

# Guangdong Candor Intelligent Technology Co., Ltd.

## TEST REPORT

**SCOPE OF WORK**

ENERGY EFFICIENCY TESTING - REFRIGERATING APPLIANCE - [MODEL(S) IN PAGE 2]

**REPORT NUMBER**

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[REVISED DATE]

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Applicant / Manufacturer: Guangdong Candor Intelligent Technology Co., Ltd.  
Address: #41, North Xingye Rd., Nantou Town, Zhongshan City, 528427, Guangdong, China

Manufacturing Site: Same as applicant  
Address: Same as applicant Address

Testing Location: Same as applicant  
Address: Same as applicant Address

Product: Wine cooler  
Brand Name: Candor  
Description: The product covered by this report is a household, indoor use, cord connected household refrigerating appliance.

Model(s): BC-47E;BC-47  
Model Similarity: Two models are identical except for the model name and appearance.

Ratings: 220-240V~, 50Hz  
Date of receipt of sample(s): 26-Oct-2021  
Date Range of Test: 27-Oct-2021~21-Nov-2021  
Test standard(s) or criteria(s): (EU) 2019/2019 + (EU) 2021/341;  
(EU) 2019/2016 + (EU) 2021/340;  
EN 62552-1:2020 (IEC 62552-1:2015, modified);  
EN 62552-2:2020 (IEC 62552-2:2015, modified);  
EN 62552-3:2020 (IEC 62552-3:2015, modified);  
EN 60704-2-14:2013 + A11:2015 + A1:2019;  
EN IEC 60704-1-2021

Conclusion: These results are in compliance with the Energy efficiency requirements and the Energy efficiency class is E.

Prepared by: Elvis Cai  
Title: Engineer

Approved by: Felix Li  
Title: Technical Team Leader

Signature: Elvis Cai

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## Photos

Photo 1 - Front view



Photo 2 - Rear view



Photo 3 - Front view with open door



Photo 4 - Label of compressor



Photo 5 - Nameplate

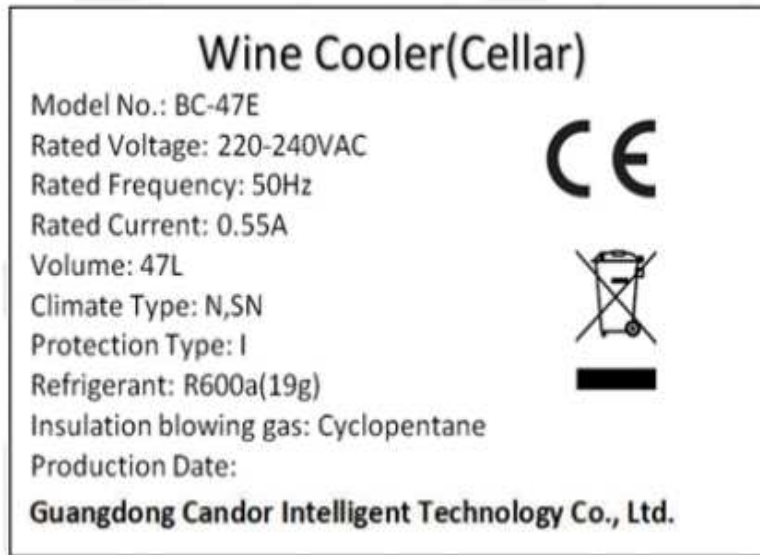
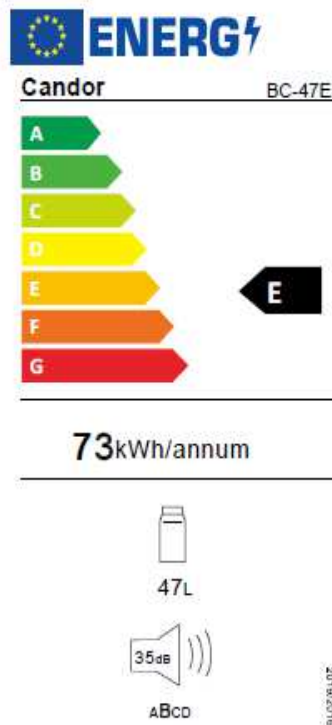


Photo 6 - Energy label



Note: This energy label is only a sample for reference, the QR code will be added when the product placing on market.

