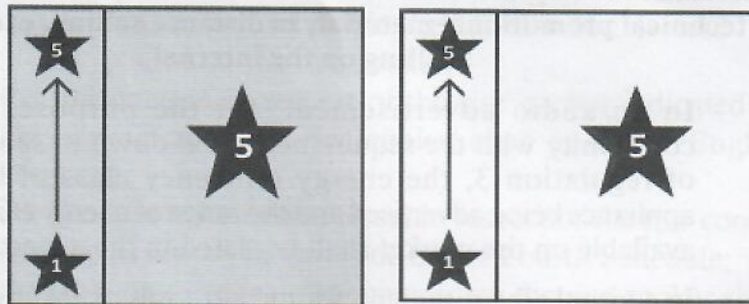


Figure 1: Coloured/Monochrome Star-Rating with range of Energy Efficiency classes indicated

6. The number embedded in the black star corresponding with the energy efficiency class of the appliance star shall be in hundred per cent white and positioned in the centre of the black star in the box, with a border of 0.5pt in hundred per cent black placed around the box and the star showing the energy efficiency star rating class.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

7. By way of derogation, if the visual advertisement, technical promotional material or paper-based distance selling material is printed in monochrome, the box can be in monochrome in that visual advertisement, technical promotional material or paper-based distance selling.
8. Telemarketing-based distance selling shall specifically inform the customer of the energy efficiency class of the product and of the range of energy efficiency classes available on the label, and that the customer can access the full label and the Product Information Sheet through a free access website, the public part of the Appliance Energy Efficiency Register of the Commission or by requesting a printed copy.
9. For all the situations mentioned in paragraphs 2 to 4 and paragraph 8, it shall be possible for the customer to obtain, on request, a printed copy of the label and the Product Information Sheet.

PART SIX

(regulation 26(2)(a))

Information to be provided in the case of distance selling through the Internet

1. The appropriate label made available by suppliers in accordance with the Third Schedule shall be shown on the display mechanism in proximity to the price of the product.
2. The size shall be such that the label is clearly visible and legible and shall be proportionate to the size specified in the Third Schedule.
3. The label may be displayed using a nested display, in which case the image used for accessing the label shall comply with the specifications laid down in paragraph 5 of this Part.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

4. If nested display is applied, the label shall appear on the first mouse click, mouse roll-over or tactile screen expansion on the image.
5. The image used for accessing the label in the case of nested display, as indicated in Figure 2, shall
 - (a) be a box in gold colour with a black star and an embedded number corresponding to the energy efficiency star rating of the product on the label;
 - (b) indicate the energy efficiency star rating of the product in the box in hundred per cent black, Calibri Bold and in a font size equivalent to the font of the price;
 - (c) have the range of available energy efficiency classes in hundred per cent black; and
 - (d) have one of the following two formats, and the size of the image shall be such that the box is clearly visible and legible. The number showing the energy efficiency star rating shall be positioned in the centre of the box, with a visible border in hundred per cent black placed around the box and the number of the energy efficiency star rating;

