Council of the European Union

Brussels, 2 July 2025
(OR. en)

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COVER NOTE

From:	Secretary-General of the European Commission, signed by Ms Martine DEPREZ, Director
date of receipt:	1 July 2025
To:	Ms Thérèse BLANCHET, Secretary-General of the Council of the European Union
No. Cion doc.:	C(2025) 3986 final - ANNEXES 1 to 7
Subject:	ANNEXES to the Commission Delegated Regulation (EU) .../... amending Commission Delegated Regulation (EU) 2023/2534 on household tumble dryers regarding information on repairability and clarifying some aspects of the measurements and calculation methods, the product information sheet, the technical documentation and the verification procedure

Delegations will find attached document C(2025) 3986 final - ANNEXES 1 to 7.

Encl.: C(2025) 3986 final - ANNEXES 1 to 7

EUROPEAN
COMMISSION

Brussels, 1.7.2025
C(2025) 3986 final

ANNEXES 1 to 7

ANNEXES

to the

Commission Delegated Regulation (EU) .../...

amending Commission Delegated Regulation (EU) 2023/2534 on household tumble dryers regarding information on repairability and clarifying some aspects of the measurements and calculation methods, the product information sheet, the technical documentation and the verification procedure

{SWD(2025) 167 final}

ANNEX I

Annexes I, II and III are amended as follows:

(1) in Annex I, the following points are added:

‘(27) ‘average final moisture content’ means the average of the final moisture content for the eco programme at full and at half load;

(28) ‘spare part’ means a separate part that can replace a part with the same or similar function in a household tumble dryer;

(29) ‘priority part’ means a spare part used in the calculations of the repairability index set out in Section 5 of Annex IV;

(30) ‘main printed circuit board’ means the board managing directly or indirectly the electric and electronic components integrated in the appliance;

(31) ‘disassembly’ means a process whereby a product is separated into its parts and/or components in such a way that it could subsequently be reassembled and made operational;

(32) ‘fastener’ means a hardware device or substance that mechanically, magnetically or by other means connects or fixes two or more objects, parts or pieces, including a hardware device which in addition serves an electrical function;

(33) ‘reusable fastener’ means a fastener that can be completely reused in the reassembly for the same purpose and that does no damage either the product or the fastener itself during the disassembly or reassembly process in a way that makes their multiple reuse impossible;

(34) ‘removable fastener’ means a fastener that is not a reusable fastener, but which removal does not damage the product, or leave residue, which precludes reassembly;

(35) ‘resupplied fastener’ means a removable fastener that is supplied with the spare part which it is intended to connect or fix; adhesives shall be considered resupplied fasteners if they are supplied with the spare part in a quantity that is sufficient for the reassembly;

(36) ‘step’ means an operation that finishes with the removal of a part (or bundle) or with a change of tool, including any placement of a part away from its initial location where the removal entails partial disconnection or unplugging;

(37) ‘commercially available tool’ means a tool that is available for purchase by the general public and is neither a basic tool nor a proprietary tool;

(38) ‘basic tool’ means a screwdriver for slotted heads, a screwdriver for cross recess screws, a screwdriver for hexalobular recess heads, a hexagon socket key, a combination wrench, combination pliers, combination pliers for wire stripping and terminal crimping, half round nose pliers, diagonal cutters, multigrip pliers, locking pliers, a prying lever, tweezers, magnifying glass, a spudger and a pick;

(39) ‘proprietary tool’ means tool that is not available for purchase by the general public or for which any applicable patents are not available to licence under fair, reasonable and non-discriminatory terms;

(40) ‘professional repairer’ means an operator or undertaking that provides services of repair and professional maintenance of household tumble dryers.’;

(2) in Annex II, the following Section 4 is added:

‘**4. REPAIRABILITY CLASS**

The repairability class of a household tumble dryer shall be determined on the basis of the repairability index, as set out in Table 3a. The repairability index shall be determined in accordance with Section 5 of Annex IV.

Table 3a

Repairability class

Repairability class	**Repairability index (R)**
A (most repairable)	$R > 9{,}00$
B	$7{,}00 \leq R \leq 9{,}00$
C	$5{,}00 \leq R < 7{,}00$
D	$3{,}00 \leq R < 5{,}00$
E (least repairable)	$R < 3{,}00$

’;

(3) Annex III is amended as follows:

(a) in Section A, point 1.1 is amended as follows:

(i) point V is replaced by the following:

‘V the energy efficiency class determined in accordance with Annex II;’;

(ii) points VII and VIII are replaced by the following:

‘VII condensation efficiency class determined in accordance with Annex II, with relevant pictogram and value rounded to the nearest integer and calculated in accordance with Annex IV;

VIII acoustic airborne noise emission class of the drying cycle of the eco programme, with relevant pictogram and value in dB(A), determined in accordance with Section 4 of Annex IV;’;

(iii) point 1.2 is deleted;

(b) in Section B, point 1.1 is amended as follows:

(i) point V is replaced by the following:

‘V the energy efficiency class determined in accordance with Annex II;’;

(ii) point VII is replaced by the following:

‘VII acoustic airborne noise emission class of the drying cycle of the eco programme, with relevant pictogram and value in dB(A), determined in accordance with Section 4 of Annex IV;’;

(iii) point 1.2 is deleted.

ANNEX II

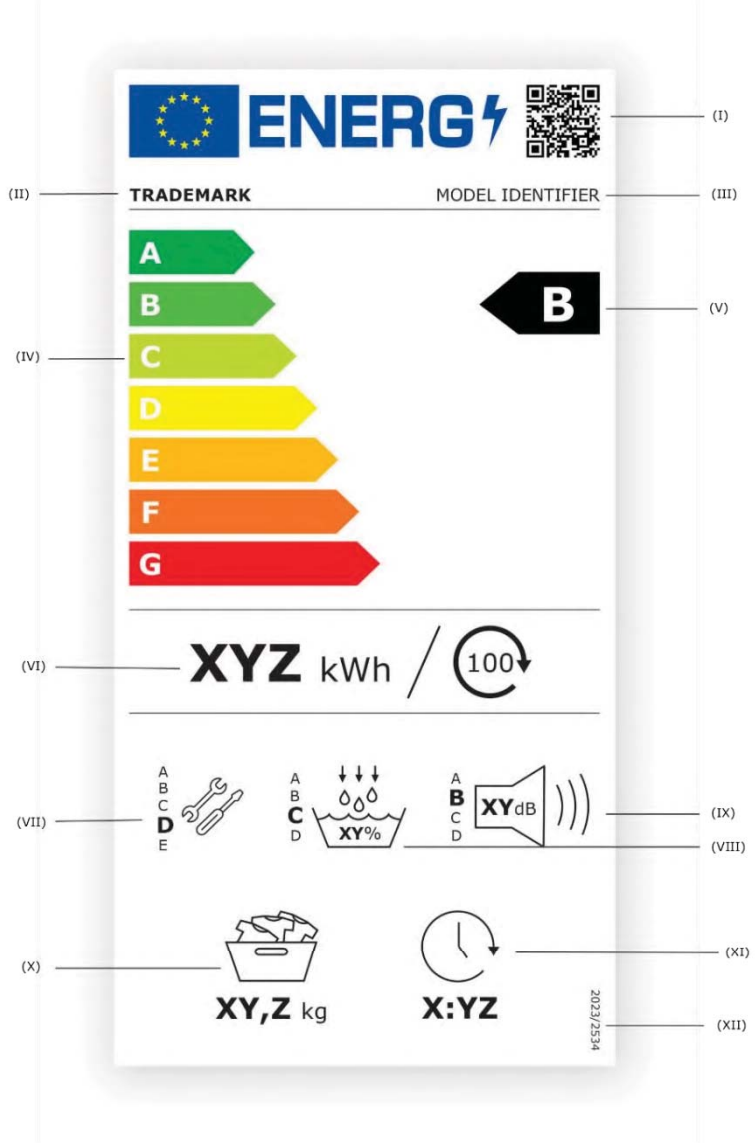
‘ANNEX IIIa

Label with repairability information

A. **Label for condenser tumble dryers with repairability class pictogram**

1. LABEL FOR CONDENSER TUMBLE DRYERS WITH REPAIRABILITY CLASS PICTOGRAM

Figure 4a



The following information shall be included in the label:

I QR code;

II trademark;

III model identifier;

IV scale of energy efficiency classes from A to G;

V the energy efficiency class determined in accordance with Annex II;

VI weighted average energy consumption per 100 drying cycles in kWh, rounded to the nearest integer and calculated in accordance with Annex IV; in case of gas-fired tumble dryers, the weighted average energy consumption (gas and electricity) per 100 drying cycles in kWh, rounded to the nearest integer and calculated in accordance with Annex IV;

VII repairability class determined in accordance with Annex II, calculated in accordance with Annex IV;

VIII condensation efficiency class determined in accordance with Annex II, with relevant pictogram and value rounded to the nearest integer and calculated in accordance with Annex IV;

IX acoustic airborne noise emission class of the drying cycle of the eco programme, with relevant pictogram and value in dB(A), determined in accordance with Section 4 of Annex IV;

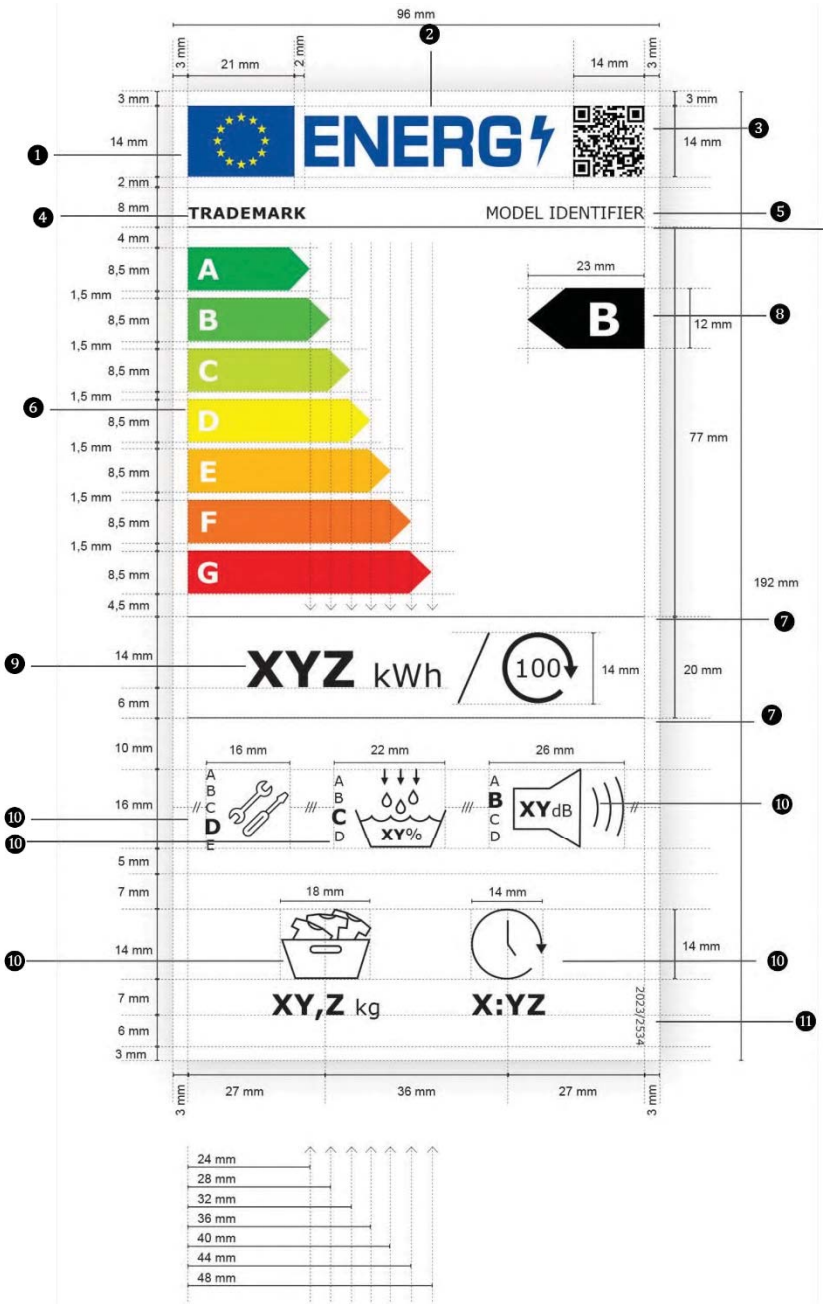
X rated capacity, in kg, for the eco programme at full load;

XI duration of the eco programme at full load in hours and minutes [h:min] rounded to the nearest minute;

XII the number of this Regulation, which is ‘2023/2534’.

2. LABEL DESIGN FOR CONDENSER TUMBLE DRYERS WITH REPAIRABILITY CLASS PICTOGRAM

Figure 4b



Whereby:

(a) the label shall be at least 96 mm wide and 192 mm high. Where the label is printed in a larger format, its content shall nevertheless remain proportionate to the specifications in Figure 4b;

(b) the background shall be 100 % white;

(c) the typeface shall be Verdana;

(d) the dimensions and specifications of the elements in the label shall be as indicated in the label designs in this Annex;

(e) colours shall be CMYK — cyan, magenta, yellow and black following this example: 0,70,100,0: 0 % cyan, 70 % magenta, 100 % yellow, 0 % black;

(f) the label shall fulfil all of the following requirements (numbers refer to Figure 4b).

❶ the colours of the EU logo shall be as follows:

- the background: 100,80,0,0;
- the stars: 0,0,100,0;

❷ the colour of the energy logo shall be: 100,80,0,0;

❸ the QR code shall be 100 % black;

❹ the trademark shall be 100 % black and in Bold 9 pt;

❺ the model identifier shall be 100 % black and in Regular 9 pt;

❻ the A to G scale shall be as follows:

(a) the letters in the arrows shall be 100 % white and in Bold 16 pt, and shall be centred on an axis at 4,5 mm from the left side of the arrows;

(b) the background colours of the arrows shall be as follows:

(i) A-class: 100,0,100,0;

(ii) B-class: 70,0,100,0;

(iii) C-class: 30,0,100,0;

(iv) D-class: 0,0,100,0;

(v) E-class: 0,30,100,0;

(vi) F-class: 0,70,100,0;

(vii) G-class: 0,100,100,0;

❼ the internal dividers shall be 80 mm wide and have a weight of 0,5 pt. The colour of the dividers shall be 100 % black;

❽ the energy efficiency class arrow shall be 100 % black. The letter inside the energy efficiency class arrow shall be 100 % white and in Bold 26 pt, and it shall be positioned in the centre of the rectangular part of the arrow. The energy efficiency class arrow and the corresponding arrow in the A to G scale shall be positioned in such a way that their tips are aligned;

❾ the value of the weighted energy consumption per 100 drying cycles shall be in Bold 28 pt; ‘kWh/’ shall be in Regular 18 pt; the number ‘100’ in the icon representing 100 drying cycles shall be in Regular 14 pt. The text shall be centred in the column and in 100 % black;