### Product Details

Item	Data
Model number of unit under tested	BC-47E
Serial number	N/A
Condition of sample(s)	Prototype
Product designation	All other refrigerating appliances, with the exception of low noise combi appliances with a frozen compartment
Climate Class	SN,N
Minimum ambient temperature [°C] for which the refrigerating appliance is suitable	10
Maximum ambient temperature [°C] for which the refrigerating appliance is suitable	32
Refrigerant	R600a
Charge of refrigerant [g]	19
Refrigerating type	Compression-type
Condenser type	Smooth wall
Condenser location	Sides
Design type	Freestanding
Low-noise appliance?	No
Wine storage appliance?	No
Other refrigerating appliance?	Yes
Number of external door(s)	1
Number of compartment(s) (not include sub-compartment)	1
Winter setting?	No
Fast freezer facility?	No
Anti-condensation heater type	None
Dedicated appliances ?	Yes
Refrigerating appliances with only frozen compartments?	No
Combi appliances with 3-or 4-star compartments ?	No
Other combi appliances?	No
Cooling system	Static
Defrosting type	Automatic defrost
Defrosting controller	Elapsed time
Overall dimensions (H*W*D)[mm]	665*430*412
Overall space required in use (H*W*D)[mm]	665*840*810
The number of standard bottles that can be accommodated (for Wine storage appliance)	N/A

### Critical Components

Name	Manufacturer / trademark	Type / model	Technical data
Compressor	Donper	AU50CY1	220-240V~50Hz;1PH;R600a

### Ecodesign requirements

Clause	Ecodesign requirements	Result - Remark	Verdict
1	Energy efficiency requirements:		—
(a)	From 1 March 2021, the energy efficiency index (EEI) of refrigerating appliances shall not be above the values as set out in Table 1.	Tested EEI = 82.9 Declared EEI = 96.9	Pass
(b)	From 1 March 2024, the EEI of refrigerating appliances shall not be above the values set out in Table 2.	Tested EEI = 82.9 Declared EEI = 96.9	Pass
2	Functional requirements:		—
	From 1 March 2021, refrigerating appliances shall meet the following requirements:		—
(a)	Any fast freeze facility, or any similar function achieved through modification of the temperature settings in freezer compartments, shall, once activated by the end-user according to the manufacturer's, the importer's or authorised representative's instructions, automatically revert to the previous normal storage conditions after no more than 72 hours.		N/A
(b)	Winter settings shall be automatically activated or de-activated according to the need to maintain the frozen compartment(s) at the correct temperature.		N/A
	Until 1 March 2024, the requirements laid down in points 2(a) and (b) shall not apply to combi appliances with one electromechanical thermostat and one compressor which are not equipped with an electronic control board.		N/A
(c)	Each compartment shall be marked with the appropriate identification symbol. For the frozen compartments this shall be the number of stars of the compartment. For the chill and unfrozen compartments, this shall be an indication, chosen by the manufacturer, the importer or authorised representative, of the type of food that should be stored in the compartment.		Pass
(d)	If the refrigerating appliance contains vacuum insulation panels, the refrigerating appliance shall be labelled with the letters 'VIP' in a clearly visible and readable way.		N/A
(e)	For 2-star sub-compartments or 2-star sections:		--
	— a 2-star sub-compartment or 2-star section is separated from the 3-star or 4-star volume by a partition, container, or similar construction;		N/A

### Ecodesign requirements

Clause	Ecodesign requirements	Result - Remark	Verdict
	— the volume of the 2-star sub-compartment or 2-star section does not exceed 20 % of the total volume of the containing compartment.		N/A
(f)	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 shall be such that the resulting freezing capacity complies with the requirement in Article 2, point 22.		N/A
3	Resource efficiency requirements:		—
	From 1 March 2021, refrigerating appliances shall meet the following requirements:		—
(a)	Availability of spare parts:		—
(1)	manufacturers, importers or authorised representatives of refrigerating appliances shall make available to professional repairers at least the following spare parts: thermostats, temperature sensors, printed circuit boards and light sources, for a minimum period of seven years after placing the last unit of the model on the market;		Not check
(2)	manufacturers, importers or authorised representatives of refrigerating appliances shall make available to professional repairers and end-users at least the following spare parts: door handles, door hinges, trays and baskets for a minimum period of seven years and door gaskets for a minimum period of 10 year, after placing the last unit of the model on the market;		Not check
(3)	manufacturers shall ensure that these spare parts can be replaced with the use of commonly available tools and without permanent damage to the appliance;		Not check
(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;		Not check



