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## STATUTORY INSTRUMENTS

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### 2021 No. 1097

## The Ecodesign for Energy-Related Products and Energy Information (Amendment) Regulations 2021

### PART 3

#### AMENDMENTS TO COMMISSION DELEGATED REGULATIONS RELATED TO ENERGY LABELLING

##### **Amendments to Commission Delegated Regulation (EU) 2019/2013: electronic displays**

4.—(1) Commission Delegated Regulation (EU) 2019/2013 of 11 March 2019 supplementing Regulation (EU) 2017/1369 of the European Parliament and of the Council with regard to energy labelling of electronic displays and repealing Commission Delegated [Regulation \(EU\) No 1062/2010](#)<sup>(1)</sup>, as modified by Schedule 1 to the Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2020, is amended as follows.

(2) In Article 1(2) (subject matter and scope), in point (g), for “of products covered by implementing measures adopted under the Ecodesign for Energy-Related Products Regulations 2010” substitute “within the meaning given by regulation 2(1) of the Ecodesign for Energy-Related Products Regulations 2010”.

(3) In Article 2 (definitions)—

(a) in point (10), for “as defined in Article 1” substitute “and is to be construed in accordance with the definitions of ‘networked equipment with high network availability’ and ‘networked equipment with high network availability functionality’ in Article 2”;

(b) omit point (17).

(4) In Article 3(1) (obligations of suppliers), for point (b) substitute—

“(b) the information set out in table 4 of Annex 5 (product information sheet) is made available on a publicly accessible website;”.

(5) In Annex 1 (definitions for the purposes of the Annexes), after point (28) insert—

“(29) ‘*declared values*’ means the values provided by the supplier in the technical documentation in accordance with point (4) of Annex 6 for the verification of conformity by the market surveillance authority;

(30) ‘*guarantee*’ means any undertaking by the dealer or the supplier to the consumer that, if an electronic display does not meet the specifications set out in the guarantee statement or in any associated advertising—

(a) the consumer will be reimbursed for the price paid for the electronic display; or

(b) the electronic display will be repaired, replaced or handled in any way.”.

(6) In Annex 2, in point B (energy efficiency index)—

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(1) EUR 2019/2013, amended and modified by [S.I. 2020/1528](#).

- (a) after the formula, in the explanation of term “ $A$ ” in the formula, for “viewing surface area” substitute “visible screen area”;
- (b) after the explanation of term “ $\text{corr}_1$ ” in the formula, insert—
 

“For the purposes of the EEI calculation, the declared values of the following technical parameters listed in Table 5 of Annex 6 (technical documentation) must be used—

  - (a) on mode power demand ( $P_{\text{measured}}$ );
  - (b) visible screen area.”.
- (7) In Annex 3, in point 2 (label design)—
  - (a) at the beginning of point (f) insert “Subject to point (g)”;
  - (b) after point (f) insert—
 

“(g) If the electronic display does not support HDR—

    - (i) the following must not be displayed—
      - (aa) the HDR pictogram; and
      - (bb) the energy efficiency class; and
    - (ii) the screen pictogram, indicating screen size and resolution, must be vertically centred in the area below the indication of the energy consumption.”.
- (8) In Annex 5 (product information sheet)—
  - (a) number the first paragraph as paragraph 1;
  - (b) number the second paragraph as paragraph 2;
  - (c) for Table 4 substitute—

**“Table 4**

**Information, order and format of the product information sheet**

	<i>Parameter</i>	<i>Value</i>	<i>Unit</i>	<i>Notes</i>
1.	Supplier’s name or trade mark		TEXT	
2.	Supplier’s address			
3.	Model identifier		TEXT	
4.	Energy efficiency class [A/B/C/D/E/F/G] for standard Dynamic Range (SDR)			
5.	On mode power demand in Standard Dynamic Range (SDR)		X.X W	Rounded to the nearest decimal place for power values below 100 W and rounded to the nearest integer for power values equal to or above 100 W.
6.	Energy Efficiency class (HRD) [A/B/C/D/E/F/G] or n.a.			Value must be ‘n.a.’ (not applicable) if HDR is not implemented.

	Parameter	Value	Unit	Notes
7.	On mode power demand in High Dynamic Range (HDR)		X.X W	Rounded to the nearest decimal place for power values below 100 W and rounded to the nearest integer for power values equal to or above 100 W. Value is 0 (zero) if HRD is not implemented.
8.	Off mode, power demand, if applicable		X.X W	
9.	Standby mode power demand, if applicable		X.X W	
10.	Networked standby mode power demand, if applicable		X.X W	
11.	Electronic display category	[television/monitor/signage/other]		Select one.
12.	Size ratio	X :	Y integer	For example 16:9. 21:9, etc.
13.	Screen resolution	X ×	Y pixels	Horizontal and vertical pixels.
14.	Screen diagonal		X.X cm	Rounded to one decimal place.
15.	Screen diagonal		X inches	Optional, in inches rounded to the nearest integer.
16.	Visible screen area		X.X dm <sup>2</sup>	Rounded to one decimal place.
17.	Panel technology used	TEXT		E.g. LCD/LED LCD/QLED LCD/OLED/MicroLED/  QDLED/SED/FED/EPD, etc.
18.	Availability of Automatic Brightness Control (ABC)	[YES/NO]		
19.	Availability of voice recognition sensor	[YES/NO]		
20.	Availability of room presence sensor	[YES/NO]		
21.	Image refresh frequency rate (default)		X Hz	
22.	Minimum guaranteed availability of software and firmware updates		X Years	

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	<i>Parameter</i>	<i>Value</i>	<i>Unit</i>	<i>Notes</i>
23.	Minimum guaranteed availability of spare parts		X Years	
24.	Minimum guaranteed product support		X Years	
25.	Minimum duration of the guarantee given by the supplier		X Years	
26.	Power supply type	Internal / External / Standardised external		Select one.
27.	External power supply (non-standardized and included in the product box)			
	<i>i</i>	Supported standard name or list	TEXT	Description
	<i>ii</i>	Input voltage	X V	
	<i>iii</i>	Output voltage	X.X V	
28.	External standardised power supply (or suitable one if not included in the product box)			
	<i>i</i>	Supported standard name or list	TEXT	
	<i>ii</i>	Required output voltage	X.X V	
	<i>iii</i>	Required delivered current (minimum)	X.X A	
	<i>iv</i>	Required current frequency	X.X Hz”;	

(d) after Table 4 insert—

“3. The following items in Table 4 are not relevant for the purposes of determining whether a model is an equivalent model under Article 2(6) of the Framework Regulation—

- (a) supplier’s name or trade mark;
- (b) supplier’s address;
- (c) model identifier;
- (d) minimum guaranteed availability of software and firmware updates;
- (e) minimum guaranteed availability of spare parts;
- (f) minimum guaranteed product support;
- (g) minimum duration of the guarantee given by the supplier.”.