❿ the pictograms shall be as shown in the label design and as follows:

(a) the lines of the pictograms shall have a weight of 1,2 pt and they and the texts (numbers and units) shall be 100% black;

(b) the A to D scales of the condensation efficiency pictogram and of the acoustic airborne noise emission pictogram shall be aligned on a vertical axis on the left side of the icon, with the letter of the applicable class in Bold 12 pt and the other letters of the rest of the classes in Regular 8 pt;

(c) the number of the condensation efficiency pictogram shall be in Bold 9 pt and the unit in Regular 9 pt, with the number and the unit next to each other and centred inside the pictogram;

(d) the A to E scale of the repairability class pictogram shall be aligned on a vertical axis on the left side of the icon, with the letter of the applicable class in Bold 12 pt and the other letters of the rest of the classes in Regular 8 pt;

(e) the number of the acoustic airborne noise emission pictogram shall be in Bold 12 pt and the unit in Regular 9 pt, with the number and the unit next to each other and centred inside the pictogram;

(f) the number of the rated capacity pictogram shall be in Bold 16 pt and the unit in Regular 12 pt, with the number and the unit next to each other and centred under the pictogram;

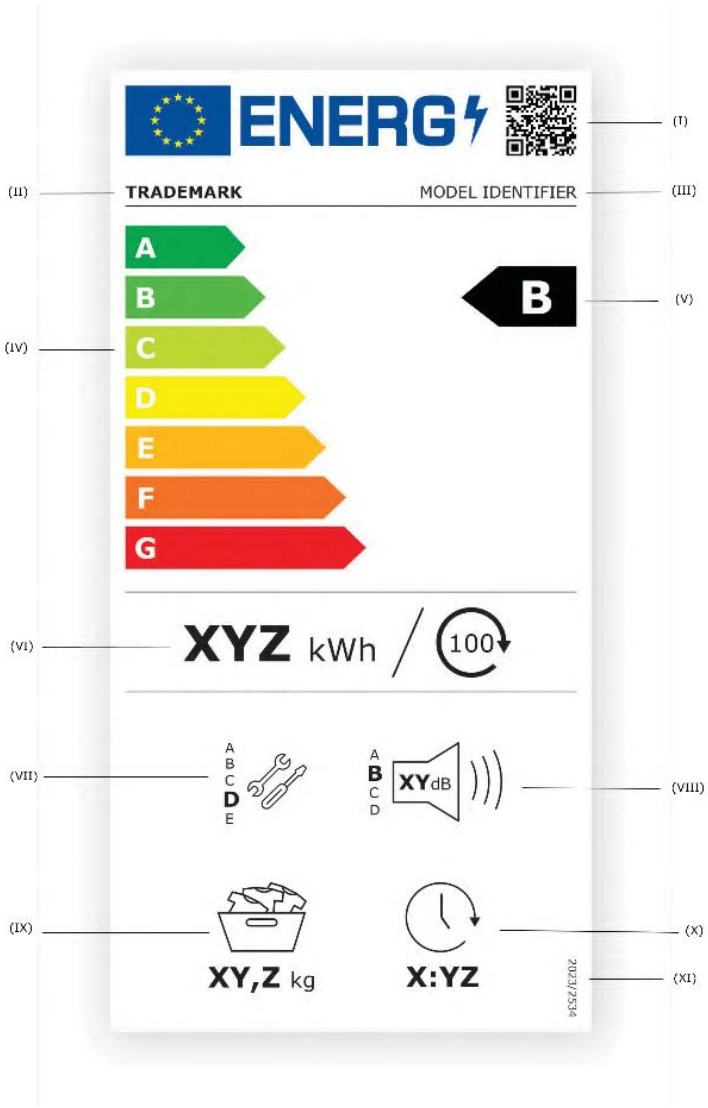
(g) the number of the duration of the eco programme pictogram shall be in Bold 16 pt and it shall be centred under the pictogram;

⓫ the number of the Regulation shall be 100 % black and in Regular 6 pt.

‘B. **Label for non-condenser tumble dryers with repairability class pictogram**

1. LABEL FOR NON-CONDENSER TUMBLE DRYERS WITH REPAIRABILITY CLASS PICTOGRAM

Figure 4c



The following information shall be included in the label:

I QR code;

II trademark;

III model identifier;

IV scale of energy efficiency classes from A to G;

V the energy efficiency class determined in accordance with Annex II;

VI weighted average energy consumption per 100 drying cycles in kWh, rounded to the nearest integer and calculated in accordance with Annex IV; in case of gas-fired tumble dryers, the weighted average energy consumption (gas and electricity) per 100 drying cycles in kWh, rounded to the nearest integer and calculated in accordance with Annex IV;

VII repairability class determined in accordance with Annex II, calculated in accordance with Annex IV;

VIII acoustic airborne noise emission class of the drying cycle of the eco programme, with relevant pictogram and value in dB(A), determined in accordance with Section 4 of Annex IV;

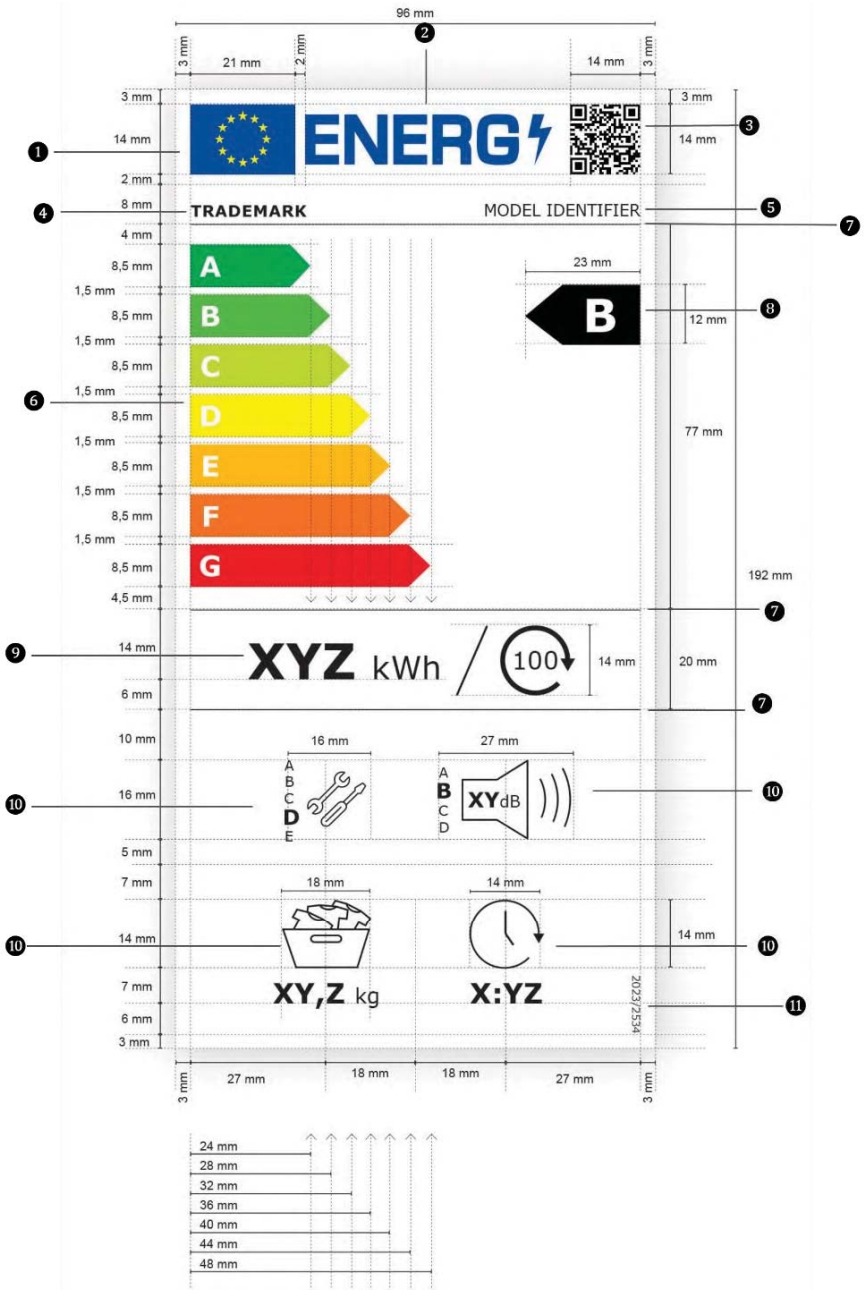
IX rated capacity, in kg, for the eco programme at full load;

X duration of the eco programme at full load in hours and minutes [h:min] rounded to the nearest minute;

XI the number of this Regulation, which is ‘2023/2534’.