### Ecodesign requirements

Clause	Ecodesign requirements	Result - Remark	Verdict
(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.		Not check
(b)	Access to repair and maintenance information:		—
	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:		—
(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:		—
(i)	the professional repairer has the technical competence to repair refrigerating appliances 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;		Not check
(ii)	the professional repairer is covered by insurance covering liabilities resulting from its activity, regardless of whether this is required by the Member State;		Not check
(2)	the manufacturers, importers or authorised representatives shall accept or refuse the registration within 5 working days from the date of request by the professional repairer;		Not check

### Ecodesign requirements

Clause	Ecodesign requirements	Result - Remark	Verdict
(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;		Not check
	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:		—
	— the unequivocal appliance identification;		Not check
	— a disassembly map or exploded view;		Not check
	— list of necessary repair and test equipment;		Not check
	— component and diagnosis information (such as minimum and maximum theoretical values for measurements);		Not check
	— wiring and connection diagrams;		Not check
	— diagnostic fault and error codes (including manufacturer-specific codes, where applicable); and		Not check
	— data records of reported failure incidents stored on the refrigerating appliance (where applicable).		Not check
(c)	Maximum delivery time of spare parts:		—
(1)	during the period mentioned under point 3(a)(1) and point 3(a)(2), the manufacturer, importer or authorised representatives shall ensure the delivery of the spare parts for refrigerating appliances within 15 working days after having received the order;		Not check
(2)	in the case of spare parts available only to professional repairers this availability may be limited to professional repairers registered in accordance with point b.		Not check
(d)	Requirements for dismantling for material recovery and recycling while avoiding pollution:		—

### Ecodesign requirements

Clause	Ecodesign requirements	Result - Remark	Verdict
(1)	manufacturers, importers or authorised representatives shall ensure that refrigerating appliances 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;		Not check
(2)	manufacturers, importers and authorised representatives shall fulfil the obligations laid down in Point 1 of Article 15 of Directive 2012/19/EU.		Not check
4	Information requirements:		—
	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:		—
(a)	the combination of drawers, baskets and shelves that result in the most efficient use of energy for the refrigerating appliance;		Pass
(b)	clear guidance about where and how to store foodstuffs in a refrigerating appliance for best preservation over the longest period, to avoid food waste;		Pass
(c)	the recommended setting of temperatures in each compartment for optimum food preservation. These settings shall not contradict the storage conditions set out in Annex III, Table 3;		Pass
(d)	an estimation of the impact of temperature settings on food waste;		Pass
(e)	a description of the effects of special modes and features, and in particular how temperatures are affected in each compartment and for how long;		N/A
(f)	for wine storage appliances: 'this appliance is intended to be used exclusively for the storage of wine'. This shall not apply to refrigerating appliances that are not specifically designed for wine storage but may be used for this purpose, or to refrigerating appliances that have a wine storage compartment combined with any other compartment type;		N/A
(g)	instructions for the correct installation and end-user maintenance, including cleaning, of the refrigerating appliance;		Pass

