

The following samples were submitted and identified on behalf of the client as:

<p>COMMISSION DELEGATED REGULATION (EU) No 2019/2018 supplementing Regulation (EU) 2017/1369 of the European Parliament and of the Council with regard to energy labelling of refrigerating appliances with a direct sales function</p> <p>COMMISSION REGULATION (EU) No 2019/2024 laying down ecodesign requirements for refrigerating appliances with a direct sales function pursuant to Directive 2009/125/EC</p>	
Report Reference No.	GZES200802624231
Tested by (name + signature)	San Li /Project engineer 
Approved by (+ signature)	Sky Lin /Reviewer 
Date of issue	2020-09-14
Testing Laboratory	SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch
Address	Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China
Applicant's name	Guangdong Sansheng Appliances Co., Ltd.
Address	22 XINHUI ROAD, SHUNDE SCIENCE & TECHNOLOGY INDUSTRIAL PARK, WUSHA, DALIANG, SHUNDE, FOSHAN, GUANGDONG, CHINA
Test specification:	
Standard	(EU) No 2019/2024; (EU) No 2019/2018.
Test procedure	STR: Regulation (EU) 2017/1369 and Directive 2009/125/EC
Non-standard test method	None
Test Report Form No.	(EU) No 2019/2024_A
Test Report Form(s) Originator	SGS-CSTC
Master TRF	2020-06-01
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Test item description	Commercial Beverage Cooler (Upright Display Cooler)
Trade Mark	/
Manufacturer	Same as applicant
Model/Type reference	LG-138HE
Factory	Same as applicant
Ratings	Refer to marking plate



Summary of testing:

Tests performed (name of test and test clause):

(EU) No 2019/2024;
(EU) No 2019/2018.

- ISO 23953-2:2015;
- EN 50597:2018;
- EN 16901:2016;
- EN 16902:2016;
- EN 16838:2019

Testing location:

SGS-CSTC Standards Technical Services Co., Ltd.
Shunde Branch
Building 1, European Industrial Park, No.1, Shunhe
South Road, Wusha, Daliang, Shunde District,
Foshan, Guangdong, China

Copy of marking plate (The below label maybe only draft):

BACK BAR COOLER

ELECTRIC CIRCUIT DIAGRAM

MODEL	LG-138HE
TEST ROOM CLIMATE CLASS	CC2
M-CAN TEMPERATURE CLASS	K1
PROTECTIVE CLASSIFICATION OF ELECTRIC SHOCK RESISTANCE	I
DEGREE OF PROTECTION AGAINST INGRESS OF WATER	IP X0
RATED VOLTAGE	220-240V~
RATED FREQUENCY	50Hz
NET VOLUME	118L
GROSS VOLUME	133L
RATED INPUT POWER	120W
RATED CURRENT	0.58A
LAMP POWER	MAX 3W
REFRIGERANT	R600a(19g)
ENERGY CONSUMPTION	1.2kWh/24h
INSULATION BLOWING GAS	CYCLOPENTANE
NET WEIGHT	38kg

Guangdong Sansheng Appliances Co., Ltd.
No.22 Xinhui Road, Shunde Science & Technology Industrial Park, Wusha, Daliang, Shunde District, Foshan City, Guangdong PRC.

Test item information:	
Classification of installation and use	Free standing
Supply Connection	Non-detachable power cord fitted with plug
Appliance designation.....	Commercial beverage coolers
Product parameters:	
Overall space required in use (WxDxH) (mm)	1174 x 1108 x 895
Overall dimensions (mm) (WxDxH) (mm)	600 x 530 x 895
Refrigerant type.....	R600a /19 g
Possible test case verdicts:	
- test case does not apply to the test object.....	N/A
- test object does meet the requirement	P (Pass)
- test object does not meet the requirement	F (Fail)
Testing	
Date of receipt of test item.....	2020-08-15
Date (s) of performance of tests.....	2020-08-15 to 2020-09-04
General remarks:	
<p>The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory. "(see Attachment #)" refers to additional information appended to the report. "(see appended table)" refers to a table appended to the report.</p> <p>Throughout this report a comma is used as the decimal separator. This document is issued by the company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.</p> <p>Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.</p> <p>Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 1 months. This document cannot be reproduced except in full, without prior approval of the company.</p>	
General product information:	
Commercial beverage coolers for commercial and indoor used.	

COMMISSION DELEGATED REGULATION (EU) No 2019/2018																			
Cl.	Requirement-Test	Result-Remark	Verdict																
Annex II	Energy efficiency classes		—																
	The energy efficiency class of a refrigerating appliance with a direct sales function shall be determined on the basis of its EEI as set out in Table 1.		P																
	The Energy EEI of a refrigerating appliance with a direct sales function shall be determined in accordance with point 2 of Annex IV.		P																
	<p style="text-align: center;"><i>Table 1</i></p> <p style="text-align: center;">Energy efficiency classes of refrigerating appliances with a direct sales function</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Energy Efficiency Class</th> <th style="width: 50%;">EEI</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">$EEI < 10$</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">$10 \leq EEI < 20$</td> </tr> <tr> <td style="text-align: center;">C</td> <td style="text-align: center;">$20 \leq EEI < 35$</td> </tr> <tr> <td style="text-align: center;">D</td> <td style="text-align: center;">$35 \leq EEI < 50$</td> </tr> <tr> <td style="text-align: center;">E</td> <td style="text-align: center;">$50 \leq EEI < 65$</td> </tr> <tr> <td style="text-align: center;">F</td> <td style="text-align: center;">$65 \leq EEI < 80$</td> </tr> <tr> <td style="text-align: center;">G</td> <td style="text-align: center;">$EEI \geq 80$</td> </tr> </tbody> </table>		Energy Efficiency Class	EEI	A	$EEI < 10$	B	$10 \leq EEI < 20$	C	$20 \leq EEI < 35$	D	$35 \leq EEI < 50$	E	$50 \leq EEI < 65$	F	$65 \leq EEI < 80$	G	$EEI \geq 80$	P
Energy Efficiency Class	EEI																		
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F	$65 \leq EEI < 80$																		
G	$EEI \geq 80$																		
ANNEX III	Label for refrigerating appliances with a direct sales function		—																
1	LABEL FOR REFRIGERATING APPLIANCES WITH A DIRECT SALES FUNCTION, EXCEPT FOR BEVERAGE COOLERS AND ICE-CREAM FREEZERS		N/A																
	The label design and information shall according to the requirements of 1.1 and 1.2		N/A																
2	LABEL FOR BEVERAGE COOLERS		P																
	The label design and information shall according to the requirements of 2.1 and 2.2		P																
3	LABEL FOR ICE-CREAM FREEZERS		N/A																
	The label design and information shall according to the requirements of 3.1 and 3.2		N/A																
4	Label design		P																
	The label design shall according to the 4.1, 4.2, 4,3 and 4.4		P																
ANNEX IV	Measurement methods and calculations		—																