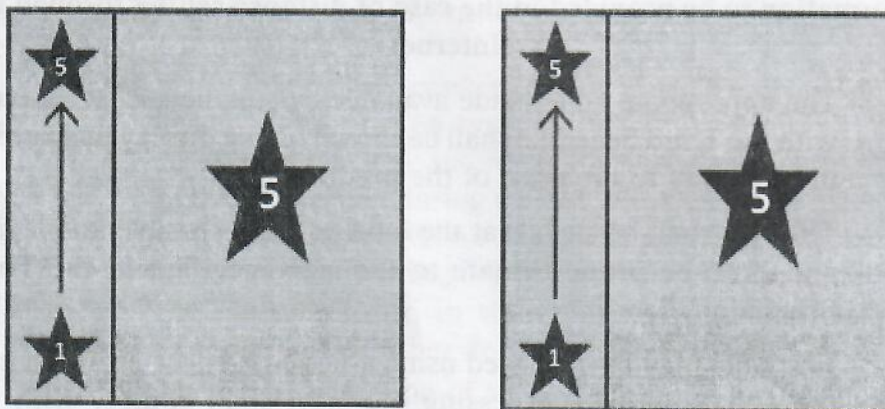


Figure 2: Coloured Star-Rating with range of Energy Efficiency ratings indicated

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

6. In the case of a nested display, the sequence of display of the label shall be as follows:
- (a) the image referred to in paragraph 5 of this Part shall be shown on the display mechanism in proximity to the price of the product;
 - (b) the image shall link to the label set out in the Third Schedule;
 - (c) the label shall be displayed after a mouse click, mouse roll-over or tactile screen expansion on the image;
 - (d) the label shall be displayed by pop up, new tab, new page or inset screen display;
 - (e) for magnification of the label on tactile screens, the device conventions for tactile magnification shall apply;
 - (f) the label shall cease to be displayed by means of a close option or other standard closing mechanism; and
 - (g) the alternative text for the graphic, to be displayed on failure to display the label, shall be the energy efficiency class of the product in a font size equivalent to that of the price.
7. The electronic Product Information Sheet made available by suppliers in accordance with subregulation (2) of regulation 26 shall be shown on the display mechanism in proximity to the price of the product. The size shall be such that the Product Information Sheet is clearly visible and legible. The Product Information Sheet may be displayed using a nested display or by referring to the product database, in which case the link used for accessing the Product Information Sheet shall clearly and legibly indicate 'Product Information Sheet'. If a nested display is used, the Product Information Sheet shall appear on the first mouse click, mouse roll-over or tactile screen expansion on the link.

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

FIFTH SCHEDULE

(regulation 33(2))

VERIFICATION PROCEDURE FOR MARKET SURVEILLANCE

1. The verification tolerances set out in this Schedule relate only to the verification of the declared parameters by the Commission and the Standards Authority and shall not be used by the supplier as an allowed tolerance to establish the values in the technical documentation.
2. The values and classes on the label or in the Product Information Sheet shall not be more favourable for the supplier than the values reported in the technical documentation.
3. Where a model has been designed to be able to detect that the model is being tested, by recognising the test conditions or test cycle, and to react specifically by automatically altering the performance of the model during the test with the objective of reaching a more favourable level for any of the parameters specified in these Regulations or included in the technical documentation or in any of the documentation provided, the model and all equivalent models shall be considered not compliant.
4. When verifying the compliance of a product model with the requirements laid down in these Regulations, the Commission and the Standards Authority shall apply the following procedure:
 - (a) The Commission and the Standards Authority shall verify one single unit of the model;
 - (b) The model of the electric rice cooker shall be considered to comply with the provisions set out in Table 1 of the Second Schedule as applicable, to these Regulations, if energy efficiency, is not less than the declared value minus five per cent;

ENERGY COMMISSION (ENERGY EFFICIENCY STANDARDS AND LABELLING) (RICE COOKERS) REGULATIONS, 2022

- (c) The model of the electric rice cooker shall be considered to comply with the provisions set out in these Regulations, as applicable, if the measured value of the rated capacity or the actual volume of the inner pot of the rice cooker is not more than two per cent lower than the rated value declared by the supplier;
- (d) The model of the electric rice cooker shall be considered to comply with the provisions set out in these Regulations, as applicable, if the maximum sound power level does not exceed more than 2 dB(A) of the declared value;
- (e) If the result referred to in paragraph (b) or paragraph (c) is not achieved, the Standards Authority and the Commission shall randomly select three additional units of the same model for testing;
- (f) The model of the electric rice cooker shall be considered to comply with the provisions set out in the Second Schedule, if the average of the three units for the energy efficiency is not less than the declared value minus five per cent;
- (g) The model of the electric rice cooker shall be considered to comply with the provisions of these Regulations, if the average of the three units for the rated capacity or the actual volume of the inner pot of the rice cooker is not more than two per cent lower than the declared value;
- (h) The energy efficiency values shall be established in accordance with the Second Schedule; and
- (i) If the results referred to in paragraph (f) or paragraph (g) are not achieved, the model shall be considered not to comply with these Regulations.