### Ecodesign requirements

Clause	Ecodesign requirements	Result - Remark	Verdict
(h)	for a freestanding appliance: 'this refrigerating appliance is not intended to be used as a built-in appliance';		Pass
(i)	for appliances without a 4-star compartment: 'this refrigerating appliance is not suitable for freezing foodstuffs';		Pass
(j)	access to professional repair, such as internet webpages, addresses, contact details;		Not check
(k)	relevant information for ordering spare parts, directly or through other channels provided by the manufacturer, importer or authorised representative;		Not check
(l)	the minimum period during which spare parts, necessary for the repair of the appliance, are available;		Not check
(m)	the minimum duration of the guarantee of the refrigerating appliance offered by the manufacturer, importer or authorised representative;		Not check
(n)	for refrigerating appliances with climate class:		—
	— extended temperate: 'this refrigerating appliance is intended to be used at ambient temperatures ranging from 10 °C to 32 °C';		Pass
	— temperate: 'this refrigerating appliance is intended to be used at ambient temperatures ranging from 16 °C to 32 °C';		Pass
	— subtropical: 'this refrigerating appliance is intended to be used at ambient temperatures ranging from 16 °C to 38 °C';		N/A
	— tropical: 'this refrigerating appliance is intended to be used at ambient temperatures ranging from 16 °C to 43 °C';		N/A
(o)	instruction on how to find the model information in the product database, as defined in Regulation (EU) 2019/2016 by means of a weblink that links to 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.		Not check

### Storage test

Item	Data
Function selected for each variable temperature compartment	N/A
Position of each user-adjustable baffle	N/A
Setting of each user-adjustable temperature control	See test table(s)
Setting of each other switch or user-adjustable control	N/A
Test voltage [V]	230
Test frequency [Hz]	50
Test room ambient settings (as applicable) [°C]	See test table(s)
Test room ambient relative humidity settings (as applicable) [%]	<60
Appliance complies with storage temperature requirements?	Pass

Item	Symbol	Unit	10°C Storage Temperature Test		
			Value	Limit	Verdict
Thermostat setting	-	-	7	-	-
Cellar	T <sub>c1m</sub>	°C	8.0	$2 \leq T_{w1m} \leq 14$	Pass
	T <sub>c1m</sub>	°C	7.6	$2 \leq T_{w1m} \leq 14$	Pass
	T <sub>c1m</sub>	°C	8.6	$2 \leq T_{w1m} \leq 14$	Pass
	T <sub>cma</sub>	°C	8.1	≤12	Pass

Item	Symbol	Unit	32°C Storage Temperature Test		
			Value	Limit	Verdict
Thermostat setting	-	-	11	-	-
Cellar	T <sub>c1m</sub>	°C	10.9	$2 \leq T_{w1m} \leq 14$	Pass
	T <sub>c1m</sub>	°C	9.7	$2 \leq T_{w1m} \leq 14$	Pass
	T <sub>c1m</sub>	°C	13.4	$2 \leq T_{w1m} \leq 14$	Pass
	T <sub>cma</sub>	°C	11.3	≤12	Pass

### Volume Measurement

Item	Unit	Value
The volume of the cellar compartment	L	47.0
Total volume	L	47.0

## Noise test

### Test condition

Item	Value
Barometric pressure [kPa]	101.3
Ambient temperature [°C]	23.0
Humidity (%)	60.0
Test voltage/frequency [V/Hz]	230/50
Average temperature in wine storage compartment [°C]	12.0
d [m]	1
l1 [mm]	412
l2 [mm]	430
l3 [mm]	665
a [m]	0.706
b [m]	1.215
c [m]	1.665
S [m <sup>2</sup> ]	12.179

### Test Method

Description
<p>The primary measurement method used is EN 60704-2-14:2013 + A11:2015 + A1:2019 “ Household and similar Electrical Appliances – Test code for the determination of airborne acoustical noise – Part 2-14 Particular requirements for Refrigerators, frozen-food storage cabinets and food freezers”. This standard relates to the acoustical standard ISO 3745 “Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure — Precision methods for anechoic rooms and hemi-anechoic rooms”</p> <p>Before measurements, the appliance was stabilized for more than 16 hours outside the test room. Then a stabilization period in the test room was awaited before the actual measurements.</p> <p>The A-weighted time averaged sound pressure level is measured from 1 min after the start of a running period to the end of this running period; Three consecutive measurements are carried out. The final result will be the logarithmic mean of these three measurements.</p>

