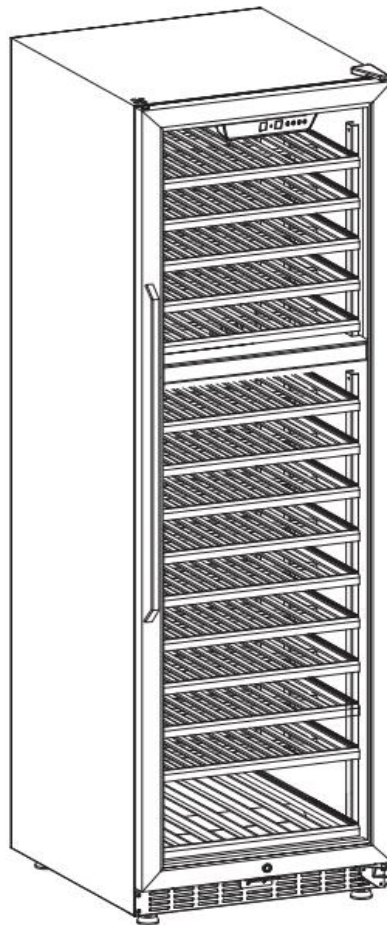




USER MANUAL



FOR MODEL:

LW80SEU/LW128SEU/LW168SEU

LW52DEU/LW54DEU/LW72DEU/LW80DEU/LW128DEU/LW168DEU

LW128DDEU/LW168DDEU

LW168TEU

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Keep these instructions with the appliance.

Dear Customer,

Thank you for purchasing this Lanbo appliance. Read this manual carefully, paying particular attention to the safety regulations outlined below, before installing and using this appliance for the first time.



Safety regulations

- For indoor use only.
- This appliance is intended for buffet and household use.
- Only use the appliance for the intended purpose it was designed for as described in this manual.
- The manufacturer is not liable for any damage caused by incorrect operation and improper use.
- Keep the appliance and electrical plug away from water and other liquids. In the event the appliance falls into water, immediately remove the power plug from the socket. Do not use the appliance until it has been checked by a certified technician. Failure to follow these instructions will cause life threatening risks.
- Never attempt to open the housing of the appliance by yourself.
- Do not insert objects into the housing of the appliance.
- Do not touch the plug with wet or damp hands.
- **DANGER OF ELECTRIC SHOCK!** Do not attempt to repair the appliance by yourself, repairs are only to be conducted by qualified personnel.
- Never use a damaged appliance! When it's damaged, disconnect the appliance from the socket and contact the retailer.
- **WARNING!** Do not immerse the electrical parts of the appliance in water or other liquids.
- Never hold the appliance under running water.
- Regularly check the power plug and cord for any damage. When damaged it must be replaced by a service agent or similarly qualified person in order to avoid danger or injury.
- Make sure the cord does not come in contact with sharp or hot objects and keep it away from open fire. Never pull the power cord to unplug it from the socket, always pull the plug instead.
- Make sure that the power cord and/or extension cord do not cause a trip hazard.
- Please abandon the refrigerator according to local regulators for it use flammable blowing gas and refrigerant.
- Never leave the appliance unattended during use.
- **WARNING!** As long as the plug is in the socket the appliance is connected to the power source.

- If the light is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified.
 - Turn off the appliance before unplugging it from the socket.
 - Connect the power plug to an easily accessible electrical socket so that in case of emergency the appliance can be unplugged immediately.
 - Never carry the appliance by the cord.
 - Do not use any extra devices that are not supplied together with the appliance.
 - Only connect the appliance to an electrical outlet with the voltage and frequency mentioned on the appliance label.
 - Never use accessories other than those recommended by the manufacturer. Failure to do so could pose a safety risk to the user and could damage the appliance. Only use original parts and accessories.
 - This appliance should not be operated by persons with reduced physical, sensory or mental capabilities, or persons that have a lack of experience and knowledge.
 - This appliance should, under any circumstances, not be used by children.
 - Keep the appliance and its power cord out of reach of children.
 - **WARNING: ALWAYS** switch off the appliance and unplug from power socket before cleaning, maintenance or storage.
-

Special Safety Regulations

- Use the appliance only as described in this manual.