2. LABEL DESIGN FOR NON-CONDENSER TUMBLE DRYERS WITH REPAIRABILITY CLASS PICTOGRAM

Figure 4d



Whereby:

(a) the label shall be at least 96 mm wide and 192 mm high. Where the label is printed in a larger format, its content shall nevertheless remain proportionate to the specifications in Figure 4d;

(b) the background shall be 100 % white;

(c) the typeface shall be Verdana;

(d) the dimensions and specifications of the elements in the label shall be as indicated in the label designs in this Annex;

(e) colours shall be CMYK — cyan, magenta, yellow and black following this example: 0,70,100,0: 0 % cyan, 70 % magenta, 100 % yellow, 0 % black;

(f) the label shall fulfil all of the following requirements (numbers refer to Figure 4d).

❶ the colours of the EU logo shall be as follows:

- the background: 100,80,0,0;
- the stars: 0,0,100,0;

❷ the colour of the energy logo shall be: 100,80,0,0;

❸ the QR code shall be 100 % black;

❹ the trademark shall be 100 % black and in Bold 9 pt;

❺ the model identifier shall be 100 % black and in Regular 9 pt;

❻ the A to G scale shall be as follows:

(a) the letters in the arrows shall be 100 % white and in Bold 16 pt, and shall be centred on an axis at 4,5 mm from the left side of the arrows;

(b) the background colours of the arrows shall be as follows:

(i) A-class: 100,0,100,0;

(ii) B-class: 70,0,100,0;

(iii) C-class: 30,0,100,0;

(iv) D-class: 0,0,100,0;

(v) E-class: 0,30,100,0;

(vi) F-class: 0,70,100,0;

(vii) G-class: 0,100,100,0;

❼ the internal dividers shall be 80 mm wide and have a weight of 0,5 pt. The colour of the dividers shall be 100 % black;

❽ the energy efficiency class arrow shall be 100 % black. The letter inside the energy efficiency class arrow shall be 100 % white and in Bold 26 pt, and it shall be positioned in the centre of the rectangular part of the arrow. The energy efficiency class arrow and the corresponding arrow in the A to G scale shall be positioned in such a way that their tips are aligned;

❾ the value of the weighted energy consumption per 100 drying cycles shall be in Bold 28 pt; ‘kWh/’ shall be in Regular 18 pt; the number ‘100’ in the icon representing 100 drying cycles shall be in Regular 14 pt. The text shall be centred in the column and in 100 % black;

❿ the pictograms shall be as shown in the label design and as follows:

(a) the lines of the pictograms shall have a weight of 1,2 pt and they and the texts (numbers and units) shall be 100 % black;

(b) the A to D scale of the acoustic airborne noise emission pictogram shall be aligned on a vertical axis on the left side of the icon, with the letter of the applicable class in Bold 12 pt and the other letters of the rest of the classes in Regular 8 pt;

(c) the A to E scale of the repairability class pictogram shall be aligned on a vertical axis on the left side of the icon, with the letter of the applicable class in Bold 12 pt and the other letters of the rest of the classes in Regular 8 pt;

(d) the number of the acoustic airborne noise emission pictogram shall be in Bold 12 pt and the unit in Regular 9 pt, with the number and the unit next to each other and centred inside the pictogram;

(e) the number of the rated capacity pictogram shall be in Bold 16 pt and the unit in Regular 12 pt, with the number and the unit next to each other and centred under the pictogram;

(f) the number of the duration of the eco programme pictogram shall be in Bold 16 pt and it shall be centred under the pictogram;

⓫ the number of the Regulation shall be 100 % black and in Regular 6 pt.’.

ANNEX III

Annexes IV and V are amended as follows:

(1) Annex IV is amended as follows:

(a) the third and fourth paragraphs are replaced by the following:

'The eco programme as identifiable on the programme selection, on the display and through the network connection, depending on the functionalities provided by the household tumble dryer, and with no further modification of the final moisture content setting, shall be used for the measurement and calculation of the EEI, the condensation efficiency, the programme duration and the airborne acoustic noise emissions. The energy consumption, condensation efficiency and program duration shall also be measured concurrently.

The calculation of the weighted energy consumption, the weighted programme duration and the condensation efficiency shall be done on the basis of three drying cycles at full load and four drying cycles at partial load.';

(b) in Section 1, point (g) is deleted;

(c) the following Section 5 is added:

'5. METHOD FOR THE CALCULATION OF THE REPAIRABILITY INDEX OF HOUSEHOLD TUMBLE DRYERS

The repairability index is an aggregated and normalised score, as a calculated value derived from four scoring parameters where:

- S_{DD} is the "Disassembly Depth" score;
- S_F is the "Fasteners (type)" score;
- S_T is the "Tools (type)" score;
- S_{RI} is the "Repair Information" score.

The Repairability Index (R) shall be calculated as follows:

$$R = 0{,}450 \times S_{DD} + 0{,}225 \times S_F + 0{,}225 \times S_T + 0{,}100 \times S_{RI}$$

and rounded to two decimal places.

The "Disassembly Depth" (S_{DD}), "Fasteners (type)" (S_F) and "Tools (type)" (S_T) scores are based on the aggregation of the following priority parts level scores:

- *WP* is the water pump;
- *B* is the drum bearing;
- *DB* is the drum belt;
- *D* is the door;
- *M* is the motor;
- *MB* is the main printed circuit board;
- *F* is the fan;
- *MC* is the motor capacitor.

If any of the priority parts listed above is present in a product more than once, only the one which delivers the lowest score shall be considered in the calculation of the "Disassembly Depth" (S_{DD}), "Fasteners (type)" (S_F) and "Tools (type)" (S_T) scores. If one or more priority parts are not present in the product, those priority parts shall be removed from the formula of the scoring parameters where they appear. In addition, the coefficients of the remaining priority parts in the formula of each scoring parameter shall be divided by the complementary to 1 of the sum of the coefficients corresponding to the priority parts not present in the product, so that the sum of the remaining coefficients shall always be 1.

S_{DD}, S_F and S_T shall be calculated on the basis of the description of the disassembly steps, the fasteners and the tools needed for each priority part.

The assessment of the repairability index, specifically S_{DD}, S_F and S_T shall start on a product that is:

– maintained as required in the user manual for daily use;

– fully assembled;

– standing, all side panels and the appliance cover freely accessible;

– disconnected from any supply and disposal.

After the assessment the product shall be fully reassembled.