## Noise test

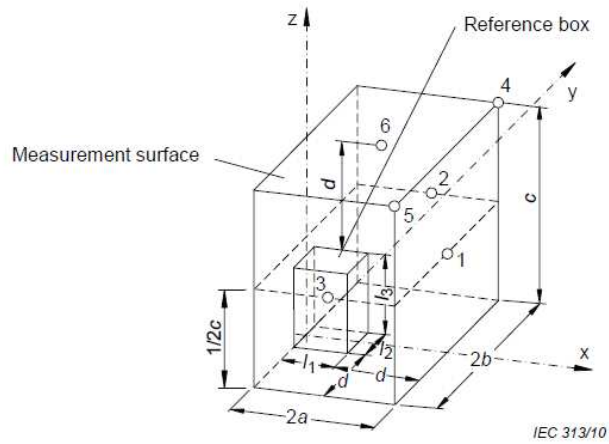
The measurement surface is shown in the figure below with 6 microphone positions:

Co-ordinates of microphone positions:

N°	x	y	z
1	2a	0	0,5c
2	a	b	0,5c
3	a	-b	0,5c
4	2a	b	c
5	2a	-b	c
6	a	0	c

Measurement surface area:

$$S = 2(2ac + 2ab + bc)$$



And the A-weighted sound pressure level produced over the 6 measuring points were measured.

### Background noise measurement

Item	Value					
Microphone Position	1	2	3	4	5	6
$L''_{p_i}(B)$ dB	21.3	21.1	21.4	19.9	20.1	20.7
$L''_p$ (Averaged Sound Pressure Level) dB	20.8					

Note: The background noise requirements of this standard have not been fulfilled.

### Noise test

#### Sample 1 - The first period measurement

Item	Value					
Microphone Position	1	2	3	4	5	6
$L'_{pi}$ (ST) dB	25.9	24.9	26.6	23.5	24.2	23.8
$L'_{p}$ (A-weighted averaged Sound Pressure Level) dB(A)	25.0					
$L_p$ (Corrected A-weighted averaged Sound Pressure Level) dB(A)	23.7					

#### Sample 1 - The second period measurement

Item	Value					
Microphone Position	1	2	3	4	5	6
$L'_{pi}$ (ST) dB	25.8	24.8	26.4	23.3	24.0	23.7
$L'_{p}$ (A-weighted averaged Sound Pressure Level) dB(A)	24.8					
$L_p$ (Corrected A-weighted averaged Sound Pressure Level) dB(A)	23.5					

#### Sample 1 - The third period measurement

Item	Value					
Microphone Position	1	2	3	4	5	6
$L'_{pi}$ (ST) dB	26.0	24.8	26.6	23.3	24.0	23.7
$L'_{p}$ (A-weighted averaged Sound Pressure Level) dB(A)	24.9					
$L_p$ (Corrected A-weighted averaged Sound Pressure Level) dB(A)	23.6					

#### Sample 1 - Test results conclusion

Item	Value					
Measurement period No.	1	2	3	4	5	6
$L_p$ (Corrected A-weighted averaged Sound Pressure Level of each period) dB(A)	23.7	23.5	23.6	N/A	N/A	N/A
$L_{pmc}$ (logarithmic mean of Sound Pressure Level of each period) dB(A)	23.6					
LW A-weighted sound power level, dB(A)	34.4					



### Energy consumption test

Items		Data	
Coldest function selected for each variable temperature compartment?		N/A	
Disconnections, bridging or modifications of any devices on the appliance?		N/A	
Interpolation method used		Linear	
Where interpolation has been used for one or two controls, identify which controls		Cellar compartment	
Indicate compartment(s) used for interpolation		Cellar compartment	
Test voltage [V]		230	
Test frequency [Hz]		50	
Test room ambient settings (as applicable) [°C]		See test table(s)	
Test room ambient relative humidity settings (as applicable) [%]		<60	
Setting of switches or controls, DF case and/or Pss case	Ambient 16°C Point 1:	11	DF1 and SS1
	Ambient 16°C Point 2:	12	DF1 and SS1
	Ambient 32°C Point 1:	11	DF1 and SS1
	Ambient 32°C Point 2:	12	DF1 and SS1

#### Measured steady-state results at ambient 16°C

Test Point	Point 1 T <sub>SS</sub> °C	Point 2 T <sub>SS</sub> °C	-	Target Temperature
Cellar	11.03	12.28	-	12
Steady-state power W P <sub>SS</sub>	3.7	3.5	-	