COMMISSION DELEGATED REGULATION (EU) No 2019/2018																			
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	For the purposes of compliance and verification of compliance with the requirements of this Regulation, measurements and calculations shall be made using harmonised standards, or other reliable, accurate and reproducible methods, which take into account the generally recognised state-of-the-art methods and are in line with the following provisions set out below. The reference numbers of these harmonised standards have been published for this purpose in the Official Journal of the European Union.		P																
1.	General conditions for testing:		P																
(a)	the ambient conditions shall correspond to Set 1, except for ice-cream freezers and gelato scooping cabinets which shall be tested in ambient conditions corresponding to Set 2, as set out in Table 2.	Set 1	P																
	<p style="text-align: center;">Table 2 Ambient conditions</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Dry bulb temperature, °C</th> <th>Relative humidity, %</th> <th>Dew point, °C</th> <th>Water vapour mass in dry air, g/kg</th> </tr> </thead> <tbody> <tr> <td>Set 1</td> <td style="text-align: center;">25</td> <td style="text-align: center;">60</td> <td style="text-align: center;">16,7</td> <td style="text-align: center;">12,0</td> </tr> <tr> <td>Set 2</td> <td style="text-align: center;">30</td> <td style="text-align: center;">55</td> <td style="text-align: center;">20,0</td> <td style="text-align: center;">14,8</td> </tr> </tbody> </table>				Dry bulb temperature, °C	Relative humidity, %	Dew point, °C	Water vapour mass in dry air, g/kg	Set 1	25	60	16,7	12,0	Set 2	30	55	20,0	14,8	—
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Set 1	25	60	16,7	12,0															
Set 2	30	55	20,0	14,8															
(b)	where a compartment can be set to different temperatures, it shall be tested at the lowest operating temperature		N/A																
(c)	refrigerated vending machines with compartments with variable volumes shall be tested with the net volume of the compartment with the highest operating temperature adjusted to its minimum net volume.		N/A																
(d)	for beverage coolers, the specified cooling speed shall be according to the half reload recovery time.		P																
3	Determination of the EEI:	Refer to Summary result table and general product specification table	P																
(a)	For all refrigerating appliances with a direct sales function, the EEI, expressed in % and rounded to the first decimal place, is the ratio of the AE (in kWh/a) and the reference SAE (in kWh/a) and is calculated as: $EEI = AE/SAE.$		P																
(b)	The AE, expressed in kWh/a and rounded to two decimal places, is calculated as follows: $AE = 365 \times E_{daily}$ with: -Edaily is the energy consumption of the refrigerating appliance with a direct sales function over 24 hours, expressed in kWh/24h and rounded to three decimal places.		P																

COMMISSION DELEGATED REGULATION (EU) No 2019/2018																																				
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(c)	<p>The SAE is expressed in kWh/a and rounded to two decimal places. For refrigerating appliances with a direct sales function with all compartments having the same temperature class and for refrigerated vending machines, the SAE is calculated as follows:</p> $SAE = 365 \times P \times (M + N \times Y) \times C;$		P																																	
	<p>For refrigerating appliances with a direct sales function with more than one compartment having different temperature classes, with the exception of refrigerated vending machines, the SAE is calculated as follows:</p> $SAE = 365 \times P \times \sum_{c=1}^n (M + N \times Y_c) \times C_c;$ <p>where: c is the index number for a compartment type ranging from 1 to n, with n being the total number of compartment types.</p>		N/A																																	
	The values of M and N are given in Table 3.	Refer to general product specification table	P																																	
	<p style="text-align: center;">Table 3 M and N values</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Category</th> <th style="width: 25%;">Value for M</th> <th style="width: 25%;">Value for N</th> </tr> </thead> <tbody> <tr> <td>Beverage coolers</td> <td style="text-align: center;">2,1</td> <td style="text-align: center;">0,006</td> </tr> <tr> <td>Ice-cream freezers</td> <td style="text-align: center;">2,0</td> <td style="text-align: center;">0,009</td> </tr> <tr> <td>Refrigerated vending machines</td> <td style="text-align: center;">4,1</td> <td style="text-align: center;">0,004</td> </tr> <tr> <td>Gelato-scooping cabinets</td> <td style="text-align: center;">25,0</td> <td style="text-align: center;">30,400</td> </tr> <tr> <td>Vertical and combined supermarket refrigerator cabinets</td> <td style="text-align: center;">9,1</td> <td style="text-align: center;">9,100</td> </tr> <tr> <td>Horizontal supermarket refrigerator cabinets</td> <td style="text-align: center;">3,7</td> <td style="text-align: center;">3,500</td> </tr> <tr> <td>Vertical and combined supermarket freezer cabinets</td> <td style="text-align: center;">7,5</td> <td style="text-align: center;">19,300</td> </tr> <tr> <td>Horizontal supermarket freezer cabinets</td> <td style="text-align: center;">4,0</td> <td style="text-align: center;">10,300</td> </tr> <tr> <td>Roll-in cabinets (from 1 March 2021)</td> <td style="text-align: center;">9,2</td> <td style="text-align: center;">11,600</td> </tr> <tr> <td>Roll-in cabinets (from 1 September 2023)</td> <td style="text-align: center;">9,1</td> <td style="text-align: center;">9,100</td> </tr> </tbody> </table>		Category	Value for M	Value for N	Beverage coolers	2,1	0,006	Ice-cream freezers	2,0	0,009	Refrigerated vending machines	4,1	0,004	Gelato-scooping cabinets	25,0	30,400	Vertical and combined supermarket refrigerator cabinets	9,1	9,100	Horizontal supermarket refrigerator cabinets	3,7	3,500	Vertical and combined supermarket freezer cabinets	7,5	19,300	Horizontal supermarket freezer cabinets	4,0	10,300	Roll-in cabinets (from 1 March 2021)	9,2	11,600	Roll-in cabinets (from 1 September 2023)	9,1	9,100	—
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	The values of C, the temperature coefficient are given in Table 4.	Refer to general product specification table	P																																	