5.1. The "Disassembly Depth" (S_{DD}) score shall be calculated as follows:

$$S_{DD} = DD_{WP} \times 0,14 + DD_B \times 0,09 + DD_{DB} \times 0,25 + DD_D \times 0,08 + DD_M \times 0,05 + DD_{MB} \times 0,28 + DD_F \times 0,05 + DD_{MC} \times 0,06$$

Disassembly Depth (DD) assessment at part level

The Disassembly Depth score (DD_i) for each priority part (DD_{WP}, DD_B, DD_{DB}, DD_D, DD_M, DD_{MB}, DD_F, DD_{MC}) shall be set on the basis of the number of steps required to remove the priority part from the product (DD) with respect to the mean number of disassembly steps (MDS) for that priority part without damaging the product. MDS for each priority part is as follows:

- water pump: 16,1 steps;
- drum bearing: 18,9 steps;
- drum belt: 40,9 steps;
- door: 3 steps;
- motor: 49,4 steps;
- main printed circuit board: 13,7 steps;
- fan: 7,7 steps;
- motor capacitor: 24,9 steps.

Points ranging from 0 to 10 are assigned to DD_i for each priority part as follows:

- if $DD \leq 0{,}70 \times MDS$, $DD_i = 10$ pt;
- if $0{,}70 \times MDS < DD \leq 0{,}90 \times MDS$, $DD_i = 7$ pt;
- if $0{,}90 \times MDS < DD \leq 1{,}10 \times MDS$, $DD_i = 4$ pt;
- if $1{,}10 \times MDS < DD \leq 1{,}30 \times MDS$, $DD_i = 1$ pt;
- if $DD > 1{,}30 \times MDS$, $DD_i = 0$ pt.

For the calculation of *DD*, the following rules shall apply:

- the step count for the disassembly of each priority part is completed when the target priority part is separated and individually accessible. When the target priority part is part of an assembly or bundle of parts, implying firstly the removal of the assembly or the bundle, the end of the disassembly process takes place when the target priority part is separated and individually accessible;
- fasteners are not considered as a part;
- if, after the disassembly of a priority part, the disassembly of a further part requires partly the same disassembly steps, the disassembly of this part may start with the first step that is different. However, *DD* for that part shall be the total number of steps calculated from a fully assembled product;
- where multiple tools need to be used simultaneously, the use of each tool counts as a separate step. To grab a tool, to put a tool down and to remove a fastener are not considered the end of a step. The hand shall not be considered as a tool;
- operations related to cleaning, removing traces or heating are counted as steps;
- *DD* shall be calculated on the basis of the description of the disassembly steps for each priority part given in the technical documentation;
- where remote notification or authorisation of serial numbers is necessary for the full functionality of the priority part, *DDi* shall be zero.

5.2. The Fasteners type score (S_F) is calculated as follows:

$$S_F = F_{WP} \times 0,14 + F_B \times 0{,}09 + F_{DB} \times 0{,}25 + F_D \times 0{,}08 + F_M \times 0{,}05 + F_{MB} \times 0{,}28 + F_F \times 0{,}05 + F_{MC} \times 0{,}06$$

Fasteners (type) (*F*) assessment at part level

The "Fasteners (type)" scores (F_i) for each priority part (F_{WP}, F_B, F_{DB}, F_D, F_M, F_{MB}, F_F, F_{MC}) are assigned according to the level of removability and reusability of the fasteners used in the device assembly. Points ranging from 0 to 10 are assigned to F_i for each priority part as follows:

- reusable fasteners F_i = 10 pt;
- resupplied fasteners at no cost, F_i = 7 pt;
- resupplied fasteners at additional costs, F_i = 4 pt;
- removable fasteners, F_i = 0 pt.

The identification of the type of fasteners is based on the description of each fastener type for the disassembly process to remove the specific priority part given in the technical documentation.

In case different types of fasteners are encountered in the disassembly of a priority part, the lowest score shall be considered.

5.3. The Tools type score (S_T) shall be calculated as follows:

$$S_T = T_{WP} \times 0,14 + T_B \times 0,09 + T_{DB} \times 0,25 + T_D \times 0,08 + T_M \times 0,05 + T_{MB} \times 0,28 + T_F \times 0,05 + T_{MC} \times 0,06$$

Tools type (T) assessment at part level

The Tools type scores (T_i) for each priority part i (T_{WP}, T_B, T_{DB}, T_D, T_M, T_{MB}, T_F, T_{MC}) are assigned according to the complexity and availability of the tools needed for its replacement. Points ranging from 0 to 10 are assigned to T_i for each priority part as follows:

- replacement possible with basic tools or without a tool, T_i = 10 pt;
- replacement possible with tools supplied with the spare part, T_i = 5 pt;
- replacement possible with commercially available tools, T_i = 0 pt.

The assessment of the type of tools is based on the disassembly process to remove the specific priority part given in the technical documentation.

Where different types of tools are needed for the disassembly of a priority part, the lowest score shall be considered.

5.4 Repair Information (*RI*) assessment at product level

The Repair Information score (S_{RI}) for the repair and maintenance information in point 5(1)(b) of Annex II of Regulation 2023/2533 shall be calculated at product level as follows:

- availability of repair information at no cost for professional repairers, S_{RI} = 10 pt;
- availability of repair information with a reasonable and proportionate fee for professional repairers, S_{RI} = 0 pt.

A fee shall be considered reasonable if it does not discourage access to repair information by failing to take into account the extent to which the professional repairer uses the information.';

(2) Annex V is amended as follows:

(a) the first subparagraph is replaced by the following:

‘Pursuant to Article 3(1), point (a)(ii), until 31 December 2026 the supplier shall enter the information into the product database as set out in Table 4. However, in accordance with Article 3(1a), suppliers may enter the information required in Table 4a of Annex Va into the product database from *[OP - please insert date of entry into force of this Regulation]* instead of the information required in Table 4.’;

(b) Table 4 is replaced by the following:

‘

Table 4

Content, order and format of the product information sheet

<table>
<tr><td colspan="6">Trademark ([a]) ([c]):</td></tr>
<tr><td colspan="6">Model identifier ([a]):</td></tr>
<tr><td colspan="2">Technology of tumble dryer</td><td colspan="4">[electric air-vented, electric heat pump condenser, electric conventional condenser, gas-fired]</td></tr>
<tr><td colspan="6">General product parameters:</td></tr>
<tr><td>Parameter</td><td colspan="2">Value</td><td>Parameter</td><td colspan="2">Value</td></tr>
<tr><td rowspan="3">Rated capacity ([b]) (kg)</td><td colspan="2" rowspan="3">x,x</td><td rowspan="3">Dimensions ([a]) ([c]) (cm)</td><td>Height</td><td>x</td></tr>
<tr><td>Width</td><td>x</td></tr>
<tr><td>Depth</td><td>x</td></tr>
<tr><td>Energy Efficiency Index (EEI) ([b])</td><td colspan="2">x,x</td><td>Energy efficiency class ([b])</td><td colspan="2">[A/B/C/D/E/F/G] ([d])</td></tr>
<tr><td>Condensation efficiency (%) ([b])
(if applicable)</td><td colspan="2">xx</td><td>Condensation efficiency class (if applicable) ([b])</td><td colspan="2">[A/B/C/D] ([d])</td></tr>
<tr><td>Weighted energy consumption in kWh per drying cycle ([h]). Actual energy consumption will depend on how the appliance is used.</td><td colspan="2">x,xx</td><td></td><td colspan="2"></td></tr>
<tr><td rowspan="2">Programme duration ([b]) (hours:minutes)</td><td>Rated capacity</td><td>x:xx</td><td rowspan="2">Type</td><td colspan="2" rowspan="2">[built-in/free-standing]</td></tr>
<tr><td>Half</td><td>x:xx</td></tr>
</table>