(9) In Annex 6 (technical documentation)—

(a) for points (1) to (5) substitute—

“(1) a general description of the model, sufficient for it to be unequivocally and easily identified;

(2) references to the designated standards applied or other measurement standards used;

- (3) specific precautions that must be taken when the model is assembled, installed, maintained or tested;
- (4) the values of the technical parameters set out in Table 5;
- (5) the details and the results of the calculations performed in accordance with Annex 4;
- (5A) the conditions of testing that must be applied, if not fully described in the information provided under point (2);
- (5B) the identifier of all equivalent models already placed on the market;”;
- (b) for Table 5 substitute—

**“Table 5**

**Technical parameters of the model and declared values**

	<i>Parameter</i>	<i>Value</i>	<i>Unit</i>	<i>Declared value</i>
	<b>General</b>			
1	Supplier’s name or trade mark	TEXT		
2	Model identifier	TEXT		
3	On mode power demand, ( $P_{measured}$ )	XXX.X	W	
4	Energy efficiency class for [A/B/C/D/E/F/G] Standard Dynamic Range (SDR)			
5	On mode power demand in Standard Dynamic Range (SDR)	XXX.X	W	
6	Energy efficiency class for [A/B/C/D/E/F/G] or Dynamic Range (HDR)	n.a.		
7	On mode power demand in High Dynamic Range (HDR)	XXX.X	W	
8	Off mode, power demand	X.X	W	
9	Standby mode power demand	X.X	W	
10	Networked standby mode power demand	X.X	W	
11	Electronic display category	[television / monitor / signage / other]	TEXT	
12	Size ratio	XX : XX		
13	Screen resolution (pixels)	X × X		
14	Screen diagonal	XXX.X	cm	
15	Screen diagonal	XX	inches	
16	Visible screen area	XXX.X	dm <sup>2</sup> ;	
17	Panel technology used	TEXT		

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	<i>Parameter</i>	<i>Value</i>	<i>Unit</i>	<i>Declared value</i>
18	Availability of automatic Brightness Control (ABC)	[YES/NO]		
19	Availability of voice recognition sensor	[YES/NO]		
20	Availability of room presence sensor	[YES/NO]		
21	Image refresh frequency rate (normal configuration)	XXX	Hz	
22	Minimum guaranteed availability of software and firmware updates	XX	Years	
23	Minimum guaranteed availability of spare parts	XX	Years	
24	Minimum guaranteed product support	XX	Years	
25	Minimum duration of the guarantee given by the supplier	XX	Years	
<b>For On-mode</b>				
26	Peak white luminance of the brightest on mode configuration	XXXX	cd/ m <sup>2</sup>	
27	Peak white luminance of the normal configuration	XXXX	cd/ m <sup>2</sup>	
28	Peak white luminance ratio (calculated as the value of 'Peak white luminance of the normal configuration' divided by the value of 'Peak white luminance of the brightest on mode configuration' multiplied by 100)	XX.X	%	
<b>For Auto Power Down (APD)</b>				
29	Length of time in on mode before the electronic display automatically switches to standby, off mode, or another condition which does not exceed the applicable power demand requirements for off mode or standby mode	XX:XX	mm:ss	
30	For televisions: the length of time following the last user interaction before the television automatically switches to standby, off-mode or another condition which does not exceed the applicable power consumption requirements for off-mode or standby-mode	XX:XX	mm:ss	

	<i>Parameter</i>	<i>Value</i>	<i>Unit</i>	<i>Declared value</i>
31	For televisions equipped with room presence sensor: the length of time after no presence is detected before the television automatically switches to standby, off-mode or another condition which does not exceed the applicable power demand requirements for off mode or standby mode	XX:XX	mm:ss	
32	For electronic displays other than televisions and broadcast displays: the length of time after no input is detected before the electronic display automatically switches to standby, off-mode, or another condition which does not exceed the applicable power consumption requirements for off mode or standby mode	XX:XX	mm:ss	
<b>For ABC</b>				
If available and activated by default				
33	Percentage of power reduction due to ABC action between the 100 lux and 12 lux ambient light conditions	XX.X	%	
34	On mode power at 100 lux ambient light at the ABC sensor	XXX.X	W	
35	On mode power at 12 lux ambient light at the ABC sensor	XXX.X	W	
36	Screen luminance at 100 lux ambient light at the ABC sensor	XXX	cd/ m <sup>2</sup>	
37	Screen luminance at 60 lux ambient light at the ABC sensor	XXX	cd/ m <sup>2</sup>	
38	Screen luminance at 35 lux ambient light at the ABC sensor	XXX	cd/ m <sup>2</sup>	
39	Screen luminance at 12 lux ambient light at the ABC sensor	XXX	cd/ m <sup>2</sup>	
<b>For Power Supply</b>				
40	Power supply type	Internal/External		
41	Standard references (if applicable)	TEXT		
42	Input voltage	XXX.X	V	
43	Output voltage	XXX.X	V	
44	Input current (max)	XXX.X	A	

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	<i>Parameter</i>	<i>Value</i>	<i>Unit</i>	<i>Declared value</i>
45	Output current (min)	XXX.X	A”.	