#### Measured defrost characteristics at ambient 16°C

Test Point	Point 1 ΔTh <sub>df</sub> K.h	Point 2 ΔTh <sub>df</sub> K.h	-	-
Cellar	0.00	0.00	-	-
ΔE <sub>df</sub> Wh	0.0	0.0	-	-

#### Measured steady-state results at ambient 32°C

Test Point	Point 1 T <sub>SS</sub> °C	Point 2 T <sub>SS</sub> °C	-	Target Temperature
Cellar	11.82	12.70	-	12
Steady-state power W P <sub>SS</sub>	11.2	10.6	-	

### Energy consumption test

#### Measured defrost characteristics at ambient 32°C

Test Point	Point 1 $\Delta Th_{df}$ K.h	Point 2 $\Delta Th_{df}$ K.h	-	-
Cellar	4.36	4.74	-	-
$\Delta E_{df}$ Wh	0.4	-1.4	-	-

#### Measured representative defrost characteristics

Test point	Ambient 16 °C	Ambient 32 °C
Representative Cellar $\Delta Th_{df}$ K.h	0.00	4.55
Representative $\Delta E_{df}$ Wh	0.0	-0.5

Note: Number of valid defrost and recovery periods was determined by Option 1 of Annex C.4.

#### Defrost interval - Elapsed time control

Item	Ambient 16 °C	Ambient 32 °C
$t_{df}$ h	12.000	12.000

#### Compartment temperature and daily energy at ambient 16°C

Test Point	Cellar°C	-	-	-	Daily energy Wh/day
Point 1	11.03	-	-	-	88.80
Point 2	12.28	-	-	-	84.00
Target/Interpolation	12	-	-	-	85.08

#### Compartment temperature and daily energy at ambient 32°C

Test Point	Cellar°C	-	-	-	Daily energy Wh/day
Point 1	12.20	-	-	-	267.80
Point 2	13.08	-	-	-	253.40
Target/Interpolation	12	-	-	-	271.06

### Conclusion

Item	Symbol	Unit	Tested	Decl.	Verdict
Bottle capacity	-	pcs	N/A	N/A	-
Internal humidity of wine storage appliances	-	%	N/A	N/A	-
Airborne acoustical noise emissions	$L_C$	dB(A)	34.4	35	Pass
Airborne acoustical noise emission class	-	-	B	B	-
Temperature rise time	-	h	N/A	N/A	-
Freezing capacity	-	kg/24h	N/A	N/A	-
The volume of the cellar compartment	-	L	47.0	47.0	Pass
Total volume	-	L	47.0	47	Pass
Daily energy consumption at 16 °C	$E_{16}$	kWh/24h	0.085	0.106	Pass
Incremental defrost and recovery energy consumption at 16 °C	$\Delta E_{d-f16}$	Wh	0.0	0.0	Pass
Defrost interval at 16 °C	$t_{d-f16}$	h	12.000	12.000	-
Daily energy consumption at 32 °C	$E_{32}$	kWh/24h	0.271	0.310	Pass
Incremental defrost and recovery energy consumption at 32 °C	$\Delta E_{d-f32}$	Wh	-0.5	-0.5	Pass
Defrost interval at 32 °C	$t_{d-f32}$	h	12.000	12.000	-
Daily energy consumption at 25 °C	$E_{25}$	kWh/24h	N/A	N/A	-
Incremental defrost and recovery energy consumption at 25 °C	$\Delta E_{d-f25}$	Wh	N/A	N/A	-
Defrost interval at 25 °C	$t_{d-f25}$	h	N/A	N/A	-
Daily energy consumption	$E_{daily}$	kWh/24h	0.178	0.208	Pass
Auxiliary energy	$E_{aux}$	kWh/a	N/A	N/A	-
Load factor	L	-	1.0	1.0	-
Annual energy consumption	AE	kWh/a	64.97	75.92	Pass
Combi parameter	C	-	1.00	1.00	-
Door heat loss factor	D	-	1.000	1.000	-
Standard annual energy consumption	SAE	kWh/a	78.38	78.38	-
Energy Efficiency Index	EEI	%	82.9	96.9	Pass
Energy efficiency class	-	-	E	E	-
Maximum EEI starting from 1 March 2021	EEI	%	125		Pass
Maximum EEI starting from 1 March 2024	EEI	%	100		Pass