- **CAUTION! Risk of fire!** The refrigerant used is R600a. It is a flammable natural gas which is environmentally friendly. It does not damage the ozone layer and does not increase the greenhouse effect. The use of this coolant has, however, led to a slight increase in the noise level of the appliance. In addition to the noise of the compressor, you might be able to hear the coolant flowing around the system. This is unavoidable and does not have any adverse effect on the performance of the appliance. Care must be taken during transportation and setting up of the appliance that no parts of the cooling system are damaged. Leakage coolant can damage the eyes.

- The foam blowing agent used is Cyclopentane in this appliance. It is highly flammable.
- This appliance is suitable for an ambient temperature from 16°C ~ 38°C.
- Do not place the appliance on a heating object (gasoline, electric, charcoal cooker, etc.) Keep the appliance away from any hot surfaces and open flames. Always operate and place the appliance on a horizontal, stable, clean, heat-resistant and dry surface.
- Do not use the appliance near explosive or flammable materials, credit cards, magnetic discs or radios.
- This appliance is not intended to be operated by means of an external timer

or separate remote-control system.

- **WARNING:** Keep all ventilation openings in the appliance enclosure clear of obstruction.
 - **WARNING:** Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
 - **WARNING:** Do not damage the refrigerant circuit.
 - Allow at least 10 cm spacing around the appliance for ventilation purpose during use.
 - Do not use a water jet, flush directly with water or steam cleaner as the parts will get wet and electric shock might be resulted.
 - **CAUTION!** Securely route the power cord if necessary in order to prevent unintentional pulling or contact with the heating surface.
 - Do not clean or store the appliance unless it is completely cooled down.
 - The appliance should not be tipped over an angle of 5°. After installing the appliance, wait for 2 hours before connecting it to the electrical power supply to switch on. The same applies if the appliance is moved at a later date.
-

Intended use

- This appliance is intended for buffet and household use.
 - The appliance is designed only for wine storage and cooling. (e.g. Champagne, white wine, red wine, etc.). Any other use may lead to damage to the appliance or personal injury.
 - Operating the appliance for any other purpose may be deemed as a misuse of the device. The user shall be solely liable for the improper use of the device.
-