(10) In Annex 9 (verification procedure for market surveillance purposes)—

(a) for the first paragraph substitute—

“The verification tolerances set out in this Annex relate only to the verification by the market surveillance authority of the declared values.

The supplier of a product must not use the verification tolerances—

- (a) as allowed tolerances to establish the declared values;
- (b) to interpret the declared values; or
- (c) to communicate better performance.

The values and classes published on the label or in the product information sheet must not be more favourable to the supplier than the declared values.”;

(b) in point 2—

(i) in point (a), for “values given in the technical documentation pursuant to point 3 of Article 3 of Regulation (EU) 2017/1369 (declared values)” substitute “declared values”;

(ii) in point (c), for the words after “comply with” substitute—

“(i) in the case of the determined values of the ABC luminance-related parameters (see rows 36 to 39 of Table 5 of Annex 6), the requirements in point (e) of point C of Annex 2; and

(ii) otherwise, the respective verification tolerances set out in Table 6.”.

(c) for point (3) substitute—

“(3) The model and all equivalent models must be considered not to comply with this Regulation if—

- (a) the result referred to in point 2(a), (b) or (c)(i) is not achieved; or
- (b) the determined value of a parameter listed in rows 3 to 5 or 7 to 10 of Table 6 does not comply with the applicable verification tolerance set out in Table 6.”;

(d) in point (4), for “If the result referred to in point 2(c) is not achieved” substitute “If the determined value of a parameter listed in row 1, 2 or 6 of Table 6 does not comply with the respective verification tolerance set out in Table 6 (so that the result referred to in point 2(c) is not achieved)”;

(e) in the final paragraph before Table 6, for “points 1 to 7” substitute “points 1 to 6”;

(f) for Table 6 substitute—

**“Table 6**

**Verification tolerances**

	<i>Parameter</i>	<i>Verification tolerances</i>
1.	On mode power demand, ( $P_{measured}$ , Watts)	The determined value must not exceed the declared value by more than 7 %.



<i>Parameter</i>	<i>Verification tolerances</i>
2. Off mode, standby mode and networked standby mode power demand (Watts), as applicable	The determined value must not exceed the declared value by more than 0.10 Watt if the declared value is 1.00 W or less, or by more than 10 % if the declared value is more than 1.00 W.
3. Visible screen area	The determined value must not be lower than the declared value by more than whichever is the smaller of 1 % or 0.1 dm <sup>2</sup> .
4. Visible screen diagonal in centimetres	The determined value must not differ from the declared value by more than 1 cm.
5. The screen resolution in horizontal and vertical pixels	The determined value must not differ from the declared value.
6. Peak white luminance	The determined value must not be lower than the declared value by more than 8 %.
7. Length of time in on mode before the electronic display automatically switches to standby, off mode or another condition which does not exceed the applicable power demand requirements for off mode or standby mode	The determined value must not exceed the declared value by more than 5 seconds.
8. For televisions: the length of time after the last user interaction before the television automatically switches to standby, off-mode, or another condition which does not exceed the applicable power consumption requirements for off mode or standby mode	The determined value must not exceed the declared value by more than 5 seconds.
9. For televisions equipped with room presence sensor: the length of time after no presence is detected before the television automatically switches to standby, off-mode, or another condition which does not exceed the applicable power demand requirements for off mode or standby mode	The determined value must not exceed the declared value by more than 5 seconds.
10. For electronic displays other than televisions and broadcast displays: the length of time after no input is detected before the electronic display automatically switches to standby, off-mode or another condition which does not exceed the applicable power consumption requirements for off mode or standby mode	The determined value must not exceed the declared value by more than 5 seconds.”.

## **Amendments to Commission Delegated Regulation (EU) 2019/2014: household washing machines and washer-dryers**

5.—(1) Commission Delegated Regulation (EU) 2019/2014 of 11 March 2019 supplementing Regulation (EU) 2017/1369 of the European Parliament and of the Council with regard to energy labelling of household washing machines and household washer-dryers and repealing Commission Delegated Regulation (EU) No 1061/2010 and Commission Directive 96/60/EC(2), as modified by Schedule 2 to the Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2020, is amended as follows.

(2) In Article 3(1) (obligations of suppliers), for point (b) substitute—

“(b) the information set out in Table 5 of Annex 5 (product information sheet for household washing machines) or, as the case may be, Table 6 of Annex 5 (product information sheet for household washer-dryers) is made available on a publicly accessible website;”.

(3) In Annex 1 (definitions applicable for the Annexes), after point (32) insert—

“(33) ‘declared values’ means the values provided by the supplier in the technical documentation in accordance with point 1(d) of Annex 6 (household washing machines) or point 2(d) of Annex 6 (household washer-dryers) for the verification of conformity by the market surveillance authority;

(34) ‘wash and dry cycle’ means a complete cycle for cotton laundry—

- (a) which is continuous if the household washer-dryer provides a continuous cycle;
- (b) where the washing cycle is the eco 40-60 programme; and
- (c) where the drying cycle achieves cupboard dry status.”.

(4) In Annex 4 (measurement methods and calculations)—

(a) after the first paragraph insert—

“Where a calculation in this Annex uses a parameter listed in Table 7 of Annex 6 (technical documentation for household washing machines) or Table 8 of Annex 6 (technical documentation for household washer-dryers), the supplier must use the declared value for that parameter.”;

(b) in point 1 (rated capacity of household washer-dryers), in the first sentence, for “shall be measured, using” substitute “is the rated capacity of”;

(c) in point 3 (washing efficiency index)—

(i) in the existing paragraph, for “two decimal places” substitute “three decimal places”;

(ii) after the existing paragraph, insert as a paragraph—

“For household washing machines with a rated capacity higher than 3 kg and for the washing cycle of household washer-dryers with a rated washing capacity higher than 3 kg, the value to be entered on the Product Information sheet for  $I_w$  is the lowest of the values for—

- (a) the washing efficiency index at the rated washing capacity;
- (b) the washing efficiency index at half of the rated washing capacity; and
- (c) the washing efficiency index at quarter of the rated washing capacity.