Acoustic airborne noise emission ([b]) (dB(A) re 1 pW)	x	Acoustic airborne noise emission class([b])	[A/B/C/D] ([d])
Off-mode (if applicable) (W)	x,xx	Standby mode (if applicable) (W)	x,xx
Delay start (W) (if applicable)	x,xx	Networked standby (W) (if applicable)	x,xx
For household tumble dryers equipped with a heat pump, the chemical name or the accepted industry designation of the refrigerant gas used, without prejudice to Regulation (EU) No 517/2014 on fluorinated greenhouse gases ([1]) ([a]) ([c]).			
Weblink to information on spare parts availability for professional repairers and end users ([a]) ([c]) ([e])			https://xxx
Weblink to repair instructions for end-users ([a]) ([c]) ([f])			https://xxx
Weblink to indicative pre-tax prices ([a]) ([c]) ([g])			https://xxx
Minimum duration of the commercial guarantee offered by the supplier ([a]) ([c]) (months)			
Additional information ([c])			
Link to the supplier's website, where the information in point 6 of Annex II to Commission Regulation (EU) 2023/2533 ([c]) ([2]) is found:			

([1]) Regulation (EU) No 517/2014 of the European Parliament and of the Council of 16 April 2014 on fluorinated greenhouse gases and repealing Regulation (EC) No 842/2006 (OJ L 150, 20.5.2014, p. 195, ELI: http://data.europa.eu/eli/reg/2014/517/oj).

([2]) Commission Regulation (EU) 2023/2533 of 17 November 2023 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for household tumble dryers, amending Commission Regulation (EU) 2023/826, and repealing Commission Regulation (EU) No 932/2012 (OJ L, 2023/2533, 22.11.2023, ELI: http://data.europa.eu/eli/reg/2023/2533/oj).

([a]) This item shall not be considered relevant for the purpose of Article 2(6) of Regulation (EU) 2017/1369.

([b]) For the eco programme.

([c]) Changes to those items shall not be considered relevant for the purpose of Article 4(4) of Regulation (EU) 2017/1369.

([d]) If the product database automatically generates the definitive content of that cell the supplier shall not enter those data.

([e]) The suppliers' obligation is to include the link to the webpage where the relevant information will be available. Effective access to the website is nevertheless to be granted in

accordance with the timeline and provisions laid down in point 5(1)(b) of Annex II to Regulation (EU) 2023/2533.

([f]) The suppliers' obligation is to include the link to the webpage where the relevant information will be available. Effective access to the website is nevertheless to be granted in accordance with the timeline and provisions laid down in point 5(1)(d) of Annex II to Regulation (EU) 2023/2533.

([g]) The suppliers' obligation is to include the link to the webpage where the relevant information will be available. Effective access to the website is nevertheless to be granted in accordance with the timeline and provisions laid down in point 5(1)(f) of Annex II to Regulation (EU) 2023/2533.

([h]) For gas-fired tumble dryers calculated as the weighted average energy consumption per 100 drying cycles in accordance with Section 1, point (f), of Annex IV of this Regulation, divided by 100.

'.

ANNEX IV

‘ANNEX Va

Product information sheet with repairability information

Pursuant to Article 3(1), point (c)(ii), from 1 January 2027 the supplier shall enter the information as set out in Table 4a into the product database. However, in accordance with Article 3(1a) of this Regulation, suppliers may enter the information required in Table 4a into the product database from *[OP - please insert date of entry into force of this Regulation]* instead of the information required in Table 4 of Annex V to this Regulation.

The user manual or other literature provided with the product shall clearly indicate the link to the model in the product database as a human-readable Uniform Resource Locator (URL) or as a QR code or by providing the product registration number.

Table 4a

Content, order and format of the product information sheet

<table>
<tr><td colspan="6">Trademark ([a]) ([c]):</td></tr>
<tr><td colspan="6">Model identifier ([a]):</td></tr>
<tr><td colspan="2">Technology of tumble dryer</td><td colspan="4">[electric air-vented, electric heat pump condenser, electric conventional condenser, gas-fired]</td></tr>
<tr><td colspan="6">General product parameters:</td></tr>
<tr><td>Parameter</td><td colspan="2">Value</td><td>Parameter</td><td colspan="2">Value</td></tr>
<tr><td rowspan="3">Rated capacity ([b]) (kg)</td><td rowspan="3" colspan="2">x,x</td><td rowspan="3">Dimensions ([a]) ([c]) (cm)</td><td>Height</td><td>x</td></tr>
<tr><td>Width</td><td>x</td></tr>
<tr><td>Depth</td><td>x</td></tr>
<tr><td>Energy Efficiency Index (EEI) ([b])</td><td colspan="2">x,x</td><td>Energy efficiency class ([b])</td><td colspan="2">[A/B/C/D/E/F/G] ([d])</td></tr>
<tr><td>Condensation efficiency (%) ([b])
(if applicable)</td><td colspan="2">xx</td><td>Condensation efficiency class (if applicable) ([b])</td><td colspan="2">[A/B/C/D] ([d])</td></tr>
<tr><td>Weighted energy consumption in kWh per drying cycle ([h]). Actual energy consumption will depend on how the appliance is used.</td><td colspan="2">x,xx</td><td></td><td colspan="2"></td></tr>
<tr><td>Programme duration</td><td>Rated</td><td>x:xx</td><td>Type</td><td colspan="2">[built-in/free-</td></tr>
</table>

([b]) (hours:minutes)	capacity			standing]
	Half	x:xx		
Acoustic airborne noise emission ([b]) (dB(A) re 1 pW)	x		Acoustic airborne noise emission class([b])	[A/B/C/D] ([d])
Off-mode (if applicable) (W)	x,xx		Standby mode (if applicable) (W)	x,xx
Delay start (W) (if applicable)	x,xx		Networked standby (W) (if applicable)	x,xx
For household tumble dryers equipped with a heat pump, the chemical name or the accepted industry designation of the refrigerant gas used, without prejudice to Regulation (EU) No 517/2014 on fluorinated greenhouse gases ([1]) ([a]) ([c]).				

Repairability information:

Repairability Class (based on the index below)	[A/B/C/D/E] ([d])
Repairability Index ([a])	x,xx
Disassembly Depth (S_{DD}) score ([a]) ([c])	x,xx
Fasteners type score (S_F) ([a]) ([c])	x,xx
Tools type score (S_T) ([a]) ([c])	x,xx
Repair information score (S_{RI}) ([a]) ([c])	x,xx
Weblink to information on spare parts availability for professional repairers and end users ([a]) ([c]) ([e])	https://xxx
Weblink to repair instructions for end-users ([a]) ([c]) ([f])	https://xxx
Weblink to indicative pre-tax prices ([a]) ([c]) ([g])	https://xxx
Minimum duration of the commercial guarantee offered by the supplier ([a]) ([c]) (months)	
Additional information ([c])	

Link to the supplier's website, where the information in point 6 of Annex II to Commission Regulation (EU) 2023/2533 ([c]) ([2]) is found:

([1]) Regulation (EU) No 517/2014 of the European Parliament and of the Council of 16 April 2014 on fluorinated greenhouse gases and repealing Regulation (EC) No 842/2006 (OJ L 150, 20.5.2014, p. 195, ELI: http://data.europa.eu/eli/reg/2014/517/oj).

([2]) Commission Regulation (EU) 2023/2533 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for household tumble dryers, amending Commission Regulation (EU) 2023/826, and repealing Commission Regulation (EU) No 932/2012 (OJ L, 2023/2533, 22.11.2023, ELI: http://data.europa.eu/eli/reg/2023/2533/oj).