Grounding installation

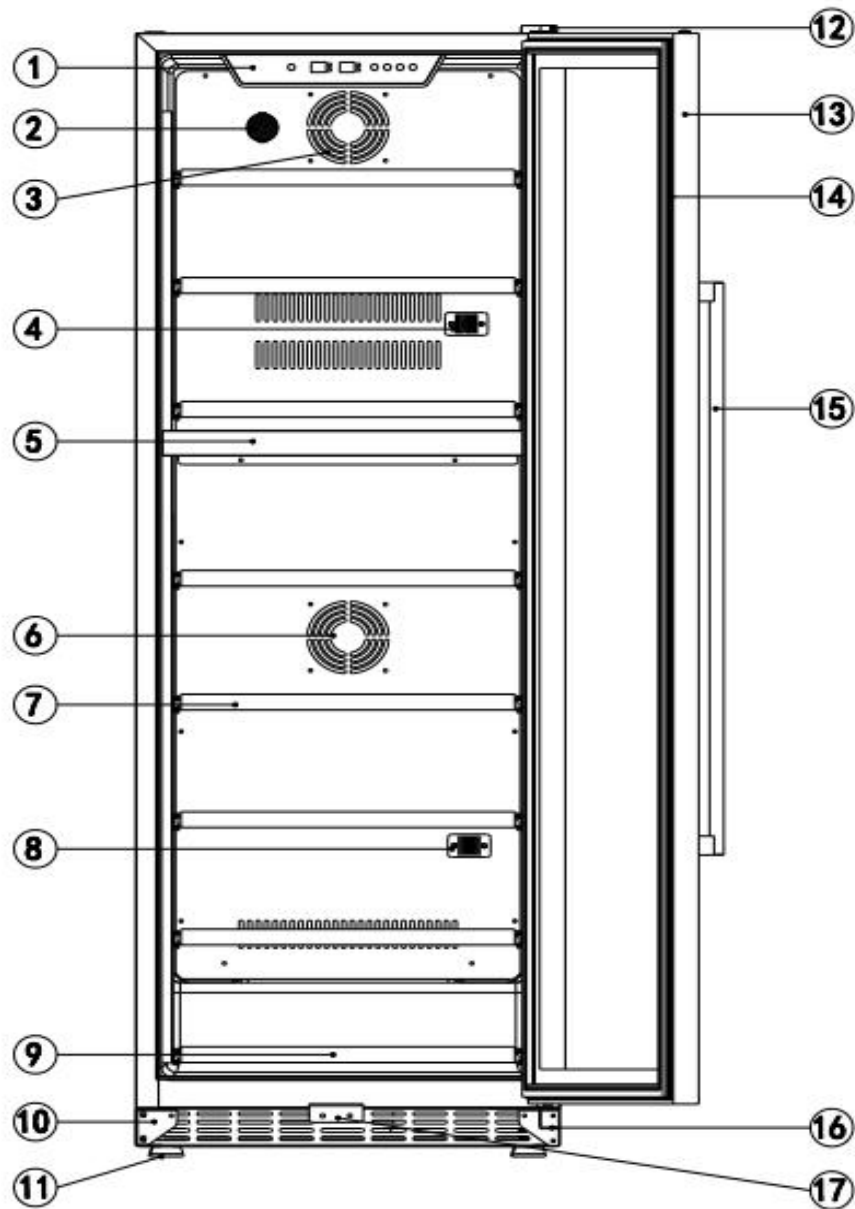
This appliance is classified as protection class I and must be connected to a protective ground. Grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is fitted with a power cord that has a grounding wire and grounded plug. The plug must be plugged into an outlet that is properly installed and grounded.

Electrical Requirement

- Make sure there is a suitable power Outlet (220-240V, 50Hz) with proper grounding to power the wine cellar.
- Avoid the use of three plug adapters or cutting off the third grounding in order to accommodate a two plug outlet. This is a dangerous practice since it provides no effective grounding for the wine cellar and may result in shock hazard.

Main components of the machine

Please note: Depending on the model, the location and quantity of the parts may be different.



(1) Control Panel (2) Carbon Filter (3) Evaporator Fan (4) Upper Sensor

(5) Baffle Plate (No Baffle Plate in Single Temperature Zone Wine Cooler)

(6) Heating Fan (7) Full Wooden Shelf (8) Lower Sensor (9) Small Wooden Shelf

(10) Door Support Bracket (11) Adjustable Feet (12) Upper Door Hinge

(13) Glass Door With Lock (14) Door Seal (15) Handle (16) Lock Hook

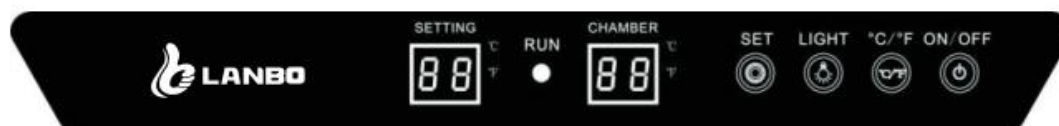
(17) Lower Door Hinge

Installation instructions

- Remove the appliance from the carton box, then remove the external and internal packaging and wrapping.
- Check to make sure the appliance is undamaged. In case of incomplete delivery and damages, DO NOT use the appliance. Please contact supplier (See == > Warranty).
- Keep the packaging if you intend to store your appliance in the future.
- Let the appliance stand upright for about 2 hours. This is to reduce the malfunction of the cooling system from improper handling during transportation.
- Clean interior surface with warm water and soft cloth. (See == > Cleaning and Maintenance).
- Place the appliance on a horizontal, stable and heat resist surface that is safe against water splashes.
- Optimum working ambient temperature is between 16°C and 38°C. Otherwise, the functionality will be limited.
- Ensure that there is sufficient ventilation. Keep a minimum distance of 10cm around the appliance. Do not block the ventilation holes.
- For energy savings, always make sure the door is closed.