For household washing machines with a rated capacity lower than or equal to 3 kg and for the washing cycle of household washer-dryers with a rated capacity lower

than or equal to 3 kg, the value to be entered on the Product Information Sheet for  $I_W$  is the value for the washing efficiency index at the rated washing capacity.

For household washer-dryers with a rated capacity higher than 3 kg, the value to be entered on the Product Information sheet for  $J_W$  is the lower of the values for—

- (a) the washing efficiency index at the rated capacity; and
- (b) the washing efficiency index at half of the rated capacity.

For household washer-dryers with a rated capacity lower than or equal to 3 kg, the value to be entered on the Product Information Sheet for  $J_W$  is the value for the washing efficiency index at the rated capacity.”;

- (d) in point 4 (rinsing effectiveness), after the existing paragraph insert—

“For household washing machines with a rated capacity higher than 3 kg and for the washing cycle of household washer-dryers with a rated capacity higher than 3 kg, the value to be entered on the Product Information Sheet for the  $I_R$  is the highest of the values for—

- (a) the rinsing effectiveness at rated washing capacity;
- (b) the rinsing effectiveness at half of the rated washing capacity; and
- (c) the rinsing effectiveness at quarter of the rated washing capacity.

For household washing machines with a rated capacity lower than or equal to 3 kg and for the washing cycle of household washer-dryers with a rated capacity lower than or equal to 3 kg, no value is to be entered on the Product Information Sheet for  $I_R$ .

For household washer-dryers with a rated capacity higher than 3 kg, the value to be entered on the Product Information Sheet for  $J_R$  is the higher of the values for—

- (a) the rinsing effectiveness index at the rated capacity; and
- (b) the rinsing effectiveness index at half of the rated capacity.

For household washer-dryers with a rated capacity lower than or equal to 3 kg, no value is to be indicated on the Product Information sheet for  $J_R$ .”;

- (e) in point 6(2) (weighted water consumption), in the first paragraph, after “weighted water consumption” insert “of the wash and dry cycle”;
- (f) in point 7 (remaining moisture content)—
  - (i) in the first paragraph, for “the nearest whole percent” substitute “one decimal place”;
  - (ii) after the formula, in the explanations of the terms used in the equation, in each place that it occurs, for “one decimal place” substitute “two decimal places”.
- (g) in point 9 (low power modes)—
  - (i) in the first paragraph—
    - (aa) at the beginning, insert “Where applicable,”;
    - (bb) after “( $P_{sm}$ ) and” omit “where applicable”;
  - (ii) in the third paragraph, for “energy consumption” substitute “the power consumption”;
- (h) after point 10 (acoustic airborne noise emission), insert—

### “SPIN SPEED

The spin speed of a household washing machine and of the washing cycle of a household washer-dryer must be measured or calculated at the highest spin speed option for the eco 40-60 programme and rounded to the nearest integer.”.

- (5) In Annex 5 (product information sheet)—
- (a) in point 1 (household washing machines)—
- (i) number the first paragraph as point (1);
- (ii) number the second paragraph as point (2);
- (iii) for Table 5 substitute—

**“Table 5**

### **Content, order and format of the product information sheet**

**Supplier’s name or trade mark:**

**Supplier’s address:**

**Model identifier:**

**General product parameters:**

Parameter	Value	Parameter	Value
Rated capacity (kg) <sup>(1)</sup>	x.x	Dimensions in cm <sup>(1)</sup>	Height x Width x Depth x
Energy efficiency index (EEI <sub>w</sub> ) <sup>(1)</sup>	x.x	Energy efficiency class <sup>(1)</sup>	[A/B/C/D/E/F/G]
Washing efficiency index <sup>(1)</sup>	x.xxx	Rinsing effectiveness (g/kg) <sup>(1)</sup>	x.x
Energy consumption in kWh per cycle, based on the eco 40-60 programme. Actual energy consumption will depend on how the appliance is used.	Rated capacity x.xxx Half x.xxx Quarter x.xxx	Water consumption in litre per cycle, based on the eco 40-60 programme. Actual water consumption will depend on how the appliance is used and on the hardness of the water.	Rated capacity x Half x Quarter x
Maximum temperature inside the treated textile (°C) <sup>(1)</sup>	Rated capacity x Half x Quarter x	Weighted remaining moisture content (%) <sup>(1)</sup>	x.x

(1) for the eco 40-60 programme

Spin speed (rpm) <sup>(1)</sup>		Rated capacity	x	Spin-drying efficiency class <sup>(1)</sup>	[A/B/C/D/E/F/G]
		Half	x		
		Quarter	x		
Programme (h:min) <sup>(1)</sup>	duration	Rated capacity	x:xx	Type	[built-in/free-standing]
		Half	x:xx		
		Quarter	x:xx		
Airborne acoustical noise emissions during the spinning phase (dB(A) re 1 pW) <sup>(1)</sup>	x			Airborne acoustical noise emission class (spinning phase) <sup>(1)</sup>	[A/B/C/D]
Off-mode (W) (if applicable)	(if applicable)	x.xx	Standby mode (if applicable)		x.xx
Delay start (W) (if applicable)	(if applicable)	x.xx	Networked standby (W) (if applicable)		x.xx

**Minimum duration of the guarantee given by the supplier:**

**This product has been designed to release [YES/NO] silver ions during the washing cycle**

**Additional information:**

Weblink to the supplier's website:";

(1) for the eco 40-60 programme

(iv) after Table 5, insert—

“(3) The following items in Table 5 are not relevant for the purposes of determining whether a model is an equivalent model under Article 2(6) of the Framework Regulation—

- (a) supplier's name or trade mark;
- (b) supplier's address;
- (c) model identifier;
- (d) dimensions in cm;
- (e) minimum duration of the guarantee given by the supplier;
- (f) additional information.”;

(b) in point 2 (household washer-dryers)—

- (i) number the first paragraph as point (1);
- (ii) number the second paragraph as point (2);
- (iii) for Table 6 substitute—