([a]) This item shall not be considered relevant for the purpose of Article 2(6) of Regulation (EU) 2017/1369.

([b]) For the eco programme.

([c]) Changes to those items shall not be considered relevant for the purpose of Article 4(4) of Regulation (EU) 2017/1369.

([d]) If the product database automatically generates the definitive content of that cell the supplier shall not enter those data.

([e]) The suppliers' obligation is to include the link to the webpage where the relevant information will be available. Effective access to the website is nevertheless to be granted in accordance with the timeline and provisions laid down in point 5(1)(b) of Annex II to Regulation (EU) 2023/2533.

([f]) The suppliers' obligation is to include the link to the webpage where the relevant information will be available. Effective access to the website is nevertheless to be granted in accordance with the timeline and provisions laid down in point 5(1)(d) of Annex II to Regulation (EU) 2023/2533.

([g]) The suppliers' obligation is to include the link to the webpage where the relevant information will be available. Effective access to the website is nevertheless to be granted in accordance with the timeline and provisions laid down in point 5(1)(f) of Annex II to Regulation (EU) 2023/2533.

([h]) For gas-fired tumble dryers calculated as the weighted average energy consumption per 100 drying cycles in accordance with Section 1, point (f), of Annex IV of this Regulation, divided by 100.

'.

ANNEX V

Annex VI is amended as follows:

(1) point 1 is amended as follows:

(a) in the first subparagraph, the introductory wording is replaced by the following:

'For electric household tumble dryers, the technical documentation referred to in Article 3(1), point (b)(i), shall include the following information:';

(b) point (g) is replaced by the following:

'(g) the values for the technical parameters set out in Table 5 for the eco programme, which are considered as the declared values for the purpose of the verification procedure set out in Annex IX.';

(2) in Table 5, the header is replaced by the following:

'

Table 5

Declared technical parameters for electric household tumble dryers';

(3) in point 2, the first subparagraph is replaced by the following:

'For gas-fired tumble dryers, the technical documentation referred to Article 3(1), point (b)(i), shall include the information listed in paragraph 1, points (a) to (f) of this Annex, and the information set out in Table 6 for the eco programme. The values in Table 6 are considered as the declared values for the purpose of the verification procedure in Annex IX.'.

(4) Table 6 is amended as follows:

(a) the header is replaced by the following:

'

Table 6

Declared technical parameters for gas-fired household tumble dryers';

(b) the fourth row on the gas consumption of the eco programme at partial load is replaced by the following:

'

Gas consumption of the eco programme at partial load ($E_{gdry,½}$)	kWh/drying cycle	X,XX

';

(c) the tenth, eleventh and twelfth rows on the programme duration for the eco programme are replaced by the following:

'

Programme duration for the eco programme at full load (T_{dry})	h:min	X:XX

Programme duration for the eco programme at partial load ($T_{dry½}$)	h:min	X:XX
Weighted programme duration for the eco programme (T_t)	h:min	X:XX

’;

(5) point 3 is replaced by the following:

‘Where the information included in the technical documentation for a particular household tumble dryer has been obtained:

(a) from a model that has the same technical characteristics relevant for the technical information to be provided but is produced by a different supplier,

(b) by calculation on the basis of design or extrapolation from another model of the same or a different supplier,

the technical documentation shall include the details of the calculation, the assessment undertaken by suppliers to verify the accuracy of the calculation and, where appropriate, the declaration of identity between the models of different suppliers.’.

ANNEX VI

‘ANNEX VIa

Technical documentation with repairability information

1. For electric household tumble dryers, the technical documentation referred to in Article 3(1), point (c)(iii), shall include the following information:

   (a) a general description of the model allowing it to be unequivocally and easily identified;

   (b) references to the harmonised standards applied or other measurement standards used;

   (c) specific precautions to be taken when the model is assembled, installed, maintained or tested;

   (d) the details and the results of calculations performed in accordance with Annex IV;

   (e) testing conditions, where they are not described sufficiently in the references provided pursuant to point (b) of this section;

   (f) equivalent models, if any, including model identifiers;

   (g) the values for the technical parameters set out in Table 6a for the eco programme, which are considered as the declared values for the purpose of the verification procedure set out in Annex IX;

   (h) a description of the disassembly steps for each priority part listed in Section 5 of Annex IV, including the tool(s) and fastener(s) needed at each step, if any;

   (i) the repair and maintenance information laid down in point 5(3)(e) of Annex II to Regulation (EU) 2023/2533.

   The information provided pursuant to points (a) to (g) shall constitute the mandatory specific parts of the technical documentation that the supplier is to enter into the product database, pursuant to Article 12(5) of Regulation (EU) 2017/1369.

Table 6a

Declared technical parameters for electric household tumble dryers

PARAMETER	UNIT	VALUE
Rated capacity for the eco programme, at 0,5 kg intervals *(c)*	kg	X,X
Energy consumption of the eco programme at full load (E_{dry})	kWh/drying cycle	X,XX
Energy consumption of the eco programme at partial load ($E_{dry,½}$)	kWh/drying cycle	X,XX
Weighted energy consumption of the eco programme (E_{tC})	kWh/drying cycle	X,XX

Standard energy consumption of the eco programme (SE_C)	kWh/drying cycle	X,XX
Energy Efficiency Index (*EEI*)	-	X,X
Programme duration for the eco programme at full load (T_{dry})	h:min	X:XX
Programme duration for the eco programme at partial load ($T_{dry½}$)	h:min	X:XX
Weighted programme duration for the eco programme (T_t)	h:min	X:XX
Average condensation efficiency of the eco programme at full load (C_{dry}) (if applicable)	%	XX
Average condensation efficiency of the eco programme at partial load ($C_{dry½}$) (if applicable)	%	XX
Weighted condensation efficiency of the eco programme (C_t) (if applicable)	%	XX
Acoustic airborne noise emission during the eco programme	dB(A) with respect to 1 pW	X
Power consumption in off mode (P_o) (if applicable)	W	X,XX
Power consumption in standby mode (P_{sm}) (if applicable)	W	X,XX
Does 'standby mode' include the display of information?	-	Yes/No
Power consumption in 'standby mode' in condition of networked standby (P_{nsm}) (if applicable)	W	X,XX
Power consumption in delay start (P_{ds}) (if applicable)	W	X,XX
Repairability Index	-	X,XX

2. For gas-fired tumble dryers, the technical documentation referred to in Article 3(1) point (c)(iii), shall include the information listed in paragraph 1, points (a) to (f), (h) and (i) of this Annex, and the information set out in Table 6b for the eco programme. The values in Table 6b are considered as the declared values for the purpose of the verification procedure in Annex IX.

   The information provided pursuant to the first subparagraph of this point, except points (h) and (i), shall constitute the mandatory specific parts of the technical documentation that the supplier is to enter into the database, pursuant to Article 12(5) of Regulation (EU) 2017/1369.