Operation Instruction

Control Panel Below(LW80SEU/LW128SEU/LW168SEU)



© Display Windows

RUN light: Indicator light of compressor working. While the compressor operating, the red light is on. While it stops operating, the red light is off.

SETTING: Display of the temperature you set. The range of temperature

setting is 5°C~22°C or 41°F~72°F.

CHAMBER: Display of the actual temperature inside the cabinet; The range is 0°C~37°C or 32°F~99°F.

°C/°F light: When the °C light is on, it indicates Celsius temperature; When the °F light is on, it indicates Fahrenheit temperature.

◎ Button Operation

SET Button: Temperature setting button; Once you press the button, the temperature increased 1°C or 1°F.

Temperature setting range: 5°C~22°C or 41°F~72°F

LIGHT Button: Cabinet light control button; Note: Once the light is turned on, it will automatically shut off after 10 minutes in order to protect the wines inside.

°C/°F Button: Celsius and Fahrenheit conversion button.

ON/OFF button: Power on and off button; Press the button for 3 seconds, to start; press it 3 seconds again, to stop.

Control Panel Below(LW128DDEU/LW168DDEU)



◎ Display Windows

CHAMBER: Display of the actual temperature inside the cabinet; The range is 5°C~12°C, 41°F~54°F or 12°C~22°C, 54°F~72°F.

°C/°F light: When the °C light is on, it indicates Celsius temperature; When the °F light is on, it indicates Fahrenheit temperature.

◎ Button Operation

“+” ”-” Button: Temperature setting button; Once you press “+” button, the

temperature increased 1°C or 1°F; if you want to decrease the temperature, press the “-” button, the temperature decrease 1°C or 1°F each time.

Temperature setting range: 5°C~12°C, 41°F~54°F for upper zone and 12°C~22°C, 54°F~72°F for lower zone.

LIGHT Button: Cabinet light control button; Note: Once the light is turned on, it will automatically shut off after 10 minutes in order to protect the wines inside.

°C/°F Button: Celsius and Fahrenheit conversion button.

ON/OFF button: Power on and off button; Press the button for 3 seconds, to start; press it 3 seconds again, to stop.

Control Panel Below(LW168TEU)



(Upper Control Panel)

◎ Display Windows

CHAMBER: Display of the actual temperature inside the cabinet; The range is 5°C~22°C or 41°F~72°F.

◎ Button Operation

“+” “-” Button: Temperature setting button; Each time you press the “+” button, the temperature increased 1°C or 1°F; or press the “-” button, the temperature decrease 1°C or 1°F. Setting range is between 5°C~22°C or 41°F~72°F of upper zone.



(Middle and Lower Control Panel)

◎ Display Windows

MIDDLE CHAMBER: Display of the actual temperature of the middle chamber.

The range is 5°C~12°C or 41°F~54°F.

LOWER CHAMBER: Display of the actual temperature of the lower chamber.

The range is 12°C~22°C or 54°F~72°F.

°C/°F light: When the °C light is on, it indicates Celsius temperature; When the °F light is on, it indicates Fahrenheit temperature.

◎ Button Operation

“+” ”-” Button: Temperature setting button. If you need setting the temperature of middle chamber, press the button one time, the screen of middle chamber will be flashing, then press”+” or “-” to set the temperature of middle chamber, setting range is between 5°C~12°C or 41°F~54°F. If you need setting the temperature of lower chamber, press the button two times, the screen of lower chamber will be flashing, press”+” or “-” to set the temperature of lower chamber, setting range is between 12°C~22°C or 54°F~72°F.

