



**CABINET OF MINISTERS OF UKRAINE**  
**RESOLUTION**

**No. 738 of 14 August 2019**  
**Kyiv**

**On Approval of the Technical Regulation on Ecodesign  
Requirements for Household Washing Machines**

In accordance with [Article 5](#) of the Law of Ukraine ‘On Technical Regulations and Conformity Assessment’, the Cabinet of Ministers of Ukraine hereby **resolves**:

1. To approve the **Technical Regulation on Ecodesign Requirements for Household Washing Machines**, as attached to the original.
2. The State Agency on Energy Efficiency and Energy Saving shall ensure the implementation of the Technical Regulation approved by this Resolution.
3. To introduce to the [list of types of products subject to state market surveillance by state market surveillance bodies](#), approved by the Resolution of the Cabinet of Ministers of Ukraine No. 1069 of 28 December 2016 (Official Journal of Ukraine, 2017, No. 50, p. 1550; 2019, No. 21, p. 732), amendment, as attached.
4. This Resolution shall enter into force after six months following its publication.

**Prime Minister of Ukraine**

**VOLODYMYR GROYSMAN**

**Ind. 21**

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**APPROVED**  
**by the Resolution of the Cabinet of Ministers of Ukraine**  
**No. 738 of 14 August 2019**

**AMENDMENT**  
**to be introduced to the list of types of products subject to state**  
**market surveillance by state market surveillance authorities**

Point 23 shall be replaced by the following:

‘23. Energy-related products, including household refrigerating appliances and household washing machines	Resolution of the Cabinet of Ministers of Ukraine <a href="#">No. 702</a> of 7 August 2013 ‘On Approval of the Technical Regulation on Energy Labelling’	State Service of Ukraine on Food Safety and Consumer Protection’.
	Resolution of the Cabinet of Ministers of Ukraine <a href="#">No. 787</a> of 3 September 2008 ‘On Approval of the Technical Regulation on Maximum Permissible Electric Power Consumption by Refrigerating Appliances’	
	Resolution of the Cabinet of Ministers of Ukraine No. 738 of 14 August 2019 ‘On Approval of the Technical Regulation on Ecodesign Requirements for Household Washing Machines’	

*{The text of the Technical Regulation was taken from the official website of the Cabinet of Ministers of Ukraine}*

# TECHNICAL REGULATION

## on Ecodesign Requirements for Household Washing Machines

### General part

1. This Technical Regulation establishes ecodesign requirements for the placing on the market of electric mains-operated household washing machines and electric mains-operated household washing machines that can also be powered by batteries, including those sold for non-household use and built-in household washing machines.

This Technical Regulation is based on the Commission Regulation (EU) No 1015/2010 of 10 November 2010 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for household washing machines.

2. This Technical Regulation shall not apply to household combined washer-driers.

3. For the purposes of this Technical Regulation, the terms used herein shall have the following meanings:

‘automatic washing machine’ means a washing machine where the load is fully treated by the machine without the need for user intervention at any point during the programme;

‘built-in household washing machine’ means a household washing machine intended to be installed in a cabinet, a prepared recess in a wall or a similar location, requiring furniture finishing;

‘equivalent household washing machine’ means a model of household washing machine placed on the market with the same rated capacity, technical and performance characteristics, energy and water consumption and airborne acoustical noise emissions as another model of household washing machine placed on the market under a different commercial code number by the same manufacturer;

‘remaining moisture content’ means the amount of moisture contained in the load at the end of the spinning phase;

‘rated capacity’ means the maximum mass stated by the manufacturer at intervals of no less than 0,5 kg of dry textiles of a particular type, which can be treated in a household washing machine on the selected programme, when loaded in accordance with the manufacturer’s instructions;

‘household combined washer-drier’ means a household washing machine which includes both a spin extraction function and also a means for drying the textiles, usually by heating and tumbling;

‘household washing machine’ means an automatic washing machine which cleans and rinses textiles using water which also has a spin extraction function and which is designed to be used principally for non-professional purposes;