Table 4

Temperature conditions and corresponding temperature coefficient values, C

(a) Supermarket cabinets

Category	Temperature class	Highest temperature of warmest M-package (°C)	Lowest temperature of coldest M-package (°C)	Highest minimum temperature of all M-package (°C)	Value for C
Vertical, combined supermarket refrigerator cabinets	M2	≤ +7	≥ -1	n.a.	1,00
	H1 and H2	≤ +10	≥ -1	n.a.	0,82
	M1	≤ +5	≥ -1	n.a.	1,15
Horizontal supermarket refrigerator cabinets	M2	≤ +7	≥ -1	n.a.	1,00
	H1 and H2	≤ +10	≥ -1	n.a.	0,92
	M1	≤ +5	≥ -1	n.a.	1,08
Vertical and combined supermarket freezer cabinets	L1	≤ -15	n.a.	≤ -18	1,00
	L2	≤ -12	n.a.	≤ -18	0,90
	L3	≤ -12	n.a.	≤ -15	0,90
Horizontal supermarket freezer cabinets	L1	≤ -15	n.a.	≤ -18	1,00
	L2	≤ -12	n.a.	≤ -18	0,92
	L3	≤ -12	n.a.	≤ -15	0,92

(b) Gelato-scooping cabinets

Temperature class	Highest temperature of warmest M-package (°C)	Lowest temperature of coldest M-package (°C)	Highest minimum temperature of all M-package (°C)	Value for C
G1	-10	-14	n.a.	1,00
G2	-10	-16	n.a.	1,00
G3	-10	-18	n.a.	1,00
L1	-15	n.a.	-18	1,00
L2	-12	n.a.	-18	1,00
L3	-12	n.a.	-15	1,00
S	Special classification			1,00

COMMISSION DELEGATED REGULATION (EU) No 2019/2018																					
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	<p>(c) Refrigerated vending machines</p> <table border="1"> <thead> <tr> <th>Temperature class (**)</th> <th>Maximum measured product temperature (T_m) (°C)</th> <th>Value for C</th> </tr> </thead> <tbody> <tr> <td>Category 1</td> <td>7</td> <td rowspan="5">1+(12-T_v)/25</td> </tr> <tr> <td>Category 2</td> <td>12</td> </tr> <tr> <td>Category 3</td> <td>3</td> </tr> <tr> <td>Category 4</td> <td>(T_{v1}+T_{v2})/2 (*)</td> </tr> <tr> <td>Category 6</td> <td>(T_{v1}+T_{v2})/2 (*)</td> </tr> </tbody> </table> <p>(d) other refrigerating appliances with a direct sales function</p> <table border="1"> <thead> <tr> <th>Category</th> <th>Value for C</th> </tr> </thead> <tbody> <tr> <td>Other appliances</td> <td>1,00</td> </tr> </tbody> </table> <p>Notes:</p> <p>(*) For multi-temperature vending machines, T_v shall be the average of T_{v1} (the maximum measured product temperature in the warmest compartment) and T_{v2} (the maximum measured product temperature in the coldest compartment).</p> <p>(**) category 1 = refrigerated closed fronted can and bottle machines where the products are held in stacks, category 2 = refrigerated glass fronted can and bottle, confectionery & snack machines, category 3 = refrigerated glass fronted machines entirely for perishable foodstuffs, category 4 = refrigerated multi-temperature glass fronted machines, category 6 = combination machines consisting of different categories of machine in the same housing and powered by one chiller. n.a = not applicable</p>	Temperature class (**)	Maximum measured product temperature (T _m) (°C)	Value for C	Category 1	7	1+(12-T _v)/25	Category 2	12	Category 3	3	Category 4	(T _{v1} +T _{v2})/2 (*)	Category 6	(T _{v1} +T _{v2})/2 (*)	Category	Value for C	Other appliances	1,00		
Temperature class (**)	Maximum measured product temperature (T _m) (°C)	Value for C																			
Category 1	7	1+(12-T _v)/25																			
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Category 6	(T _{v1} +T _{v2})/2 (*)																				
Category	Value for C																				
Other appliances	1,00																				
	(4) Coefficient Y is calculated as follows:		—																		
	<p>for beverage coolers:</p> <p>Y_c is the equivalent volume of the compartments of the beverage cooler with target temperature T_c, (V_{eqc}), calculated as follows:</p> $Y_c = V_{eqc} = \text{GrossVolume}_c \times ((25 - T_c)/20) \times CC;$ <p>where T_c is the average compartment classification temperature of the compartment and CC is the climate class factor. The values for T_c are set out in Table 5. The values for CC are set out in Table 6.</p>	Refer to general product specification table	P																		