LIGHT Button: Cabinet light control button; Note: Once the light is turned on, it will automatically shut off after 10 minutes in order to protect the wines inside.

ON/OFF button: Power on and off button; Press the button for 3 seconds, to start; press it 3 seconds again, to stop.

Control Panel Below(LW52DEU/LW54DEU/LW72DEU/ LW80DEU/LW128DEU/LW168DEU)



◎ Display Windows

RUN light: Indicator light of compressor working. While the compressor operating, the red light is on. While it stops operating, the red light is off.

UPPER CHAMBER: Display of the actual temperature of the upper chamber.
The range is 5°C~12°C or 41°F~54°F.

LOWER CHAMBER: Display of the actual temperature of the lower chamber.
The range is 12°C~22°C or 54°F~72°F.

°C/°F light: When the °C light is on, it indicates Celsius temperature; When the °F light is on, it indicates Fahrenheit temperature.

© **Button Operation**

SET Button: Temperature setting button; Once you press the button, the temperature increased 1°C or 1°F.

Temperature setting range: 5°C~12°C or 41°F~54°F for upper zone, 12°C~22°C or 54°F~72°F for lower zone.

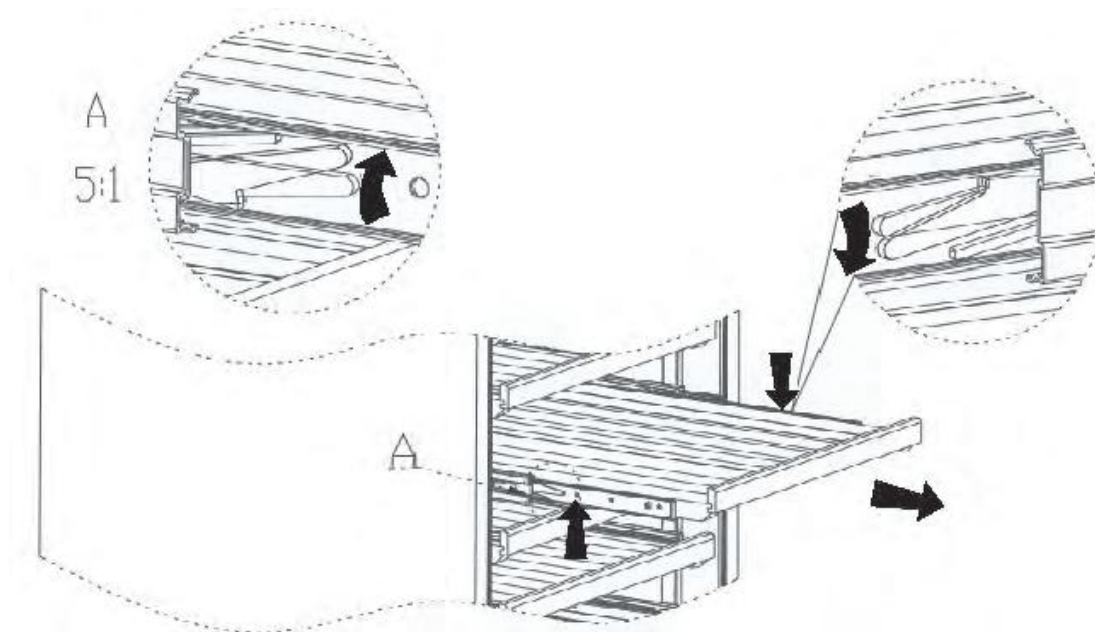
LIGHT Button: Cabinet light control button; Note: Once the light is turned on, it will automatically shut off after 10 minutes in order to protect the wines inside.

°C/°F Button: Celsius and Fahrenheit conversion button.

ON/OFF button: Power on and off button; Press the button for 3 seconds, to start; press it 3 seconds again, to stop.

Shelf Change

Follow the diagram below to remove or change the adjustable shelves.