‘programme’ means a series of operations that are pre-defined and are declared by the manufacturer as suitable for washing certain types of textile;

‘off-mode’ means a condition where the household washing machine is switched off using appliance controls or switches to attain the lowest power consumption that

may persist for an indefinite time while the household washing machine is connected to a power source; Where there is no control or switch, 'off-mode' means the condition of the household washing machine reached after the household washing machine after completion of the programme, reverts to a steady-state power consumption on its own;

'left-on mode' means the lowest power consumption mode of the household washing machine that may persist for an indefinite time after completion of the programme and unloading of the household washing machine without any further intervention by the end-user besides unloading of the household washing machine;

'cycle' means a complete washing, rinsing and spinning process, as defined for the selected programme;

'programme time' means the time that elapses from the initiation of the programme until the completion of the programme excluding any end-user programmed delay;

'partial load' means a part of the rated capacity of a household washing machine for a given programme.

Other terms used herein shall have meanings set out in the Laws of Ukraine 'On Technical Regulations and Conformity Assessment', 'On State Market Surveillance and Control of Non-Food Products', 'On Standardization' and in the Technical Regulation establishing a framework for the setting of ecodesign requirements for energy-related products, approved by the Resolution of the Cabinet of Ministers of Ukraine No 804 of 3 October 2018 (Official Journal of Ukraine, 2018, No 80, p. 2678).

#### Ecodesign requirements

4. The generic ecodesign requirements for household washing machines are set out in point 1 of Annex 1.

The specific ecodesign requirement for household washing machines are set out in point 2 of Annex 1.

#### Conformity assessment

5. Conformity of household washing machine with the requirements of this Technical Regulation shall be assessed by applying the internal design control procedure or the management system conformity assessment procedure set out, respectively, in Annexes 3 and 4 to the Technical Regulation establishing a framework for the setting of ecodesign requirements for energy-related products, approved by the Resolution of the Cabinet of Ministers of Ukraine No 804 of 3 October 2018 (Official Journal of Ukraine, 2018, No 80, p. 2678).

For the purposes of conformity assessment, the technical documentation shall contain a copy of the calculations in accordance with Annex 2.

Where the information included in the technical documentation for a particular household washing machine model has been obtained by calculation with regard to other equivalent washing machines, the technical documentation shall include details of such calculations and tests, undertaken by manufacturers to verify the accuracy of the calculations undertaken. In such a case, the technical documentation shall also include a list of all other equivalent household washing machine models where the information included in the technical documentation was obtained on the same basis.

### State market surveillance

6. Verification of conformity of the characteristics of household washing machines with the requirements of this Technical Regulation in the course of state market surveillance shall be made in accordance with the requirements set out in Annex 3.

### Indicative benchmarks

7. The indicative benchmarks for best-performing household washing machines available on the market are set out in Annex 4.

### Correlation table

8. The correlation table of the provisions of Commission Regulation (EU) No 1015/2010 of 10 November 2010 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for household washing machines and the provisions of this Technical Regulation is set out in Annex 5.

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
Annex 1  
to the Technical Regulation

**ECODESIGN REQUIREMENTS**  
for household washing machines

Generic ecodesign requirements

1. For the calculation of the energy consumption and other parameters for household washing machines, the cycles which clean normally soiled cotton laundry (hereafter referred to as ‘standard cotton programmes’) at 40 °C and 60 °C shall be used. These cycles shall be clearly identifiable on the programme selection device of the household washing machines or the household washing machines display and indicated as ‘standard 60 °C cotton programme’ and ‘standard 40 °C cotton programme’.

In order to ensure a clear identification of a specific standard cotton programmes, symbols that presume conformity with the requirements of the Technical Regulation on Ecodesign Requirements for Household Washing Machines (hereinafter referred to as ‘Technical Regulation’) may be used instead of text; for example, for the standard 60 °C

cotton programme —  .