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Cl.	Requirement-Test	Result-Remark	Verdict																						
	<p style="text-align: center;"><i>Table 5</i></p> <p style="text-align: center;">Temperature classes and corresponding average compartment temperatures (T_c) for beverage coolers</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Temperature class</th> <th style="width: 50%;">T_c (°C)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">K1</td> <td style="text-align: center;">+3,5</td> </tr> <tr> <td style="text-align: center;">K2</td> <td style="text-align: center;">+2,5</td> </tr> <tr> <td style="text-align: center;">K3</td> <td style="text-align: center;">-1,0</td> </tr> <tr> <td style="text-align: center;">K4</td> <td style="text-align: center;">+5,0</td> </tr> </tbody> </table> <p style="text-align: center;"><i>Table 6</i></p> <p style="text-align: center;">Operating conditions and CC values for beverage coolers</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Warmest ambient temperature (°C)</th> <th style="width: 33%;">Ambient relative humidity (%)</th> <th style="width: 33%;">CC</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">+25</td> <td style="text-align: center;">60</td> <td style="text-align: center;">1,00</td> </tr> <tr> <td style="text-align: center;">+32</td> <td style="text-align: center;">65</td> <td style="text-align: center;">1,05</td> </tr> <tr> <td style="text-align: center;">+40</td> <td style="text-align: center;">75</td> <td style="text-align: center;">1,10</td> </tr> </tbody> </table>	Temperature class	T _c (°C)	K1	+3,5	K2	+2,5	K3	-1,0	K4	+5,0	Warmest ambient temperature (°C)	Ambient relative humidity (%)	CC	+25	60	1,00	+32	65	1,05	+40	75	1,10		—
Temperature class	T _c (°C)																								
K1	+3,5																								
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Warmest ambient temperature (°C)	Ambient relative humidity (%)	CC																							
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+40	75	1,10																							
	<p>for ice-cream freezers: Y_c is the equivalent volume of compartments of the ice-cream freezer with target temperature T_c, (V_{eqc}), calculated as follows: $Y_c = V_{eqc} = \text{NetVolume} \times ((12 - T_c)/30) \times CC;$ where T_c is the average compartment classification temperature of the compartment and CC is the climate class factor. The values for T_c are set out in Table 7. The values for CC are set out in Table 8.</p>		N/A																						

COMMISSION DELEGATED REGULATION (EU) No 2019/2018																																																		
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	<p style="text-align: center;">Table 7 Temperature classes and corresponding average compartment temperatures (Tc) for ice-cream freezers</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Temperature class</th> <th rowspan="2">Tc (°C)</th> </tr> <tr> <th>Warmest M-package temperature colder or equal to in all tests (except lid opening test) (°C)</th> <th>Warmest M-package maximum temperature rise allowed during the lid opening test (°C)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">-18</td> <td style="text-align: center;">2</td> <td style="text-align: center;">-18,0</td> </tr> <tr> <td style="text-align: center;">-7</td> <td style="text-align: center;">2</td> <td style="text-align: center;">-7,0</td> </tr> </tbody> </table> <p style="text-align: center;">Table 8 Operating conditions and corresponding CC values for ice-cream freezers</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">Minimum</th> <th colspan="2">Maximum</th> <th rowspan="2">CC</th> </tr> <tr> <th>Ambient temperature (°C)</th> <th>Ambient relative humidity (%)</th> <th>Ambient temperature (°C)</th> <th>Ambient relative humidity (%)</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Ice-cream freezer with transparent lid</td> <td rowspan="3" style="text-align: center;">16</td> <td rowspan="3" style="text-align: center;">80</td> <td style="text-align: center;">30</td> <td style="text-align: center;">55</td> <td style="text-align: center;">1,00</td> </tr> <tr> <td style="text-align: center;">35</td> <td style="text-align: center;">75</td> <td style="text-align: center;">1,10</td> </tr> <tr> <td style="text-align: center;">40</td> <td style="text-align: center;">40</td> <td style="text-align: center;">1,20</td> </tr> <tr> <td rowspan="3">Ice-cream freezer with non-transparent lid</td> <td rowspan="3" style="text-align: center;">16</td> <td rowspan="3" style="text-align: center;">80</td> <td style="text-align: center;">30</td> <td style="text-align: center;">55</td> <td style="text-align: center;">1,00</td> </tr> <tr> <td style="text-align: center;">35</td> <td style="text-align: center;">75</td> <td style="text-align: center;">1,04</td> </tr> <tr> <td style="text-align: center;">40</td> <td style="text-align: center;">40</td> <td style="text-align: center;">1,10</td> </tr> </tbody> </table>				Temperature class		Tc (°C)	Warmest M-package temperature colder or equal to in all tests (except lid opening test) (°C)	Warmest M-package maximum temperature rise allowed during the lid opening test (°C)	-18	2	-18,0	-7	2	-7,0		Minimum		Maximum		CC	Ambient temperature (°C)	Ambient relative humidity (%)	Ambient temperature (°C)	Ambient relative humidity (%)	Ice-cream freezer with transparent lid	16	80	30	55	1,00	35	75	1,10	40	40	1,20	Ice-cream freezer with non-transparent lid	16	80	30	55	1,00	35	75	1,04	40	40	1,10	—
Temperature class		Tc (°C)																																																
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			40	40	1,10																																													
	for refrigerated vending machines: Y is the net volume of the refrigerated vending machine, which is the sum of the volumes of all compartments within which the products directly available for vending are contained and the volume through which the products pass during the dispensing process, expressed in litres (L) and rounded to the nearest integer.				N/A																																													
	for all other refrigerating appliances with direct sales function: Yc is the sum of the TDA of all compartments of the same temperature class of the refrigerating appliance with a direct sales function, expressed in square meters (m ²), and rounded to two decimal places.				N/A																																													
	The values for P are set out in Table 9.	Refer to general product specification table			P																																													