First, remove all wines from the shelves and pull shelf out to the limit. Then press up the left plastic bracket of sliding rail while pressing down on the right one, pull the shelves out at this time. It could be easily pulled out if doing the three steps (Press up left bracket, press down on the right one and pull out) all at the same time.

Cleaning and Maintenance

ATTENTION: Always unplug the appliance from the electrical power outlet and let it cool down completely before cleaning & storage.

Cleaning

- Clean the appliance before and after each use.
- Never immerse the appliance in water or other liquids.
- Do not clean the appliance with a water jet.
- Clean the surface with a slightly damp cloth or sponge with some mild soap solution.
- All washed parts should be rinsed with clean water to remove the cleaning residues.
- Never use abrasive sponges or detergents, steel wool or metallic utensils to clean the interior or exterior parts of the appliance.
- Dry the interior and exterior surface with a soft cloth.

Storage

- Before storage, always make sure the appliance has already been disconnected from the electrical outlet and cooled down completely.
- Store the appliance in a cool, clean and dry place.

Transportation

- Unplug the appliance from the electrical outlet.
- Remove all the wine bottles inside the appliance.
- Securely tape all loose items inside or outside the appliance.
- At least 2 people for assisting transportation.



Disposal of the Old Device



Old electric and electronic devices frequently still contain valuable materials. However, they also contain damaging substances, which were necessary for their functionality and safety. If these were put in the non-recyclable waste or were handled incorrectly, they could be detrimental to human health and the environment. Therefore, do not put your old device into the non-recyclable waste under any circumstances.

Please note

- ▶ Utilize the collection point, established in your town, to return and recycle old electric and electronic devices. If necessary, contact your town hall, local refuse collection service or your dealer for information.
- ▶ Ensure that your old device is stored safely away from children until it is taken away: Before you throw away your old refrigerator take off the doors and leave the shelves in place, so that children may not easily climb inside.
- ▶ Blowing gas inside the unit is flammable. The disposal of this flammable material should be in accordance with national regulations.

Troubleshooting

You can solve many common wine cooler problems easily, saving you the cost of a possible service call. Try the suggestions below to see if you can solve the problem before calling the service.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Refrigerator does not operate	Not plugged in	Press ON/OFF
	The appliance is turned OFF at the control panel The circuit breaker has tripped or a fuse has blown out	Check and make sure the power plug is well connected Ask an engineer for help
Refrigerator is not cold enough; can not cool down to the preset temp	Compressor does not start	Ask an engineer for help/check the connection of the compressor
	Compressor self-protected and has stopped operating	The ambient temperature is too high (over 38C degree Celsius) The air venting is not smooth, check that the air duct is not blocked Fan operates slowly or is faulty and has stopped operating The door is not closed completely, or the door opened too long. The compressor, or its components are faulty
	Fans stop working or operate at low speed	Ask an engineer for help. Power the refrigerator ON and OFF. Check the fan and whether the voltage is normal. If the voltage is normal, then the fan should be damaged
	Evaporator ices up	Turn OFF the refrigerator for one hour and open the door. The ice on the evaporator will melt. Check the door seal for any air gaps
	Door is not closed properly	Check the door lock, shelves, or other objects, make sure door is well closed. Check the rubber seal for any air gaps. Check the door hinges, make sure they are not loose
	Condenser is dusty	Wash and clean the condenser
	Cooling system faulty (Gas leakage or blockage)	Ask an engineer for help