2. The booklet of instructions provided by the manufacturer shall provide the information on:

the standard 60 °C and 40 °C cotton programmes, referred to as ‘standard 60 °C cotton programme’ and ‘standard 40 °C cotton programme’, and shall specify that they are suitable to clean normally soiled cotton laundry and that they are the most efficient programmes in terms of combined energy and water consumptions for washing that type of cotton laundry; in addition, an indication that the actual water temperature may differ from the declared cycle temperature;

the power consumption of the off-mode and of the left-on mode;

indicative information on the programme time, remaining moisture content, energy and water consumption for the main washing programmes at full or partial load;

recommendation on the type of detergents suitable for the various washing temperatures.

3. Household washing machines shall offer to end-users a cycle at 20 °C. This programme shall be clearly identifiable on the programme selection device of the household washing machines and/or the household washing machines display.

Specific ecodesign requirements

4. Household washing machines shall comply with the following requirements:

1) one year after the Technical Regulation has come into force:

for all household washing machines, the Energy Efficiency Index (EEI) shall be less than 68;

for household washing machines with a rated capacity higher than 3 kg, the Washing Efficiency Index ( $I_w$ ) shall be greater than 1,03;

for household washing machines with a rated capacity equal to or lower than 3 kg, the Washing Efficiency Index ( $I_w$ ) shall be greater than 1;

for all household washing machines, the Water Consumption ( $W_t$ ) shall be:

$$W_t \leq 5 \times c + 35,$$

where  $c$  is the household washing machine's rated capacity for the standard 60 °C cotton programme at full load or for the standard 40 °C cotton programme at full load, whichever is the lower;

2) three years after the Technical Regulation has come into force:

for household washing machines with a rated capacity equal to or higher than 4 kg, the Energy Efficiency Index (EEI) shall be less than 59;

for all household washing machines, the water consumption shall be:

$$W_t \leq 5 \times c_{1/2} + 35,$$

where  $c_{1/2}$  is the household washing machine's rated capacity for the standard 60 °C cotton programme at partial load or for the standard 40 °C cotton programme at partial load, whichever is the lower.

The Energy Efficiency Index (EEI), the Washing Efficiency Index ( $I_w$ ) and the Water Consumption ( $W_t$ ) are calculated in accordance with Annex 2 to the Technical Regulation.

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Annex 2  
to the Technical Regulation

METHODS

for calculating the Energy Efficiency Index, Washing Efficiency Index, water consumption and remaining moisture content

Calculation of the Energy Efficiency Index

1. For the calculation of the Energy Efficiency Index (EEI) of a household washing machine, the weighted annual energy consumption of a household washing machine for the standard 60 °C cotton programme at full or partial load and for the standard 40 °C cotton programme at partial load is compared to its standard annual energy consumption.

2. The Energy Efficiency Index (EEI) is calculated as follows and rounded to one decimal place:

$$EEI = \frac{AE_c}{SAE_c} \times 100$$

where  $AE_c$  is the weighted annual energy consumption of the household washing machine;

$SAE_c$  is the standard annual energy consumption of the household washing machine.

3. The standard annual energy consumption ( $SAE_c$ ) is calculated as follows:

$$SAE_c = 47 \times c + 51,7$$

where  $c$  is the household washing machine's rated capacity for the standard 60 °C cotton programme at full load or for the standard 40 °C cotton programme at full load, whichever is the lower.

4. The weighted annual energy consumption ( $AE_c$ ), is calculated in kWh/year as follows and is rounded to two decimal places:

$$AE_c = E_t \times 220 + \frac{P_o \times \frac{525600 - (T_t \times 220)}{2} + P_l \times \frac{525600 - (T_t \times 220)}{2}}{60 \times 1000}$$

where  $E_t$  is the weighted energy consumption;

$P_o$  is the weighted power in 'off-mode';

$P_l$  is the weighted power in the 'left-on mode';

$T_t$  is the programme time;

220 is the total number of standard washing cycles per year.