**Table 6****Content, order and format of the product information sheet****Supplier's name or trade mark:****Supplier's address:****Model identifier:****General product parameters:**

Parameter	Value	Parameter	Value
Rated capacity (kg)	Rated capacity <sup>(1)</sup>	x.x Dimensions in cm	Height x
	Rated washing capacity <sup>(2)</sup>	x.x	Width x
			Depth x
Energy efficiency index	EEI <sub>W</sub> <sup>(2)</sup>	x.x Energy class	efficiency EEI <sub>W</sub> <sup>(2)</sup> [A/B/C/D/E/F/G]
	EEI <sub>WD</sub> <sup>(1)</sup>	x.x	EEI <sub>WD</sub> <sup>(1)</sup> [A/B/C/D/E/F/G]
Washing efficiency index	I <sub>W</sub> <sup>(2)</sup>	x.xxx	Rinsing effectiveness I <sub>R</sub> <sup>(2)</sup> x.x
	J <sub>W</sub> <sup>(1)</sup>	x.xxx	J <sub>R</sub> <sup>(1)</sup> x.x
Energy consumption in kWh per cycle, for the washing cycle of the household washer-dryer, using the eco 40-60 programme. Actual energy consumption will depend on how the appliance is used.	Rated capacity x.xxx	Energy consumption in kWh per cycle, for the wash and dry cycle of the household washer-dryer. Actual energy consumption will depend on how the appliance is used.	Rated capacity x.xxx
	Half x.xxx		Half x.xxx
	Quarter x.xxx		Quarter x.xxx
Water consumption in litres per cycle, based on the eco 40-60 programme. Actual water consumption will depend on how the appliance is used and	Rated capacity x	Water consumption in litre per cycle, for the wash and dry cycle of the household washer- dryer. Actual water consumption will depend on how the appliance is used	Rated capacity x
	Half x		Half x
	Quarter x		Quarter x

(1) for the wash and dry cycle

(2) for the eco 40-60 programme

on the hardness of the water.				and on the hardness of the water.		
Maximum temperature inside the treated textile (°C) for the washing cycle of the household washer-dryer, using the eco 40-60 programme	Rated capacity	x	Maximum temperature inside the treated textile (°C) for the washing cycle of the household washer-dryer, using the wash and dry cycle	Rated capacity	x	
	Half	x		Half	x	
	Quarter	x				
Spin speed (rpm) <sup>(2)</sup>	Rated capacity	x	Weighted remaining moisture content (%) <sup>(2)</sup>			x.x
	Half	x				
	Quarter	x				
Eco 40-60 Programme duration (h:min)	Rated capacity	x:xx	Spin-drying efficiency [A/B/C/D/E/F/G] class <sup>(2)</sup>			
	Half	x:xx				
	Quarter	x:xx				
Airborne acoustical noise emissions during the spinning phase for the eco 40-60 washing cycle at rated washing capacity (dB(A) re 1 pW)		x	wash and dry cycle duration (h:min)	Rated capacity	x:xx	
				Half	x:xx	
Type	[built-in/free-standing]		Airborne acoustical noise emission class for the spinning phase for the eco 40-60 programme at rated washing capacity	[A/B/C/D]		
Off-mode (W) (if applicable)		x.xx	Standby mode (if applicable)		x.xx	
Delay start (W) (if applicable)		x.xx	Networked standby (W) (if applicable)		x.xx	

**Minimum duration of the guarantee given by the supplier:**

**This product has been designed to release silver ions during the washing cycle [YES/NO]**

**Additional information:**

Weblink to the supplier's website:";

(1) for the wash and dry cycle

(2) for the eco 40-60 programme

(iv) after Table 6 insert—

“(3) The following items in Table 6 are not relevant for the purposes of determining whether a model is an equivalent model under Article 2(6) of the Framework Regulation—

- (a) supplier’s name or trade mark;
- (b) supplier’s address;
- (c) model identifier;
- (d) dimensions in cm;
- (e) minimum duration of the guarantee given by the supplier;
- (f) additional information.”.

(6) In Annex 6 (technical documentation), in point 1 (household washing machines)—

(a) before Table 7, for points (a) and (b) substitute—

- “(a) a general description of the model, sufficient for it to be unequivocally and easily identified;
- (b) references to the designated standards applied or other measurement standards used;
- (c) specific precautions that must be taken when the model is assembled, installed, maintained or tested;
- (d) the values of the technical parameters set out in Table 7;
- (e) the details and the results of the calculations performed in accordance with Annex 4;
- (f) the conditions of testing that must be applied, if not fully described in the information provided under point (b);
- (g) the model identifier of all equivalent models already placed on the market.”;

(b) in Table 7—

(i) in the third column of the entry relating to each of the following parameters, for “X,XX” substitute “X.XXX”—

- (aa) “Washing efficiency index of the eco 40-60 programme at rated capacity ( $I_W$ )”;
- (bb) “Washing efficiency index of the eco 40-60 programme at half rated capacity ( $I_W$ )”;
- (cc) “Washing efficiency index of the eco 40-60 programme at quarter rated capacity ( $I_W$ )”;

(ii) omit the entry relating to each of the following parameters—

- (aa) “Remaining moisture content for the eco 40-60 programme at rated capacity ( $D_{full}$ )”;
- (bb) “Remaining moisture content for the eco 40-60 programme at half capacity ( $D_{1/2}$ )”;
- (cc) “Remaining moisture content for the eco 40-60 programme at quarter capacity ( $D_{1/4}$ )”;

(iii) in the third column of the entry relating to “Weighted remaining moisture content”, for “X” substitute “X.X”;

(iv) in the first column of the entry relating to each of the following parameters, at the end insert “if applicable”—