## Product information sheet

<b>Supplier's name or trade mark (b),(d): Candor</b>					
<b>Supplier's address (b),(d):</b>					
<b>Model identifier: BC-47E;BC-47</b>					
<b>Type of refrigerating appliance: Wine cooler</b>					
Low-noise appliance:		No	Design type:		Freestanding
Wine storage appliance:		No	Other refrigerating appliance:		Yes
<b>General product parameters:</b>					
Parameter		Value	Parameter		Value
Overall dimensions (millimetre) (b), (d)	Height	665	Total volume (dm <sup>3</sup> or l)		47
	Width	430			
	Depth	412			
EEI		97	Energy efficiency class (c)		E
Airborne acoustical noise emissions (dB(A) re 1 pW)		35	Airborne acoustical noise emission class (d)		B
Annual energy consumption (kWh/a)		76	Climate class:		extended temperate, temperate
Minimum ambient temperature (°C), for which the refrigerating appliance is suitable (c)		10	Maximum ambient temperature (°C), for which the refrigerating appliance is suitable (c)		32
Winter setting		No			
<b>Compartment Parameters:</b>					
Compartment parameters and values					
Compartment type		Compartment Volume (dm <sup>3</sup> or l)	Recommended temperature setting for optimised food storage (°C) These settings shall not contradict the storage conditions set out in Annex IV, Table 3	Freezing capacity (kg/24 h)	Defrosting type (auto-defrost = A, manual defrost = M)
Pantry	no	—	—	—	—
Wine storage	no	—	—	—	—
Cellar	yes	47.0	12	—	A
Fresh food	no	—	—	—	—
Chill	no	—	—	—	—

## Product information sheet

0-star or ice-making	no	—	—	—	—
1-star	no	—	—	—	—
2-star	no	—	—	—	—
3-star	no	—	—	—	—
4-star	no	—	—	—	—
2-star section	no	—	—	—	—
Variable temperature compartment	no	—	—	—	—
<b>For 4-star compartments</b>					
Fast freeze facility			No		
<b>Light source parameters <sup>(a)</sup> <sup>(b)</sup>:</b>					
Type of light source		Light technology used: LED Non-directional or directional: Non-directional Mains or non-mains: No Connected light source (CLS): No Colour-tuneable light source: No Envelop: - High luminance light source: No Anti-glare shield: No Dimmable: No			
Energy efficiency class		Exemption			
<b>Minimum duration of the guarantee offered by the manufacturer <sup>(b)</sup>,<sup>(d)</sup>:</b>					
<b>Additional information <sup>(b)</sup>,<sup>(d)</sup>:</b>					
Weblink to the manufacturer's website, where the information in point 4(a) Annex of Commission Regulation (EU) 2019/2019 (1) (b) is found:					
(a) as determined in accordance with Commission Delegated Regulation (EU) 2019/2015 (2). (b) changes to these items shall not be considered relevant for the purposes of point 4 of Article 4 of Regulation (EU) 2017/1369. (c) if the product database automatically generates the definitive content of this cell the supplier shall not enter these data. (d) this item shall not be considered relevant for the purpose of Article 2(6) of Regulation (EU) 2017/1369.					

**Additional information to be included in the technical documentation**

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

**Product specifications:**

**General product specifications:**

Parameter	Value	Parameter	Value
Annual energy consumption (kWh/a)	75.92	EI (%)	96.9
Standard annual energy consumption (kWh/a)	78.38	Combi parameter	1.00
Temperature rise time (h)	—	Load factor	1.0
Door heat loss factor	1.000	Climate class	extended temperate, temperate
Anti-condensation heater type	None	Airborne acoustical noise emissions (dB(A) re 1 pW)	35