5. Where the household washing machine is equipped with a power management system, with the household washing machine reverting automatically to 'off-mode' after the end of the programme, the weighted annual energy consumption ( $AE_c$ ) is calculated



taking into consideration the effective duration of the ‘left-on mode’, according to the following formula:

$$AE_c = E_t \times 220 + \frac{((P_1 \times T_1 \times 220) + P_0 \times (525600 - (T_1 \times 220) - (T_1 \times 220)))}{60 \times 1000},$$

where  $T_1$  is the time in ‘left-on mode’.

6. The weighted energy consumption ( $E_t$ ) is calculated in kWh as follows and rounded to three decimal places:

$$E_t = \frac{(3 \times E_{t,60} + 2 \times E_{t,60\ 1/2} + 2 \times E_{t,40\ 1/2})}{7},$$

where  $E_{t,60}$  is the energy consumption of the standard 60 °C cotton programme;

$E_{t,60\ 1/2}$  is the energy consumption of the standard 60 °C cotton programme at partial load;

$E_{t,40\ 1/2}$  is the energy consumption of the standard 40 °C cotton programme at partial load.

7. The weighted power in ‘off-mode’ ( $P_o$ ) is calculated in W as follows and rounded to two decimal places:

$$P_o = \frac{(3 \times P_{0,60} + 2 \times P_{0,60\ 1/2} + 2 \times P_{0,40\ 1/2})}{7},$$

where  $P_{0,60}$  is the power in ‘off-mode’ of the standard 60 °C cotton programme at full load;

$P_{0,60\ 1/2}$  is the power in ‘off-mode’ of the standard 60 °C cotton programme at partial load;

$P_{0,40\ 1/2}$  is the power in ‘off-mode’ of the standard 40 °C cotton programme at partial load.

8. The weighted power in the ‘left-on mode’ ( $P_1$ ) is calculated in kW as follows and rounded to two decimal places:

$$P_1 = \frac{(3 \times P_{1,60} + 2 \times P_{1,60\ 1/2} + 2 \times P_{1,40\ 1/2})}{7},$$

where  $P_{1,60}$  is the power in ‘off-mode’ of the standard 60 °C cotton programme at full load;

$P_{1,60\ 1/2}$  is the power in ‘off-mode’ of the standard 60 °C cotton programme at partial load;

$P_{1,40\ 1/2}$  is the power in ‘off-mode’ of the standard 40 °C cotton programme at partial load.

9. The weighted programme time ( $T_t$ ) is calculated in minutes as follows and rounded to the nearest minute:

$$T_t = \frac{(3 \times T_{t,60} + 2 \times T_{t,60\ 1/2} + 2 \times T_{t,40\ 1/2})}{7},$$

where  $T_{t,60}$  is the programme time of the standard 60 °C cotton programme at full load;

$T_{t,60\ 1/2}$  is the programme time of the standard 60 °C cotton programme at partial load;

$T_{t,40\ 1/2}$  is the programme time of the standard 40 °C cotton programme at partial load.

10. The weighted time in 'left-on mode' ( $T_1$ ) is calculated in minutes as follows and rounded to the nearest minute:

$$T_1 = \frac{(3 \times T_{t,60} + 2 \times T_{t,60\ 1/2} + 2 \times T_{t,40\ 1/2})}{7},$$

where  $T_{t,60}$  is the time in 'left-on mode' of the standard 60 °C cotton programme at full load;

$T_{t,60\ 1/2}$  is the time in 'left-on mode' of the standard 60 °C cotton programme at partial load;

$T_{t,40\ 1/2}$  is the time in 'left-on mode' of the standard 40 °C cotton programme at partial load.

#### Calculation of the Washing Efficiency Index

11. For the calculation of the Washing Efficiency Index ( $I_w$ ), the weighted washing efficiency of the household washing machine for the standard 60 °C cotton programme at full and partial load and for the standard 40 °C cotton programme at partial load is compared to the washing efficiency of a reference washing machine, where the reference washing machine shall have the characteristics indicated in the generally recognised state-of-the-art measurement methods.