- (aa) “Power consumption in ‘off mode’ ( $P_o$ )”;
- (bb) “Power consumption in ‘standby mode’ ( $P_{sm}$ )”;
- (v) after Table 7, omit points (c) to (f).
- (7) In Annex 6 (technical documentation), in point 2 (household washing washer-dryers)—
  - (a) before Table 8, for points (a) and (b) substitute—
    - “(a) a general description of the model, sufficient for it to be unequivocally and easily identified;
    - (b) references to the designated standards applied or other measurement standards used;
    - (c) specific precautions that must be taken when the model is assembled, installed, maintained or tested;
    - (d) the values of the technical parameters set out in Table 8;
    - (e) the details and the results of the calculations performed in accordance with Annex 4;
    - (f) the conditions of testing that must be applied, if not fully described in the information provided under point (b);
    - (g) the model identifier of all equivalent models already placed on the market.”;
  - (b) in Table 8 (technical documentation for household washer-dryers)—
    - (i) in the third column of the entry relating to each of the following parameters, for “X,XX” substitute “X.XXX”—
      - (aa) “Washing efficiency index of the eco 40-60 programme at rated washing capacity ( $I_w$ )”;
      - (bb) “Washing efficiency index of the eco 40-60 programme at half rated washing capacity ( $I_w$ )”;
      - (cc) “Washing efficiency index of the eco 40-60 programme at quarter rated washing capacity ( $I_w$ )”;
      - (dd) “Washing efficiency index of the wash and dry cycle at rated capacity ( $J_w$ )”;
      - (ee) “Washing efficiency index of the wash and dry cycle at half rated capacity ( $J_w$ )”;
    - (ii) omit the entry relating to each of the following parameters—
      - (aa) “Remaining moisture content for the eco 40-60 programme at rated capacity ( $D_{full}$ )”;
      - (bb) “Remaining moisture content for the eco 40-60 programme at half capacity ( $D_{1/2}$ )”;
      - (cc) “Remaining moisture content for the eco 40-60 programme at quarter capacity ( $D_{1/4}$ )”;
    - (iii) in the third column of the entry relating to “Weighted remaining moisture content”, for “X” substitute “X.X”—
      - (aa) in the first column of the entry relating to each of the following parameters, at the end insert “if applicable”—
      - (bb) “Power consumption in ‘off mode’ ( $P_o$ )”;
      - (cc) “Power consumption in ‘standby mode’ ( $P_{sm}$ )”.

(8) In Annex 8 (information required where distance selling through the internet), in point 1, for “Annex IV” substitute “Annex 3”.

(9) In Annex 9 (verification procedure for market surveillance purposes)—

(a) for the first (unnumbered) paragraph substitute—

“The verification tolerances set out in this Annex relate only to the verification by the market surveillance authority of the declared values.

The supplier of a product must not use the verification tolerances—

- (a) to establish the declared values;
- (b) to interpret the declared values; or
- (c) to communicate better performance.

The values and classes published on the label or in the product information sheet must not be more favourable to the supplier than the declared values.”;

(b) in point 2(a), for “values given in the technical documentation pursuant to Article 3(3) of Regulation (EU) 2017/1369 (declared values),” substitute “declared values”;

(c) in the final paragraph before Table 9, for “points 1 to 7” substitute “points 1 to 6”;

(d) in Table 9—

(i) in the second column of the entry relating to “Weighted energy consumption”, for “, respectively  $E_{WD}$ ,” substitute “and  $E_{WD}$  respectively”;

(ii) in the second column of the entry relating to “Weighted water consumption”, for “, respectively  $W_{WD}$ ,” substitute “and  $W_{WD}$  respectively”;

(iii) in the entry relating to “Washing efficiency index”—

(aa) in the first column, after “( $I_W$  and  $J_W$ )” insert “at all relevant loads”;

(bb) in the second column, for “, respectively  $J_W$ ,” substitute “and  $J_W$  respectively”;

(iv) in the entry relating to “Rinsing effectiveness”—

(aa) in the first column, after “( $I_R$  and  $J_R$ )” insert “at all relevant loads”;

(bb) in the second column, for “, respectively  $J_R$ ,” substitute “and  $J_R$  respectively”;

(v) in the first column of the entry relating to “programme or cycle duration”, after “programme or cycle duration” insert “( $t_w$  and  $t_{wd}$ ) at all relevant loads”;

(vi) in the first column of the entry relating to “Maximum temperature inside the laundry”, after “(T)” insert “during the washing cycle at all relevant loads”;

(vii) omit the entry relating to “ $D_{full}$ ,  $D_{1/2}$ ,  $D_{1/4}$ ”;

(viii) in the first column of the entry relating to “Remaining moisture content after washing”, at the beginning insert “Weighted”;

(ix) in the first column of the entry relating to “Final moisture content after drying”, after “after drying” insert “at all relevant loads”;

(x) in the first column of the entry relating to “Spin speed”, after “(S)” insert “at all relevant loads”.

(10) In Annex 10 (multi-drum household washing machines and washer-dryers), in point (f), for “residual” substitute “remaining”.

## **Amendments to Commission Delegated Regulation (EU) 2019/2016: refrigerating appliances**

6.—(1) Commission Delegated Regulation (EU) 2019/2016 is amended as follows.

(2) In Article 2 (definitions), in point (31) (definition of ‘mobile refrigerating appliance’), for “electric mains operated” substitute “connected to the mains through an AC/DC converter purchased separately”.

(3) In Article 3(1) (obligation of suppliers), for point (b) substitute—

“(b) the information set out in Table 6 of Annex 5 (product information sheet) is made available on a publicly accessible website;”.

(4) In Annex 1 (definitions), after point (41) insert—

“(42) ‘declared values’ means the values provided by the supplier in the technical documentation in accordance with point 1(d) of Annex 6 for the verification of conformity by the market surveillance authority.”.