COMMISSION DELEGATED REGULATION (EU) No 2019/2018									
Cl.	Requirement-Test	Result-Remark	Verdict						
	<p style="text-align: center;"><i>Table 9</i> P values</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Cabinet type</i></th> <th style="text-align: center;"><i>P</i></th> </tr> </thead> <tbody> <tr> <td>Integral supermarket cabinets</td> <td style="text-align: center;">1,10</td> </tr> <tr> <td>Other refrigerating appliances with a direct sales function</td> <td style="text-align: center;">1,00</td> </tr> </tbody> </table>		<i>Cabinet type</i>	<i>P</i>	Integral supermarket cabinets	1,10	Other refrigerating appliances with a direct sales function	1,00	—
<i>Cabinet type</i>	<i>P</i>								
Integral supermarket cabinets	1,10								
Other refrigerating appliances with a direct sales function	1,00								
ANNEX V	Product information sheet		—						
	Pursuant to point 1(b) of Article 3, the supplier shall enter into the product database the information as set out in Table 10.		P						
ANNEX VI	Technical documentation		—						
1	The technical documentation referred to in point 1(d) of Article 3 shall include the following elements:		—						
(a)	the information as set out in Annex V;		—						
(b)	the information as set out in Table 11;		—						
2	Where the information included in the technical documentation for a particular model 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 manufacturer; or		—						
(b)	by calculation on the basis of design or extrapolation from another model of the same or a different manufacturer, or both,		—						
	the technical documentation shall include the details of such calculation, the assessment undertaken by the manufacturer to verify the accuracy of the calculation and, where appropriate, the declaration of identity between the models of different manufacturers.		—						
ANNEX IX	Verification procedure for market surveillance purposes		—						
	The verification tolerances set out in this Annex relate only to the verification of the declared parameters by Member State authorities and shall not be used by the supplier as an allowed tolerance to establish the values in the technical documentation. The values and classes on the label or in the product information sheet shall not be more favourable for the supplier than the values reported in the technical documentation.		—						

COMMISSION REGULATION (EU) No 2019/2024									
Cl.	Requirement-Test	Result-Remark	Verdict						
Annex II	Ecodesign requirements		—						
1	Energy efficiency requirements:		P						
(a)	From 1 March 2021, the EEI of refrigerating appliances with a direct sales function shall not be above the values as set out in Table 1.		P						
	<p style="text-align: center;"><i>Table 1</i></p> <p style="text-align: center;">Maximum EEI for refrigerating appliances with a direct sales function, expressed in %</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%; text-align: center;">EEI</th> </tr> </thead> <tbody> <tr> <td>Ice-cream freezers</td> <td style="text-align: center;">80</td> </tr> <tr> <td>All other refrigerating appliances with a direct sales function</td> <td style="text-align: center;">100</td> </tr> </tbody> </table>			EEI	Ice-cream freezers	80	All other refrigerating appliances with a direct sales function	100	—
	EEI								
Ice-cream freezers	80								
All other refrigerating appliances with a direct sales function	100								
(b)	From 1 September 2023, the EEI of refrigerating appliances with a direct sales function, except for refrigerated drum vending machines, shall not be above the values as set out in Table 2.		P						
	<p style="text-align: center;"><i>Table 2</i></p> <p style="text-align: center;">Maximum EEI for refrigerating appliances with a direct sales function, expressed in %</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%; text-align: center;">EEI</th> </tr> </thead> <tbody> <tr> <td>Ice-cream freezers</td> <td style="text-align: center;">50</td> </tr> <tr> <td>All other refrigerating appliances with a direct sales function, except refrigerated drum vending machines</td> <td style="text-align: center;">80</td> </tr> </tbody> </table>			EEI	Ice-cream freezers	50	All other refrigerating appliances with a direct sales function, except refrigerated drum vending machines	80	—
	EEI								
Ice-cream freezers	50								
All other refrigerating appliances with a direct sales function, except refrigerated drum vending machines	80								
2	Resource efficiency requirements	Declared by manufacturer	P						
	From 1 March 2021, refrigerating appliances with a direct sales function shall meet the following requirements:		P						
(a)	Availability of spare parts:		—						
	(1) Manufacturers, importers or authorised representatives of refrigerating appliances with a direct sales function shall make available to professional repairers at least the following spare parts: thermostats, starting relays, no-frost heating resistors, temperature sensors, software and firmware including reset software, printed circuit boards and light sources, for a minimum period of eight years after placing the last unit of the model on the market;		P						
	(2) Manufacturers, importers or authorised representatives of refrigerating appliances with a direct sales function shall make available to professional repairers and end-users at least the following spare parts: door handles and door hinges; knobs, dials and buttons; door gaskets and peripheral trays, baskets and racks for storage; for a minimum period of eight years after placing the last unit of the model on the market.		P						
	(3) Manufacturers, importers or authorised representatives of refrigerating appliances with a direct sales function shall ensure that the spare parts mentioned in points (1) and (2) can be replaced with the use of commonly available tools and without permanent damage to the appliance.		P						

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	(4) The list of spare parts concerned by point (1) and the procedure for ordering them shall be publicly available on the free access website of the manufacturer, importer or authorised representative, at the latest two years after the placing on the market of the first unit of a model and until the end of the period of availability of these spare parts.		P
	(5) The list of spare parts concerned by point (2) and the procedure for ordering them and the repair instructions shall be publicly available on the manufacturer's, the importer's or authorised representative's free access website, at the moment of the placing on the market of the first unit of a model and until the end of the period of availability of these spare parts.		P
(b)	Maximum delivery time of spare parts		P
	During the period mentioned under point (a), the manufacturer, importer or authorised representatives shall ensure the delivery of the spare parts for refrigerating appliances with a direct sales function within 15 working days after having received the order. In the case of spare parts available concerned by point a(1) the availability of the spare parts may be limited to professional repairers registered in accordance with point c(1) and (2).		P
(c)	Access to repair and maintenance information:		P
	After a period of two years after the placing on the market of the first unit of a model or of an equivalent model, and until the end of the period mentioned under (a), the manufacturer, importer or authorised representative shall provide access to the appliance repair and maintenance information to professional repairers in the following conditions:		P
	(1) the manufacturer's, importer's or authorised representative's website shall indicate the process for professional repairers to register for access to information; to accept such a request, manufacturers, importers or authorised representative may require the professional repairer to demonstrate that:		P
	(i) the professional repairer has the technical competence to repair refrigerating appliances with a direct sales function and complies with the applicable regulations for repairers of electrical equipment in the Member States where it operates. Reference to an official registration system as professional repairer, where such system exists in the Member States concerned, shall be accepted as proof of compliance with this point;		P
	(ii) the professional repairer is covered by insurance covering liabilities resulting from its activity, regardless of whether this is required by the Member State;		P