12. The Washing Efficiency Index ( $I_w$ ) is calculated as follows and rounded to three decimal places:

$$I_w = \frac{3 \times I_{w,60} + 2 \times I_{w,60\ 1/2} + 2 \times I_{w,40\ 1/2}}{7},$$

where  $I_{w,60}$  is the Washing Efficiency Index of the standard 60 °C cotton programme at full load;

$I_{w,60\ 1/2}$  Washing Efficiency Index of the standard 60 °C cotton programme at partial load;

$I_{w,40\ 1/2}$  Washing Efficiency Index of the standard 40 °C cotton programme at partial load.

13. The Washing Efficiency Index of one standard cotton programme ( $I_{w,p}$ ) is calculated as follows:

$$I_{w,p} = \frac{1}{n} \times \sum_{i=1}^n \left( \frac{W_{T,i}}{W_{R,a}} \right),$$

where  $W_{T,i}$  is the Washing Efficiency of the household washing machine under test for one test cycle (i);

$W_{R,a}$  is the Average Washing Efficiency of the reference washing machine;

$n$  is the number of test cycles,  $n \geq 3$  for the standard 60 °C cotton programme at full load,  $n \geq 2$  for the standard 60 °C cotton programme at partial load and  $n \geq 2$  for the standard 40 °C cotton programme at partial load.

#### Calculation of water consumption

14. The water consumption ( $W_t$ ) is calculated as follows and rounded to one decimal place:

$$W_t = W_{t,60},$$

where  $W_{t,60}$  is the water consumption of the standard 60 °C cotton programme at full load.

#### Calculation of the remaining moisture content

15. The remaining moisture content ( $D$ ) of a programme is calculated in percentage and rounded to the nearest whole percent.

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Annex 3  
to the Technical Regulation

REQUIREMENTS

for verifying conformity of household washing machines with the requirements of the  
Technical Regulation on Ecodesign Requirements for Household Washing Machines  
during state market surveillance

1. The verification tolerances referred to in these requirements are to be applied by state market surveillance bodies and shall not be used by the manufacturer or importer to establish the values in the technical documentation or in interpreting these values with a view to achieving compliance or to communicate better performance by any means.

2. The verification of conformity of household washing machines with the requirements of the Technical Regulation on Ecodesign Requirements for Household Washing Machines (hereinafter referred to as ‘Technical Regulation’) shall be carried out by market surveillance authorities in the following way:

1) one single household washing machine per model shall be tested;

2) a household washing machine model shall be considered to comply with the requirements of the Technical Regulation, where:

the values given in the technical documentation and the values used to calculate these values, are not more favourable for the manufacturer or importer than the results of the corresponding measurements;

the declared values meet the requirements laid down in the Technical Regulation, and the necessary product information provided by the manufacturer or importer does not contain values that are more favourable for the manufacturer or importer;

when the state market surveillance authorities test the household washing machine, the determined parameters and the values comply with the respective verification tolerances as given in the Table;

3) if the results referred to in the second or third indent of subpoint 2 of this point are not achieved, the household washing machine model, along with the other models listed as equivalent models in the manufacturer’s or importer’s technical documentation, shall be considered not to comply with the requirements of the Technical Regulation;

4) if the result referred to in the fourth indent of subpoint 2 of this point is not achieved, the state market surveillance authorities shall select three additional household washing machines of the same model for testing or three household washing machines that have been listed as equivalent household washing machine in the manufacturer’s or importer’s technical documentation;

5) the model shall be considered to comply with the requirements of the Technical Regulation if, for these three household washing machines, the arithmetical mean of the determined values complies with the respective verification tolerances given in the Table;

6) if the result referred to in subpoint 5 of this point is achieved, the household washing machine model, along with the other models listed as equivalent models in the manufacturer’s or importer’s technical documentation, shall be considered not to comply with the requirements of the Technical Regulation.