Table 6b

Declared technical parameters for gas-fired household tumble dryers

PARAMETER	UNIT	VALUE
Rated capacity for the eco programme, at 0,5 kg intervals *(c)*	kg	X,X
Gas consumption of the eco programme at full load (E_{gdry})	kWh/drying cycle	X,XX
Gas consumption of the eco programme at partial load ($E_{gdry,½}$)	kWh/drying cycle	X,XX
Auxiliary electricity consumption of the eco programme at full load	kWh/drying cycle	X,XX
Auxiliary electricity consumption of the eco programme at partial load	kWh/drying cycle	X,XX
Weighted energy consumption of the eco programme (E_{tC})	kWh/drying cycle	X,XX
Standard energy consumption of the eco programme (SE_C)	kWh/drying cycle	X,XX
Energy Efficiency Index (*EEI*)	-	X,X
Programme duration for the eco programme at full load (T_{dry})	h:min	X:XX
Programme duration for the eco programme at partial load ($T_{dry½}$)	h:min	X:XX
Weighted programme duration for the eco programme (T_t)	h:min	X:XX
Acoustic airborne noise emission during the eco programme	dB(A) re 1 pW	X
Power consumption in off mode (P_o) (if applicable)	W	X,XX
Power consumption in standby mode (P_{sm}) (if applicable)	W	X,XX
Does ‘standby mode’ include the display of information?	-	Yes/No
Power consumption in standby mode in condition of networked standby (P_{nsm}) (if applicable)	W	X,XX

Power consumption in ‘delay start’ (P_{ds}) (where applicable)	W	X,XX
Repairability Index	-	X,XX

3. Where the information included in the technical documentation for a particular household tumble dryer has been obtained:

(j) from a model that has the same technical characteristics relevant for the technical information to be provided but is produced by a different supplier,

(k) by calculation on the basis of design or extrapolation from another model of the same or a different supplier,

the technical documentation shall include the details of the calculation, the assessment undertaken by suppliers to verify the accuracy of the calculation and, where appropriate, the declaration of identity between the models of different suppliers.’.

ANNEX VII

Annexes VII, VIII, IX and X are amended as follows:

(1) in Annex VII, points 1 and 2 are replaced by the following:

‘1. In visual advertisements, for the purposes of ensuring conformity with the requirements laid down in Article 3(1), point (d)(i), and in Article 4, point (c), the energy efficiency class and the range of energy efficiency classes available on the label shall be shown as set out in point 4 of this Annex.

2. In technical promotional material, for the purposes of ensuring conformity with the requirements laid down in Article 3(1), point (d)(ii), and in Article 4, point (d), the energy efficiency class and the range of energy efficiency classes available on the label shall be shown as set out in point 4 of this Annex.’;

(2) Annex VIII is amended as follows:

(a) point 1 is replaced by the following:

‘1. The appropriate label made available by suppliers in accordance with Article 3(1), points (b)(ii) or (c)(iv), as applicable, shall be shown on the display mechanism in proximity to the price of the product if the price is shown, and in all other cases in proximity to the name or the picture of the product. The size shall be such that the label is clearly visible and legible and shall be proportionate to the size specified in Annex III or IIIa, as applicable. 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 point 2 of this Annex. If nested display is applied, the label shall appear on the first mouse click, mouse roll-over or tactile screen expansion on the image.’;

(b) point 3(b) is replaced by the following:

‘(b) the image shall link to the label set out in Annex III or in Annex IIIa, as applicable;’;

(c) point 4 is replaced by the following:

‘4. The electronic product information sheet made available by the supplier in accordance with Article 3(1), points (b)(iii) or (c)(v), as applicable, shall be shown on the display mechanism in proximity to the price of the product if the price is shown, and in all other cases in proximity to the name or the picture 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.’;

(3) Annex IX is amended as follows:

(a) point 1 is replaced by the following:

‘1. The verification tolerances set out in Table 8 relate only to the verification of the declared values by Member State authorities and

shall not be used by the supplier as an allowed tolerance to establish these values in the technical documentation or in interpreting these values with a view to achieving compliance or to communicate better performance by any means.';

(b) point 4(b)(iii) is replaced by the following:

'(iii) the determined values, that is to say the values of the relevant parameters as measured in testing and the values calculated from these measurements, comply with:

(a) the validity criteria set out in Table 7;

(b) the respective verification tolerances set out in Table 8.';

(c) point 6 is replaced by the following:

'6. Where the result referred to in point 4(b)(iii) is not achieved, the Member State authorities shall select three additional units of the same model for testing. As an alternative, the three additional units selected may be of one or more equivalent models. Concerning the repairability index, if the result referred to in point 4(b)(iii) is not achieved, the Member State authorities shall select one additional unit of the same model for testing.';

(d) points 8 and 9 are replaced by the following:

'8. The model shall be considered to comply with the applicable requirements where for the three units referred to in point 6, the arithmetic mean of the determined values complies with the respective verification tolerances set out in Table 8, except for the result of the repairability index, where the model shall be considered to comply with the applicable requirements where for the additional unit referred to in point 6, the determined value complies with the respective tolerance set out in Table 8.

9. Where the result referred to in point 8 is not achieved, the model and all equivalent models shall be considered not in compliance with this Regulation, except for the result of the repairability index, where the model shall be considered not in compliance with this Regulation.';

(e) point 12 is replaced by the following:

'12. The Member State authorities shall only apply the validity criteria set out in Table 7 and the verification tolerances set out in Table 8 and shall only use the procedure set out in points 1 to 9 for the requirements referred to in this Annex. For the parameters set out in Tables 7 and 8, no other validity criteria or verification tolerances, such as those set out in harmonised standards or in any other measurement method, shall be applied.';

(f) Table 7 is replaced by the following:

'

Table 7 - Validity criteria

Parameter	**Validity criteria**
Average final moisture content of the eco	The determined value shall be measured and calculated and be lower than 1,5 %.

programme μ_t	

’;

(g) the following Table 8 is added:

‘

Table 8 - Verification tolerances

Parameter	**Verification tolerances**
E_{dry} and $E_{dry½}$	The determined value (*) shall not exceed the declared value of E_{dry} and $E_{dry½}$ by more than 6 %.
Eg_{dry} and $Eg_{dry½}$	The determined value (*) shall not exceed the declared value of Eg_{dry} and $Eg_{dry½}$ by more than 6 %.
$Eg_{dry,a}$ and $Eg_{dry½,a}$	The determined value (*) shall not exceed the declared value of $Eg_{dry,a}$ and $Eg_{dry½,a}$ by more than 6 %.
C_t	The determined value (*) shall not be less than the declared value of C_t by more than 6 %.
T_{dry} and $T_{dry½}$	The determined value (*) shall not exceed the declared value of T_{dry} and $T_{dry½}$ by more than 6 %.
P_o	The determined value (*) shall not exceed the declared value by more than 0,10 W.
P_{sm}	The determined value (*) shall not exceed the declared value by more than 10 % if the declared value is higher than 1,00 W, or by more than 0,10 W if the declared value is lower than or equal to 1,00 W.
P_{ds}	The determined value (*) shall not exceed the declared value by more than 10 % where the declared value is higher than 1,00 W, or by more than 0,10 W if the declared value is lower than or equal to 1,00 W.
Acoustic airborne noise emissions	The determined value (*) shall not exceed the declared value by more than 2 dB with respect to 1 pW.
Repairability index	The determined value shall not be less than the declared value by more than 4%.
(*) Where three additional units are tested in accordance with point (6), the determined value means the arithmetic mean of the values determined for those three additional units.	

’;

(4) Annex X is amended as follows:

(a) in the first paragraph, the introductory wording is replaced by the following:

‘Following the measurement and calculation methods set out in Annex IV, each drum of a multi-drum household tumble dryer shall be supplied with a label complying with the requirements set out in Annexes II and III or IIIa, as applicable. Those requirements shall apply to each of the drums independently, except when the drums are built in the same casing and can, in the eco programme, only operate simultaneously. In the latter case, these provisions shall apply to the multi-drum household tumble dryer as a whole, as follows:’;

(b) the second paragraph is replaced by the following:

‘The product information sheet shall include and present jointly the information required under Annex V or Annex Va, as applicable, for all the drums to which the provisions of this Annex apply. The technical documentation shall include and present jointly the information required under Annex VI or Annex VIa, as applicable, for all the drums to which the provisions of this Annex apply’.