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

Parameter	Value
Daily energy consumption at 32 °C (kWh/24h)	0.310

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

Parameter	Value
Daily energy consumption at 25 °C (kWh/24h)	—

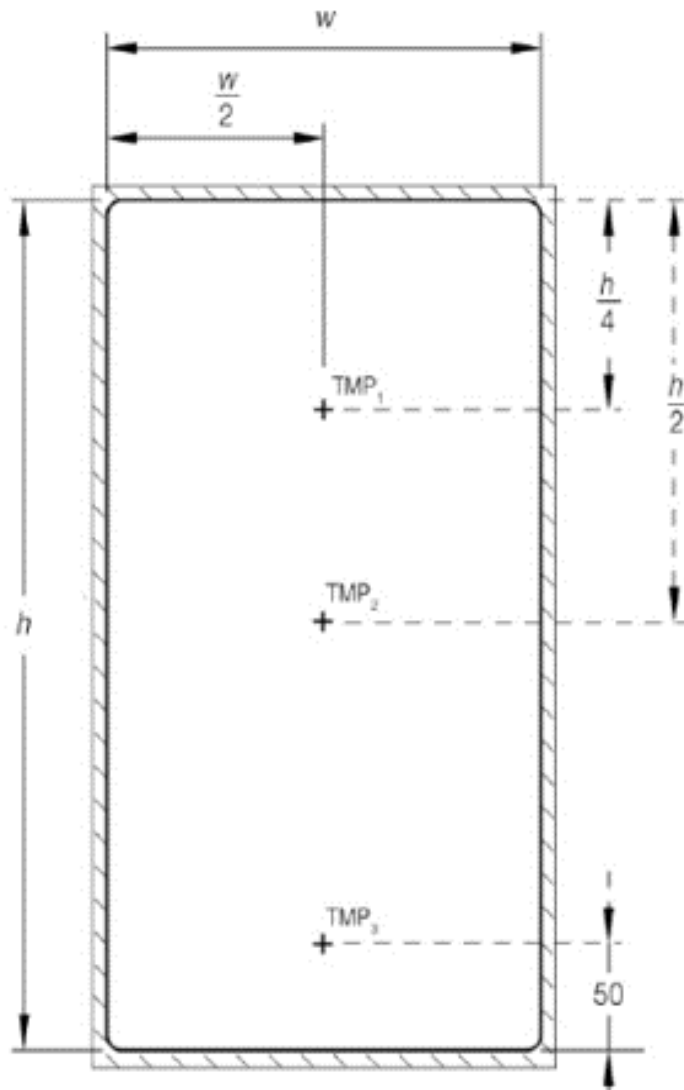
**Additional product specifications for wine storage appliances:**

Parameter	Value	Parameter	Value
Internal humidity (%)	—	Number of bottles	—

Compartment specifications

Compartment type	Compartment parameters and values							
	Target temperature (°C)	Compartment volume (dm <sup>3</sup> or l)	Freezing capacity (kg/24 h)	Thermodynamic parameter (r <sub>c</sub> )	Nc	Mc	Defrost factor (Ac)	Built-in factor (Bc)
Pantry	—	—	—	—	—	—	—	—
Wine storage	—	—	—	—	—	—	—	—
Cellar	12	47.0	—	0.60	75	0.12	1.00	1.00
Fresh food	—	—	—	—	—	—	—	—
Chill	—	—	—	—	—	—	—	—
0-star	—	—	—	—	—	—	—	—
Ice making	—	—	—	—	—	—	—	—
1-star	—	—	—	—	—	—	—	—
2-star	—	—	—	—	—	—	—	—
3-star	—	—	—	—	—	—	—	—
4-star	—	—	—	—	—	—	—	—
2-star section	—	—	—	—	—	—	—	—
Variable temperature compartment	—	—	—	—	—	—	—	—
The sum of the volumes of the chill compartment(s) and the unfrozen compartment(s) [l or dm <sup>3</sup> ]	—	47	—	—	—	—	—	—
The sum of the volumes of the frozen compartment(s) [l or dm <sup>3</sup> ]	—	—	—	—	—	—	—	—

## Air temperature measurement in unfrozen compartment





## Revision Summary

Date/ Proj # Site ID	Project Handler/ Reviewer	Item	Description of Change
			None

--THE END--