(5) In Annex 4 (measurement methods and calculations)—

(a) after the first (unnumbered) paragraph, insert—

“Where a calculation in this Annex uses a parameter listed in Table 7 of Annex 6 (technical documentation), the supplier must use the declared value for that parameter.”;

(b) in point 1 (general conditions for testing)—

(i) for point (h), substitute—

“(h) the freezing capacity of a compartment must be calculated at 24 times the light load weight of that compartment, divided by the freezing time to bring the temperature of the light load from +25 to -18 °C at an ambient temperature of 25 °C, expressed in kg/24 hr and rounded to one decimal place;”;

(ii) for point (i), substitute—

“(i) for 4-star compartments, the freezing time to bring the temperature of the light load from +25 to -18 °C at an ambient temperature of 25 °C must be such that the resulting freezing capacity complies with the requirement in point (4) of Annex 1 (definition of ‘freezing capacity’);”;

(iii) after point (j) insert—

“(k) the light load weight for a 4-star compartment must be calculated at 3.5 kg per 100 litres of the volume of the 4-star compartment, rounded up to the nearest 0.5 kg, except that it must be deemed to be 2 kg if that calculation results in a value lower than 2 kg;

(l) if the refrigerating appliance includes a combination of 3-star and 4-star compartments, the sum of the light load weights must be calculated at 3.5 kg per 100 litres of the total volume of all 4-star and 3-star compartments, rounded up to the nearest 0.5 kg, except that it must be deemed to be 2 kg if that calculation results in a value lower than 2 kg.”.

(6) In Annex 5 (product information sheet)—

(a) in Table 6—

(i) under the heading “General product parameters”, in the second column of the entry relating to “Annual energy consumption (kWha)” for “x,xx” substitute “x”;

(ii) under the heading “Compartment Parameters”, in the fifth column of the entry relating to each of the following parameters, for “x,xx” substitute “x.x”—

(aa) “4-star”;

- (bb) “variable temperature compartment”;
- (iii) omit the row beginning “Light source parameters” and the two rows following it;
- (iv) after the entry relating to “Fast freeze facility” insert—

<b>“For wine storage appliance</b>	
Number of standard 750 ml wine bottles	x
<b>Light source parameters</b>	
Type of light source	[type]
Energy efficiency class	[A/B/C/D/E/F/G](3)

- (v) omit footnotes “b” and “c” and the references to those footnotes;
- (b) after Table 6 insert—
 

“3. The following items in Table 6 are not relevant for the purposes of determining whether a model is an equivalent model under Article 2(6) of the Framework Regulation—

  - (a) supplier’s name or trade mark;
  - (b) supplier’s address;
  - (c) model identifier;
  - (d) overall dimensions (millimetre);
  - (e) airborne acoustical noise emission class (dB(A) re 1 pW);
  - (f) minimum duration of the guarantee given by the supplier;
  - (g) additional information.”.
- (7) In Annex 6 (technical documentation), in point 1, for point (a) to the end substitute—
  - “(a) a general description of the model, sufficient for it to be unequivocally and easily identified;
  - (b) references to the designated standards applied or other measurement standards used;
  - (c) specific precautions that must be taken when the model is assembled, installed, maintained or tested;
  - (d) the values of the technical parameters set out in Table 7;
  - (e) the details and the results of the calculations performed in accordance with Annex 4;
  - (f) the testing conditions, if not fully described in the information provided under point (b);
  - (g) the model identifier of all equivalent models already placed on the market.

**Table 7**

**Technical parameters of the model and their declared values for refrigerating appliances**

*A general description of the refrigerating model, sufficient for it to be unequivocally and easily identified:*

**Product specifications:**  
**General product specifications:**

(3) See regulation 1(2)(a) of these Regulations regarding the commencement of this provision.

*A general description of the refrigerating model, sufficient for it to be unequivocally and easily identified:*

Parameter	Value	Parameter	Value
Annual energy consumption (kWh/a)	x.xx	EEI %	x.x
Standard annual energy consumption (kWh/a)	x.xx	Combi parameter	x.xx
Temperature rise time (h)	x.xx	Load factor	x.x
Door heat loss factor	x.xxx	Climate class	[extended temperate/ temperate/ subtropical/tropical]
Anti-condensation heater type	[manual on-off/ ambient/other/ none]	Airborne noise (dB(A) re 1 pW)	x

**Additional product specifications for refrigerating appliances, except for low noise refrigerating appliances:**

Parameter	Value
Daily energy consumption at 32 °C (kWh/24h)	x.xxx

**Additional product specifications for low noise refrigerating appliances**

Parameter	Value
Daily energy consumption at 25 °C (kWh/24h)	x.xxx

**Additional product specifications for wine storage appliances**

Parameter	Value	Parameter	Value
Internal humidity (%)	[range]	Number of standard 750 ml bottles	x

If the refrigerating appliance contains more than one compartment of the same type, the lines for these compartments must be repeated.

If a certain compartment type is absent, the values of the compartment parameters must be recorded as ‘-’.

**Compartment specifications:**

Compartment parameters and values								
Compartment type	Target temperature (°C)	Compartment volume (dm <sup>3</sup> or l)	Freezing capacity (kg/24 h)	Thermodynamic parameter (r <sub>c</sub> )	N <sub>c</sub>	M <sub>c</sub>	Defrost factor (A <sub>c</sub> )	Built-in factor (B <sub>c</sub> )
Pantry	+17	x.x		0.35	75	0.12	1.00	x.xx

**Status:** This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

<i>Compartment specifications:</i>								
Wine storage	+12	x.x		0.60	75	0.12	1.00	x.xx
Cellar	+12	x.x		0.60	75	0.12	1.00	x.xx
Fresh food	+4	x.x		1.00	75	0.12	1.00	x.xx
Chill	+2	x.x		1.10	138	0.12	x.xx	x.xx
0-star or ice making	0	x.x		1.20	138	0.15	x.xx	x.xx
1-star	-6	x.x		1.50	138	0.15	x.xx	x.xx
2-star	-12	x.x		1.80	138	0.15	x.xx	x.xx
3-star	-18	x.x		2.10	138	0.15	x.xx	x.xx
4-star	-18	x.x	x.x	2.10	138	0.15	x.xx	x.xx
2-star section	-12	x.x		1.80	138	0.15	x.xx	x.xx
Variable temperature compartment	X	x.x	x.x (for 4-star compartments) or ‘-’	x.xx	x	x.xx	x.xx	x.xx
The sum of the volumes of the chill compartment(s) and the unfrozen compartment(s) (dm <sup>3</sup> or l)	x							
The sum of the volumes of the frozen compartment(s) (dm <sup>3</sup> or l)	x”.							