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Cl.	Requirement-Test	Result-Remark	Verdict
	(2) the manufacturers, importers or authorised representatives shall accept or refuse the registration within 5 working days from the date of request;		P
	(3) manufacturers, importers or authorised representatives may charge reasonable and proportionate fees for access to the repair and maintenance information or for receiving regular updates. A fee is reasonable if it does not discourage access by failing to take into account the extent to which the professional repairer uses the information;		P
	Once registered, a professional repairer shall have access, within one working day after requesting it, to the requested repair and maintenance information. The available repair and maintenance information shall include:		P
	—the unequivocal appliance identification; —a disassembly map or exploded view; —technical manual of instructions for repair; —list of necessary repair and test equipment; —component and diagnosis information (such as minimum and maximum theoretical values for measurements); —wiring and connection diagrams; —diagnostic fault and error codes (including manufacturer-specific codes, where applicable); —instructions for installation of relevant software and firmware including reset software; and —information on how to access data records of reported failure incidents stored on the refrigerating appliance with a direct sales function (where applicable).		P
(d)	Requirements for dismantling for material recovery and recycling while avoiding pollution		P
	(1) Manufacturers, importers or authorised representatives shall ensure that refrigerating appliances with a direct sales function are designed in such a way that the materials and components referred to in Annex VII to Directive 2012/19/EU can be removed with the use of commonly available tools.		P
	(2) Manufacturers, importers and authorised representatives shall fulfil the obligations laid down in point 1 of Article 15 of Directive 2012/19/EU.		P
	(3) If the refrigerating appliances with a direct sales function contains vacuum insulation panels, the refrigerating appliance with a direct sales function shall be labelled with the letters 'VIP'.		P
4	Information requirements:		P
	From 1 March 2021, instruction manuals for installers and end-users, and free access website of manufacturers, importers or authorised representatives shall include the following information:		P
	(a)the recommended setting of temperatures in each compartment for optimum food preservation;		P

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Cl.	Requirement-Test	Result-Remark	Verdict
	(b)an estimation of the impact of temperature settings on food waste;		P
	(c)for beverage coolers: 'This appliance is intended to operate in climates where the maximum temperature and the humidity are [fill in the applicable warmest temperature of the beverage cooler and the applicable relative humidity of the beverage cooler of Table 7] respectively.';		P
	(d)for ice-cream freezers: 'This appliance is intended to operate in climates where the temperature and the humidity ranges from [fill in the applicable minimum temperature of Table 9] to [fill in the applicable maximum temperature of Table 9] and from [fill in the applicable minimum relative humidity of Table 9] to [fill in the applicable maximum relative humidity of Table 9] respectively.';		N/A
	(e)instructions for the correct installation and end-user maintenance, including cleaning, of the refrigerating appliance with a direct sales function;		P
	(f)for integral cabinets: 'If the condenser coil is not cleaned [the recommended frequency for cleaning the condenser coil, expressed in times per year], the efficiency of the appliance will decrease significantly.';		P
	(g)access to professional repair such as internet webpages, addresses, contact details;		P
	(h)relevant information for ordering spare parts, directly or through other channels provided by the manufacturer, importer or authorised representative such as internet webpages, addresses, contact details;		P
	(i)the minimum period during which spare parts, necessary for the repair of the refrigerating appliance with a direct sales function, are available;		P
	(j)the minimum duration of the guarantee of the refrigerating appliance with a direct sales function offered by the manufacturer, importer or authorised representative;		P
	(k)instructions on how to find the model information in the product database, as set out in Delegated Regulation (EU) 2019/2018 by means of a weblink that links the model information as stored in the product database or a link to the product database and information on how to find the model identifier on the product.		P

Table 1		Summary result for supermarket cabinet				N/A
Product Information:						
Product Type:	/					
Cabinet type:	<input type="checkbox"/> Remote / <input type="checkbox"/> Self-contained					
	<input type="checkbox"/> Open / <input type="checkbox"/> Closed					
Defrosting Type	<input type="checkbox"/> Automatic / <input type="checkbox"/> Semi-Automatic / <input type="checkbox"/> Manual					
Designation of the appliance:	/					
M-package Temperature class:	/					
Night-cover supplied with the unit:	<input type="checkbox"/> Yes / <input type="checkbox"/> No					
Light supplied with the unit:	<input type="checkbox"/> Yes / <input type="checkbox"/> No					
General test condition:						
Item	Description	Unit	Measurement/Result	Requirements	Verdict	
1	Tested voltage	V	/	230 V	N/A	
2	Tested frequency	Hz	/	50 Hz	N/A	
3	Measurement of temperature in climate measuring point	°C	/	25±1 °C	N/A	
4	Measurement of relative humidity in climate measuring point	% R.H.	/	60±3 %	N/A	
5	Highest temperature, θ_{ah} , of warmest M-package colder than or equal to	°C	/	/	N/A	
6	Lowest temperature, θ_b , of coldest M-package warmer than or equal to	°C	/	/	N/A	
7	Highest minimum temperature, θ_{al} , of all M-package colder than or equal to	°C	/	/	N/A	
Test summary result:						
			Rated value	Measure value	Verdict	
Total Display Area (TDA) (m ²):			/	/	N/A	
Daily energy consumption (E_{daily}) (TEC=DEC) (kWh/24h):			/	/	N/A	
Annual energy consumption (AE) (kWh/a):			/	/	N/A	

Table 2		Summary result for Beverage coolers			P
Product Information:					
Product Type:	Commercial beverage cooler				
Beverage coolers type:	<input type="checkbox"/> Remote / <input checked="" type="checkbox"/> Self-contained				
	<input type="checkbox"/> Open / <input checked="" type="checkbox"/> Closed				
Defrosting Type	<input type="checkbox"/> Automatic / <input type="checkbox"/> Semi-Automatic / <input checked="" type="checkbox"/> Manual				
Designation of the appliance:	BCVTn				
M-can classification according to temperature:	K1				
Test room climate classes and half reload test:	CC2				