Compressor starts and stops frequently	The door gasket does not seal properly	Use low heat on hair dryer to make the door seal take shape
	The sensor connection is wrong	Read the wiring diagram to make the correct connection of sensor
	The sensor is faulty	Replace with a new sensor
	The door is opened too often	Replace the times/frequency of door openings
The light does not work	Not plugged in, or the light button is "OFF"	Check and make sure the light button is ON, or ask an engineer for help
	Light itself faulty	
The Refrigerator seems to make too much noise	The stand feet is not leveling, vibrations lead to noise	Adjust the stand feet and ensure they are level
	Copper pipe hits other objects and makes noise	Gently adjust the position of the pipe
	When the compressor shuts down or starts, it is normal for noise from the vibrations generated by the internal moving parts due to inertia	Take no action
	A liquid plumbing noise may come from the flow of the refrigerators gases, which is normal. As each cycle ends, you may hear gurgling sounds	Take no action
The door will not close properly	Door is blocked by the door lock, shelves, or other objects	Remove the barrier
	Door sealing rubber is deformed	Repair or replace the rubber seal
	Door hinges are not loose	Adjust and fasten the hinges
Ice up	Outlet/suction outlet blockage	Remove the barrier
	Fans stop working or operate at low speed	Ask an engineer for help. Power the refrigerator ON and OFF. Check the fan and whether the voltage is normal. If the voltage is normal, then the fan should be damaged
	The door gasket does not seal properly; or door is opened too often	Use low heat on hair dryer to make the door seal take shape
	Gas leakage or cooling system blockage	Ask an engineer for help
External cabinet seems too hot	Ambient temperature is too high, or direct sunshine	Operating conditions need to be improved
	Front grill outlet/ suction outlet blockage	Remove the barrier

	Fans stop working or low speed operating	Ask an engineer for help, power on the refrigerator, check the fan whether the voltage is normal or not. If the voltage is normal, the fan should be damaged
Water drop on glass door	Ambient humidity is high	Use a soft cloth to clean the water
	The door is opened too often	Reduce the times/frequency of door opening
	The door gasket does not seal properly	Use low heat on hair dryer to make the door seal take shape

Error Codes Display

Error codes	Error Reason	Failure checking position	How to repair ?
Display flashes Error message "E1" or "E2"	Upper zone temperature sensor failure	Check the circuit between upper zone sensor to PCB Board whether loosing	If loosing ,connect it again, if the circuit no loosing, please change the sensor
Display flashes Error message "E3" or "E4"	Defrost sensor failure	Check the circuit between defrost sensor to PCB Board whether loosing	If loosing ,connect it again, if the circuit no loosing, please change the sensor
Display flashes Error message "E5" or "E6"	Lower zone temperature sensor failure	Check the circuit between lower zone temperature sensor to PCB Board whether loosing	If loosing ,connect it again, if the circuit no loosing, please change the sensor
Display flashes Error message "E7" or "E8"	Middle zone temperature sensor failure	Check the circuit between middle zone temperature sensor to PCB Board whether loosing	If loosing ,connect it again, if the circuit no loosing, please change the sensor
Display flashes Error message "E9"	Connection failure between power board and control	Check whether the connecting wire on the control board and the connecting wire on the power board are properly connected	If loosing ,connect it again, if the circuit no loosing, please change the Power PCB board
Display flashes Error message "HH"	High temperature alarm(the temperature in the wine cabinet over 78.8°F/26°C)	a. check whether the gas leakage	If leakage, inject the refrigerant gas
		b. check the capillary copper tube on the Strainer beside the compressor whether blocked	If blocked, change the capillary copper tube
		c. check the fan of evaporator whether working	If not working ,change the fan
Display flashes Error message "LL"	Low temperature alarm (temperature in the wine cabinet below 32°F/0°C)	a. check the fan of heater whether working	If not working ,change the fan
		b. check the control panel whether regular working	If not regular working, change the control panel
		c. check the heater whether regular working	If not regular working ,change the heater