(8) In Annex 9 (verification procedure for market surveillance purposes)—

(a) for the first (unnumbered) paragraph substitute—

“The verification tolerances set out in this Annex relate only to the verification by the market surveillance authority of the declared values.

The supplier of a product must not use the verification tolerances—

- (a) to establish the declared values;
- (b) to interpret the declared values; or
- (c) to communicate better performance.

The values and classes published on the label or in the product information sheet must not be more favourable to the supplier than the declared values.”;

(b) in point (2)(a), for “values given in the technical documentation pursuant to Article 3(3) of Regulation (EU) 2017/1369 (declared values),” substitute “declared values”;

(c) in the final paragraph before Table 8, for “points 1 to 7” substitute “points 1 to 6”;

(d) in Table 8—

(i) in the first column, for “E<sub>16</sub>E<sub>32</sub>” substitute “E<sub>32</sub>”;

- (ii) omit the entry relating to “E<sub>aux</sub>”;
- (iii) in the second column of the entry relating to “temperate rise time”, for “higher” substitute “lower”.

#### **Amendments to Commission Delegated Regulation (EU) 2019/2017: household dishwashers**

7.—(1) Commission Delegated Regulation (EU) 2019/2017 of 11 March 2019 supplementing Regulation (EU) 2017/1369 of the European Parliament and of the Council with regard to energy labelling of household dishwashers and repealing Commission Delegated Regulation (EU) No 1059/2010(4), as modified by the Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2020, is amended as follows.

(2) In Article 3(1) (obligations of suppliers), for point (b) substitute—

“(b) the information set out in Table 3 of Annex 5 is made available on a publicly accessible website;”.

(3) In Annex 1 (definitions applicable for Annexes), after point (23) insert—

“(24) ‘declared values’ means the values provided by the supplier in the technical documentation in accordance with point 1(d) of Annex 6 for the verification of conformity by the market surveillance authority.”.

(4) In Annex 2, in point A (energy efficiency classes), in the heading of Table 1 for “electronic displays” substitute “household dishwashers”.

(5) In Annex 4 (measurement methods and calculations)—

(a) after the first paragraph insert—

“Where a calculation in this Annex uses a parameter listed in Table 4 of Annex 6 (technical documentation), the supplier must use the declared value for that parameter.”;

(b) in point 2 (cleaning performance index), in each place that it occurs, for “two decimal places” substitute “three decimal places”;

(c) in point 3 (drying performance index), in each place that it occurs, for “two decimal places” substitute “three decimal places”;

(d) for point 4 (low power modes) substitute—

#### **“LOW POWER MODES**

**4.** Where applicable, the power consumption of the off mode (P<sub>o</sub>), standby mode (P<sub>sm</sub>) and delay start (P<sub>ds</sub>) must be measured.

The measured values must be expressed in W and rounded to two decimal places.

During measurements of the power consumption in low power modes, the following must be checked and recorded—

(a) whether information is displayed;

(b) whether any network connection is activated.”.

(6) In Annex 5 (product information sheet)—

(a) number the first paragraph as paragraph 1;

(b) number the second paragraph as paragraph 2;

(c) in Table 3—

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(4) EU 2019/2017, amended and modified by S.I. 2020/1528.

- (i) in the second column of the entry relating to each of the following parameters, for “x,xx” substitute “x.xxx”—
  - (aa) “Cleaning performance index”;
  - (bb) “Drying performance index”;
- (ii) omit footnotes <sup>(b)</sup> and <sup>(c)</sup> and the references to them;
- (d) after Table 3 insert—
 

“3. The following items in Table 3 are not relevant for the purposes of determining whether a model is an equivalent model under Article 2(6) of the Framework Regulation—

  - (a) supplier’s name or trade mark;
  - (b) supplier’s address;
  - (c) model identifier;
  - (d) dimensions in cm;
  - (e) minimum duration of the guarantee given by the supplier;
  - (f) additional information.”.
- (7) In Annex 6 (technical documentation), in point (1)—
  - (a) for points (a) and (b) substitute—
    - “(a) a general description of the model, sufficient for it to be unequivocally and easily identified;
    - (b) references to the designated standards applied or other measurement standards used;
    - (c) specific precautions that must be taken when the model is assembled, installed, maintained or tested;
    - (d) the values of the technical parameters set out in Table 4;
    - (e) the details and the results of the calculations performed in accordance with Annex 4;
    - (f) the testing conditions, if not fully described in point (b);
    - (g) the model identifier of all equivalent models already placed on the market;”;
  - (b) in Table 4—
    - (i) before the entry relating to “Eco programme energy consumption” insert—
 

“Rated capacity in place settings	X”;
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    - (ii) in the first column of the entry relating to each of the following parameters, at the end insert “if applicable”—
      - (aa) “Power consumption in ‘off mode’ (P<sub>o</sub>)”;
      - (bb) “Power consumption in ‘standby mode’ (P<sub>sm</sub>)”;
    - (iii) in the third column of the entry relating to each of the following parameters, for “X,XX” substitute “X.XXX”—
      - (aa) “Cleaning performance index (I<sub>C</sub>)”;
      - (bb) “Drying performance index (I<sub>D</sub>)”;
  - (c) after Table 4, omit points (c) to (f).
- (8) In Annex 9—



- (a) for the first (unnumbered) paragraph substitute—

“The verification tolerances set out in this Annex relate only to the verification by the market surveillance authority of the declared values.

The supplier of a product must not use the verification tolerances—

- (a) to establish the declared values;
- (b) to interpret the declared values; or
- (c) to communicate better performance.

The values and classes published on the label or in the product information sheet must not be more favourable to the supplier than the declared values.”;

- (b) in point (2)(a), for “values given in the technical documentation pursuant to Article 3(3) of Regulation (EU) 2017/1369 (declared values),” substitute “declared values”;
- (c) in the final paragraph before Table 5, for “points 1 to 7” substitute “points 1 to 6”.