Night-cover supplied with the unit:	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No				
Light supplied with the unit:	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No				
EMD supplied with the unit:	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No				
General test condition:					
Item	Description	Unit	Measurement/Result	Requirements	Verdict
1	Tested voltage	V	230,1 V	230 V	P
2	Tested frequency	Hz	50,0 Hz	50 Hz	P
3	Measurement of temperature in climate measuring point	°C	25,1 °C	25±1 °C	P
4	Measurement of relative humidity in climate measuring point	% R.H.	61 %	60±3 %	P
5	Highest temperature, θ_{ah} , of warmest M-can	°C	4,9	≤ 7 °C	P
6	Lowest temperature, θ_b , of coldest M-can	°C	1,3	≥ 0 °C	P
7	Average temperature of all M-can	°C	3,3	≤ 3,5 °C	P
8	Half reload time	h	15,0	≤ 16 h	P
Test summary result:					
			Rated value	Measure value	Verdict
Gross Volume (L):			133	133,5	P
Net Volume (L):			118	118,6	P
Daily energy consumption (E _{daily}) (TEC=DEC) (kWh/24h):			1,200	1,103	P
Annual energy consumption (AE) (kWh/a):			438	402,60	P

Table 3	Summary result for Ice cream freezer				N/A
Product Information:					
Product Type:	/				
Ice cream freezer type	<input type="checkbox"/> Remote / <input type="checkbox"/> Self-contained				
	<input type="checkbox"/> Open / <input type="checkbox"/> Closed				
Defrosting Type	<input type="checkbox"/> Automatic / <input type="checkbox"/> Semi-Automatic / <input type="checkbox"/> Manual				
Designation of the appliance:	/				
M-package classification according to temperature:	/				
Test room climate classes:	/				
Night-cover supplied with the unit:	<input type="checkbox"/> Yes / <input type="checkbox"/> No				
Light supplied with the unit:	<input type="checkbox"/> Yes / <input type="checkbox"/> No				
EMD supplied with the unit:	<input type="checkbox"/> Yes / <input type="checkbox"/> No				
General test condition:					
Item	Description	Unit	Measurement/Result	Requirements	Verdict
1	Tested voltage	V	/	230 V	N/A

2	Tested frequency	Hz	/	50 Hz	N/A
Temperature test for checking the minimum storage temperatures:					
3	Measurement of temperature in climate measuring point	°C	/	/	N/A
4	Measurement of relative humidity in climate measuring point	% R.H.	/	/	N/A
5	Warmest M-package Temperature	°C	/	/	N/A
Temperature test for checking the Maximum storage temperatures:					
6	Measurement of temperature in climate measuring point	°C	/	/	N/A
7	Measurement of relative humidity in climate measuring point	% R.H.	/	/	N/A
8	Warmest M-package Temperature	°C	/	/	N/A
Total energy consumption and temperature rise time test:					
9	Measurement of temperature in climate measuring point:	°C	/	30±1 °C	N/A
10	Measurement of relative humidity in climate measuring point:	% R.H.	/	55±5 %	N/A
11	Warmest M-package temperature	°C	/	/	N/A
12	Warmest M-package maximum temperature rise	K	/	≤ 2,0 K	N/A
13	Time elapsed form the condition α to the condition β	h	/	/	N/A
Test summary result:					
			Rated value	Measure value	Verdict
Gross Volume (L):			/	/	N/A
Net Volume (L):			/	/	N/A
Daily energy consumption (Edaily) (TEC=DEC) (kWh/24h):			/	/	N/A
Annual energy consumption (AE) (kWh/a):			/	/	N/A

Table 4	Summary result for Gelato-scooping cabinets				N/A
Product Information:					
Product Type:		/			
Cabinet type:		<input type="checkbox"/> Remote / <input type="checkbox"/> Self-contained <input type="checkbox"/> Open / <input type="checkbox"/> Closed			
Defrosting Type		<input type="checkbox"/> Automatic / <input type="checkbox"/> Semi-Automatic / <input type="checkbox"/> Manual			
Designation of the appliance:		/			
M-Test gelato tub Temperature class:		/			
Light supplied with the unit:		<input type="checkbox"/> Yes / <input type="checkbox"/> No			
General test condition:					
Item	Description	Unit	Measurement/ Result	Requirements	Verdict
1	Tested voltage	V	/	230 V	N/A

2	Tested frequency	Hz	/	50 Hz	N/A
3	Measurement of temperature in climate measuring point	°C	/	30±1 °C	N/A
4	Measurement of relative humidity in climate measuring point	% R.H.	/	55±5 %	N/A
5	Highest temperature, θ_{ah} , of warmest M-Test gelato tub	°C	/	/	N/A
6	Lowest temperature, θ_b , of coldest M-Test gelato tub	°C	/	/	N/A
7	Highest minimum temperature, θ_{al} , of all M-Test gelato tub	°C	/	/	N/A

Test summary result:			
	Rated value	Measure value	Verdict
Total Display Area (TDA) (m ²):	/	/	N/A
Daily energy consumption (E _{daily}) (TEC=DEC) (kWh/24h):	/	/	N/A
Annual energy consumption (AE) (kWh/a):	/	/	N/A

Table 5 Summary result for Refrigerated vending machine N/A

Product Information:	
vending machine Categories:	<input type="checkbox"/> Refrigerated closed fronted can and bottle machines where the products are held in stacks.
	<input type="checkbox"/> Refrigerated glass fronted can and bottle, confectionery & snack machines.
	<input type="checkbox"/> Refrigerated glass fronted machines entirely for perishable foodstuffs.
	<input type="checkbox"/> Refrigerated dual-temperature glass fronted machines.
	<input type="checkbox"/> Confectionery and snack machines that are not refrigerated.
	<input type="checkbox"/> Combination machines consisting of two different categories of machine in the same housing and powered by one chiller.