3. The state market surveillance authorities shall use the calculation methods set out in Annex 2 to the Technical Regulation.

The state market surveillance authorities shall only apply the verification tolerances that are set out in the Table, taking into account the requirements set out in subpoints 1 to 6 of point 2 of this Annex. No other tolerances, such as those set out in national standards that are identical to the European harmonised standards, shall be applied.

Table

Parameters to be checked	Verification tolerances
Annual energy consumption ( $AE_c$ )	the determined value shall not be greater than the rated value of $AE_c$ by more than 10 %
Washing efficiency index ( $I_w$ )	the determined value shall not be less than the rated value by more than 4%
Energy consumption ( $E_t$ )	the determined value shall not be greater than the rated value of $E_t$ by more than 10 %. Where it is necessary to select three additional items, the arithmetic mean of the determined value for those three additional items shall not be greater than the rated value of $E_t$ by more than 6 %
Programme time ( $T_t$ )	the determined value shall not be longer than the rated values of $T_t$ by more than 10%
Water consumption ( $W_t$ )	the determined value shall not be greater than the rated value of $W_t$ by more than 10 %
Power consumption in off-mode and left-on mode ( $P_o$ ) and ( $P_l$ )	the determined value of power consumption $P_o$ and $P_l$ of more than 1 W shall not be greater than the rated value of power consumption $P_o$ and $P_l$ by more than 10 % The determined value of power consumption $P_o$ and $P_l$ of less than or equal to 1 W shall not be greater than the rated value of power consumption $P_o$ and $P_l$ by more than 0,1 W
Duration of the left-on mode ( $T_l$ )	the determined value shall not be longer than the rated value of $T_l$ by more than 10 %.

Annex 4  
to the Technical Regulation

INDICATIVE BENCHMARKS

At the time of entry into force of the Technical Regulation on Ecodesign Requirements for Household Washing Machines, the indicative benchmarks for the best available technology on the market for household washing machines, in terms of their energy efficiency, energy consumption (in accordance with Annex 2 to that Technical Regulation, for evaluation of the annual energy consumption, the programme of 90 min along with an off-mode power of 1 W and a left-on mode power of 2 W shall be used), water consumption, washing efficiency and airborne acoustical noise emissions for the standard 60 °C cotton programme at full load, are identified as follows:

for household washing machines with a rated capacity of 3 kg:

- energy consumption: 0,57 kWh/cycle (or 0,19 kWh/kg), corresponding to an overall annual energy consumption of 117,84 kWh/year, of which 105,34 kWh/year for 220 cycles and 12,5 kWh/year during the low-power modes;

- water consumption: 39 litres/cycle, corresponding to 8580 litres/year for 220 cycles;

- washing efficiency index:  $1,03 \geq I_w > 1$ ;

airborne acoustical noise emissions during washing/spinning (900 rpm): not available;

for household washing machines with a rated capacity of 3,5 kg:

energy consumption: 0,66 kWh/cycle (or 0,19 kWh/kg), corresponding to an overall annual energy consumption of 134,5 kWh/year, of which 122 kWh/year for 220 cycles and 12,5 kWh/year during the low-power modes;

water consumption: 39 litres/cycle, corresponding to 8580 litres/year for 220 cycles;

washing efficiency index ( $I_w$  of 1,03);

airborne acoustical noise emissions during washing/spinning (1100 rpm): not available;

for household washing machines with a rated capacity of 4,5 kg:

energy consumption: 0,76 kWh/cycle (or 0,17 kWh/kg), corresponding to an overall annual energy consumption of 152,95 kWh/year, of which 140,45 kWh/year for 220 cycles and 12,5 kWh/year during the low-power modes;

water consumption: 40 litres/cycle, corresponding to 8800 litres/year for 220 cycles;

washing efficiency index ( $I_w$  of 1,03);