Technical specification

Item no.	LW52DEU	LW72DEU	LW128DEU	LW168DE
Operating voltage and frequency	220-240V~50Hz			
Rated input power	90W	110W	130W	150W
Rated current	0.5A	0.6A	0.7A	0.9A
Setting temperature range	5°C to 22°C			
Protection class	Class I			
Power of the illumination light	1.5 W			
Noise level	< 43 dB (A)			
Refrigerant used and injection quantity	R600a/30g	R600a/35g	R600a/50g	R600a/52g
Energy efficiency class	G			
Foam blowing agent	Cyclopentane			
Climate class	N-ST (16°C to 38°C)			
No. of temperature zones	2			
Volume capacity	133L	232L	387L	447L
Storage bottle capacity	46 bottles	72 bottles	135 bottles	160 bottles
No. of shelves	5	6	7	8
Net weight (approx.)	53kg	68kg	83kg	105kg
Dimension	595 x 572 x (H)820mm	600 x 595 x (H)1220mm	595 x 680 x (H)1625mm	595 x 680 x (H)1800mm
Power cord length	2200mm			
Estimated Yearly Electricity Use	131 KWh	147 KWh	195 KWh	202 KWh

Item no.	LW54DEU	LW128DDEU	LW168DDEU	LW168TEU
Operating voltage and frequency	220-240V~50Hz			
Rated input power	90W	150W	150W	150W
Rated current	0.5A	0.9A	0.9A	0.9A
Setting temperature range	5°C to 22°C			
Protection class	Class I			

Power of the illumination light	1.5 W			
Noise level	< 43 dB (A)			
Refrigerant used and injection quantity	R600a/30g	R600a/50g	R600a/52g	R600a/52g
Energy efficiency class	G			
Foam blowing agent	Cyclopentane			
Climate class	N-ST (16°C to 38°C)			
No. of temperature zones	2	2	2	3
Volume capacity	158L	379L	429L	419L
Storage bottle capacity	44 bottles	133 bottles	162 bottles	166 bottles
No. of shelves	4	7	8	8
Net weight (approx.)	51kg	83kg	103kg	105kg
Dimension	600x595 x (H)875mm	595 x 680 x (H)1625mm	595 x 680 x (H)1800mm	595 x 680 x (H)1800mm
Power cord length	2200mm			
Estimated Yearly Electricity Use	134 KWh	190 KWh	170 KWh	199 KWh

Item no.	LW80SEU	LW128SEU	LW168SEU	LW80DEU
Operating voltage and frequency	220-240V~50Hz			
Rated input power	90W	130W	150W	150W
Rated current	0.5A	0.7A	0.9A	0.9A
Setting temperature range	5°C to 22°C			
Protection class	Class I			
Power of the illumination light	1.5 W			
Noise level	< 42 dB (A)			
Refrigerant used and injection quantity	R600a/40g	R600a/50g	R600a/52g	R600a/40g
Energy efficiency class	G			
Foam blowing agent	Cyclopentane			
Climate class	N-ST (16°C to 38°C)			
No. of temperature zones	1	1	1	2
Volume capacity	201L	398L	444L	197L
Storage bottle capacity	80 bottles	135 bottles	171 bottles	73 bottles
No. of shelves	6	7	8	6
Net weight (approx.)	54kg	81kg	103kg	54kg

Dimension	495 x 590 x (H)1265mm	595 x 680 x (H)1625mm	595 x 680 x (H)1800mm	495 x 590 x (H)1265mm
Power cord length	2200mm			
Estimated Yearly Electricity Use	183 KWh	178 KWh	202 KWh	183 KWh

Remark: Technical specification is subjected to change without prior notification.

Warranty

Any defect affecting the functionality of the appliance which becomes apparent within one year after purchase will be repaired by free repair or replacement provided the appliance has been used and maintained in accordance with the instructions and has not been abused or misused in any way. Your statutory rights are not affected. If the appliance is claimed under warranty, state where and when it was purchased and include proof of purchase (e.g. receipt).

In line with our policy of continuous product development we reserve the right to change the product, packaging and documentation specifications without notice.

Discarding & Environment

When decommissioning the appliance, the product must not be disposed of with other household waste. Instead, it is your responsibility to dispose to your waste equipment by handing it over to a designated collection point. Failure to follow this rule may be penalized in accordance with applicable regulations on waste disposal. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste for recycling, please contact your local waste collection company. The manufacturers and importers do not take responsibility for recycling, treatment and ecological disposal, either directly or through a public system.