General test condition:					
Item	Description	Unit	Measurement/ Result	Requirements	Verdict
1	Tested voltage	V	/	230 V	N/A
2	Tested frequency	Hz	/	50 Hz	N/A
3	Measurement of temperature in climate measuring point	°C	/	/	N/A
4	Measurement of relative humidity in climate measuring point	% R.H.	/	/	N/A
5	Maximum capacity of machine (number of 330 ml cans)	/	/	/	N/A
6	Reference product storage temperature	°C	/	/	N/A
7	Average achieved temperature in controlled compartment	°C	/	/	N/A
8	Average achieved temperature in uncontrolled compartment	°C	/	/	N/A

Test summary result:					
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	Rated value	Measure value	Verdict
Net Volume of all compartment (L):	/	/	N/A
e_r (energy consumption measured in the 4 hours of the ready mode test)	/	/	N/A
e_{pd} (total energy used in the reload and pull down period)	/	/	N/A
e_s (energy consumption measured in the 12 hours of the energy saving mode test)	/	/	N/A
e_{rec} (the energy used in the recovery period)	/	/	N/A
t_{pd} (time taken for the successful completion of the pull down operation)	/	/	N/A
t_{rec} (time taken for the successful completion of the recovery period)	/	/	N/A
Weely energy consumption (E_{wk}) (kWh/week):	/	/	N/A
Annual energy consumption (AE) (kWh/a):	/	/	N/A

Product Information Sheet				
Supplier's name or trademark:		Will be confirmed by final supplier.		
Supplier's address (b):		Will be confirmed by final supplier.		
Model identifier:		LG-138HE		
Use:		Display and sale		
Type of refrigerating appliance with a direct sales function		<input checked="" type="checkbox"/> Beverage coolers.		
		<input type="checkbox"/> Ice-cream freezers		
		<input type="checkbox"/> Gelato-scooping cabinet		
		<input type="checkbox"/> Supermarket cabinet		
		<input type="checkbox"/> Refrigerated vending machines		
Cabinet family code, according to the harmonised standards or other reliable, accurate and reproducible methods in accordance with Annex IV.		BCVTn		
Product specific parameters: (Beverage coolers: fill in point 1, ice-cream freezers: fill in point 2, Gelato-scooping cabinet: fill in point 3, supermarket cabinet: fill in point 4, refrigerated vending machines: fill in point 5. If the refrigerating appliance with a direct sales function contains compartments working at different temperatures, or a compartment that can be set to different temperatures, the lines shall be repeated for each compartment or temperature setting):				
1. Beverage coolers:				
Gross volume (dm ³ or L)		Ambient conditions for which the appliance is suitable (according to Table 6)		
		Warmest temperature (°C)	Relative humidity (%)	
133		+32	65	
2. Ice-cream freezers with (<input type="checkbox"/> transparent lid / <input type="checkbox"/> non-transparent lid):				
Net volume (dm ³ or L)		Ambient conditions for which the appliance is suitable (according to Table 8)		
		Temperature range (°C)		Relative humidity range (%)
		minimum	maximum	minimum
/		/	/	/
3. Gelato-scooping cabinet:				
Total display area (m ²)		Temperature class (according to Table 4(b))		
/		/		
4. [Integral/Remote] [horizontal/vertical (other than semi-vertical)/semi-vertical/combined] supermarket cabinet, roll-in: [yes/no]:				
Total display area (m ²)		Temperature class (according to Table 4(a))		
/		/		
5. Refrigerated vending machines, [refrigerated closed fronted for cans and bottles where the products are held in stacks/refrigerated glass fronted for [can and bottle, confectionery & snack/entirely for perishable foodstuffs]/multi-temperature for [fill in the type of foodstuffs it is intended for]/combination machines consisting of different categories of machine in the same housing and powered by one chiller for [fill in the type of foodstuffs it is intended for]]:				
Volume (dm ³ or L)		Temperature class (according to Table 4(c))		
/		/		
Light source parameters:				

Type of light source:	Not check
Light source energy efficiency class:	<input checked="" type="checkbox"/> Not check <input type="checkbox"/> N/A <input type="checkbox"/> Class G
Additional Information:	
Minimum duration of the guarantee offered by the supplier:	This information will be confirmed/provided by final supplier.
The weblink to the supplier's website, where the information in point 3 of Annex II of Commission Regulation (EU) 2019/2014 is found:	This information will be confirmed/provided by final supplier.

General Product specification:			
Parameter	Value	Parameter	Value
Annual energy consumption (kWh/a)	402,60	Standard annual energy consumption (kWh/a)	1095,27
Daily energy consumption (kWh/24h)	1,103	Ambient conditions	Set 1
M	2,1	N	0,006
Temperature coefficient (C)	1,00	Y	133
P	1,00	Climate class factor (CC)	1,05
Target temperature (Tc) (°C)	3,5	EEl	36,8
Energy efficiency class	<input type="checkbox"/> A / <input type="checkbox"/> B / <input type="checkbox"/> C / <input checked="" type="checkbox"/> D / <input type="checkbox"/> E / <input type="checkbox"/> F / <input type="checkbox"/> G		

Ecodesign requirements Compliance:			
Energy efficiency index	Value	Verifying limit	Verdict (Pass/False)
EEl	36,8	≤ 100 (from 2021.03.01)	Pass
		≤ 80 (from 2023.09.01)	Pass

From 1 March 2021, the EEl of refrigerating appliances with a direct sales function shall not be above the values as set out in Table 1:

Table 1

Maximum EEl for refrigerating appliances with a direct sales function, expressed in %

	EEl
Ice-cream freezers	80
All other refrigerating appliances with a direct sales function	100





From 1 September 2023, the EEl of refrigerating appliances with a direct sales function, except for refrigerated drum vending machines, shall not be above the values as set out in Table 2:

Table 2

Maximum EEl for refrigerating appliances with a direct sales function, expressed in %

	EEl
Ice-cream freezers	50
All other refrigerating appliances with a direct sales function, except refrigerated drum vending machines	80

Photo documents:

<p style="text-align: center;">Products General: Front</p> 	<p style="text-align: center;">Products General: Rear</p> 
<p style="text-align: center;">Products General: Open</p> 	<p style="text-align: center;">Products General: Compressor</p> 

--- End of Report ---