airborne acoustical noise emissions during washing/spinning (1000 rpm): 55/70 dB(A) re 1 pW;

for household washing machines with a rated capacity of 5 kg:

energy consumption: 0,85 kWh/cycle (or 0,17 kWh/kg), corresponding to an overall annual energy consumption of 169,6 kWh/year, of which 157,08 kWh/year for 220 cycles and 12,5 kWh/year during the low-power modes;

water consumption: 39 litres/cycle, corresponding to 8580 litres/year for 220 cycles;

washing efficiency index ( $I_w$  of 1,03);

airborne acoustical noise emissions during washing/spinning (1200 rpm): 53/73 dB(A) re 1 pW;

for household washing machines with a rated capacity of 6 kg:

energy consumption: 0,9 kWh/cycle (or 0,15 kWh/kg), corresponding to an overall annual energy consumption of 178,82 kWh/year, of which 166,32 kWh/year for 220 cycles and 12,5 kWh/year during the low-power modes;

water consumption: 37 litres/cycle, corresponding to 8140 litres/year for 220 cycles;

washing efficiency index ( $I_w$  of 1,03);

airborne acoustical noise emissions during washing/spinning (1600 rpm): not available;

for household washing machines with a rated capacity of 7 kg:

energy consumption: 1,05 kWh/cycle (or 0,15 kWh/kg), corresponding to an overall annual energy consumption of 201 kWh/year, of which 188,5 kWh/year for 220 cycles and 12,5 kWh/year during the low-power modes;

water consumption: 43 litres/cycle, corresponding to 9460 litres/year for 220 cycles;

washing efficiency index ( $I_w$  of 1,03);

airborne acoustical noise emissions during washing/spinning (1000 rpm): 57/73 dB(A) re 1 pW;

airborne acoustical noise emissions during washing/spinning (1400 rpm): 59/76 dB(A) re 1 pW;

airborne acoustical noise emissions during washing/spinning (1200 rpm): 48/62 dB(A) re 1 pW (for built-in household washing machines);

for household washing machines with a rated capacity of 8 kg:

energy consumption: 1,2 kWh/cycle (or 0,15 kWh/kg), corresponding to an overall annual energy consumption of 234,26 kWh/year, of which 221,76 kWh/year for 220 cycles and 12,5 kWh/year during the low-power modes;

water consumption: 56 litres/cycle, corresponding to 12320 litres/year for 220 cycles;

washing efficiency index ( $I_w$  of 1,03);

airborne acoustical noise emissions during washing/spinning (1400 rpm): 54/71 dB(A) re 1 pW;

airborne acoustical noise emissions during washing/spinning (1600 rpm):  
54/74 dB(A) re 1 pW.

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Annex 5  
to the Technical Regulation

CORRELATION TABLE

of the provisions of Commission Regulation (EU) No 1015/2010 of 10 November 2010 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for household washing machines and the provisions of the Technical Regulation on Ecodesign Requirements for Household Washing Machines

Provisions of the Commission Regulation (EU)	Provisions of the Technical Regulation
Article 1(1)	point 1
Article 1(2)	point 2
First indent of Article 2	point 3
Article 2(1)	eighth indent of point 3
Article 2(2)	third indent of point 3
Article 2(3)	second indent of point 3
Article 2(4)	seventh indent of point 3
Article 2(5)	ninth indent of point 3
Article 2(6)	twelfth indent of point 3
Article 2(7)	thirteenth indent of point 3
Article 2(8)	sixth indent of point 3
Article 2(9)	fourteenth indent of point 3
Article 2(10)	fifth indent of point 3
Article 2(11)	tenth indent of point 3
Article 2(12)	eleventh indent of point 3
Article 2(13)	fourth indent of point 3
Article 3	point 4
Article 4	point 5
Article 5	point 6
Article 6	point 7
Article 7	
Article 8	
Annex I	annex 1
Annex II	annex 2
Annex III	annex 3
Annex IV	annex 4