

# OPERATING MANUAL

## COMMERCIAL COOLERS



EN

This manual has been prepared from the models listed below. May appear RX at the end of the model name on the labels of the model you have. The RX doesn't relate using the device. This title can be change in reference to orders.

UMD 65 KS
UMD 110 KS
UMD 68 KS

## INFORMATION

Dear Customer,

The product you bought was manufactured by using asbestos, formaldehyde, cadmium and CFC-free substances as well as compressor oil that does NOT contain PCB, PCT throughout the production process. The gases used in your cooler are R134a, R404a, R290 and R600a. These gases conform to KYOTO Protocol.

Your cooler conforms to WEEE (Waster Electric and Electronic Equipment) Directive.

## IMPORTANT

Dear Customer,

Always ensure that introduction and installation of your cooler, which was manufactured in our Company plants with great care, are always carried out by Authorized Service Team. Your product will NOTE be under warranty in case of any failure if the introduction and installation of your bottle cooler are carried out by a service other than Authorized Service.

Dear Customer,

Points to consider within this manual are indicated under the headings WARNING, CAUTION, NOTE and SUGGESTION.

These headings are defined according to the degree of importance and we kindly request you to read each of them carefully.

The information stated under headings WARNING, CAUTION, NOTE and SUGGESTION in this operating manual applies for all stages during the period of use of your product, including transportation and installation.

## **WARNING!**

Contains information for preventing serious damages, which may lead the product out of use, to injury, loss of life property while the product, is in use.

## **CAUTION!**

Contains information for preventing the errors, which may decrease the efficiency of your product or failures while the product is in use.

### **NOTE**

Contains explanatory information while the product is in use.

### **SUGGESTION**

Contains information that may be useful while the product is in use.

### **NOTE**

In case of any failure, please contact to our Call Centre, nearest Authorized Service or Customer Care Centre for obtaining information. Our Customer Care Center hotline is available at last page of the operating manual.

It is at the discretion of the consumer to take action related to the food inside your cooler in case of any failure. Our company is NOTE responsible from the deterioration of your foodstuff due to any failure or usage error.

Our products are manufactured for cooling and cold storing packed foodstuff and packaged beverages. Our company is NOTE responsible for any damage that may occur in the products that are used for another purpose.

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## A- THINGS THAT MUST BE DONE BEFORE USING YOUR COOLER

### **WARNING!**

- Do NOT place your product to a place exposed to direct sunlight or influence area of the heat sources such as stove, radiator core, oven, cooker, radiant and infrared. Otherwise, this may cause performance decrease, damage of your product or make it become dysfunctional.
- Your product is set for operating at mains power of 220-240 Volt 50 Hz. Using your cooler with a different voltage may cause it become dysfunctional and fire.
- Electrical installation must conform to national regulations.
- There must absolutely be a residual current relay and a fuse in your electrical installation for preventing the risks of electrical shock and fire.
- Our company is NOT responsible for the failures and damage that may occur in case of using without grounding.
- Place the product in a damp-free place with unobstructed air circulation.
- You must clean inside your product before the first use.
- After placing your product to its place, wait for one (1) hour without moving it before starting using.
- If your cooler is installed under vew cold weather conditions, then the waiting period must be at least two (2) hours before starting to operate it.
- If you do NOT use your product for a short time or leave it empty, do NOT unplug it for saving energy. Otherwise, more energy will be consumed for recooling your product.
- Unplug your product in case of sudden blackouts. For starting again, plug in your product 20 minutes after the electricity is supplied. High voltage occurring at the moment of electricity supply may cause damage of your product and fire.
- Do NOT allow wild animals and pets to enter into your product or walk around it. It may damage your product or cause death and injury of the animals. Furthermore, wild animals and pets may cause fire by giving harm to the electrical installation.
- Never place hot foodstuff into your cooler for cooling purposes.
- The product you've purchased is designed and manufactured for cooling and storing bottles and/or canned beverages or packed food only. Please do NOT use for other purposes.
- Your product is designed for using at indoor places. Do NOT use your product at outdoor places. Do NOT place materials that must NOT be cooled down into your product. Do NOT use your product for defrosting frozen food.
- Product installation, placement, maintenance and cleaning must be done as stated in the manual. Do NOT apply anything contrary to the manual. In case of any damage that may happen in your product as the result of such use, warranty conditions will be invalid due to user error.
- Place your product onto a flat surface with no slope in order to prevent sliding or tilting of your product.
- Operate your product only in usage position.
- Do NOT expose your product to direct sunlight.
- Carry and store your product at normal using position only in order to protect it from damages.
- Actions in contrary may cause loss of the warranty rights.
- For preventing frost formation inside your product and high sweating on the glasses make sure that the discharge valve is closed.

## A- THINGS THAT MUST BE DONE BEFORE USING YOUR COOLER

### NOTE

It is at the discretion of the consumer entirely to take action related to the food inside your product in case of any failure. Our company is not responsible from the deterioration of your foodstuff due to any failure or usage error.

The product you have purchased has been designed and manufactured for cooling and cold storing bottles and/or canned beverages or packed food only. Our company shall not be held responsible for any damage that may occur in the products, which are used for another purpose.

Check your product if there are any failures or not immediately after receiving the product you've purchased. If there is any damage, contact to your seller within 24 hours.

Model designation of non-standard and customs products contain the letters CD. Please contact to the authorized services for the technical specifications of these products.

In order to use your product efficiently and safely, please read this manual entirely before starting using your product and keep it as a source of reference. You can find updated version of the operating manual from your authorized devices or your salesperson.

This product contains (WEEE) classification symbol, which indicates electric and electronic hardware. Accordingly, the user must conform to 2012/19/EU European Directive for recycling in order to minimize the environmental impact of the relevant product.

When you intend to throw your product to garbage or to allocate is as scrap, please contact to Authorized Services for learning necessary information. Your device must be definitely delivered to local WEEE disposal institutions in such cases.

The pictures shown in this manual are representative only and may vary depending on the model. Since the specifications stated in this manual include all options, some of them may not be present at your product.



### **WARNING!**

- The products mentioned in this manual are designed and produced under control according to national and international security norms.
- Following rules must be considered for a safe and secure use.
- Check that your outlet is suitable for the operation of your product. Always use your product with grounded socket. Make sure that electrical installation of your building is convenient. Do not use displaced and loose outlets.
- Do not ever use your product with extension cord or power strip.
- Always follow the instructions in this manual while replacing the bulb. The power of the bulb to be replaced is indicated on the device declaration name label, on the label just under the lamp and in this manual. Canopy lamps must only be replaced by Authorized Service.
- Lamp replacement for the lightings must only be made by Authorized Service.
- If power cable is damaged, its replacement must only be made by Authorized Service.
- Please call Authorized Service if you have any doubt about the electrical connection while your product is running.
- Always pull the plug of your product by holding it from the plug-head. Never pull the power cord.
- Do not remove any external protective cover that is not stated in this manual. You may access electrical parts posing threat to life if the external protective covers are removed.
- Never use pressurized water for cleaning. Pressurized water may cause damage in live parts.
- Do not handle the electrical issues by yourself. Do not forget that safety comes first.
- Never plug and operate a damaged (such as transportation damage) product. Always call the nearest Authorized Service.
- Always consider maximum loading capacity while loading your product with beverages. Do not exceed the loading line indicated in your product.
- Replacement for the live parts must only be made by Authorized Service.
- Always store packaging materials of your product out of reach of children. Packaging materials (nylon, styrofoam etc.) may pose danger for children.
- The product you've purchased must not be used by physically (visual, audial) or mentally handicapped people, children and people with inadequate knowledge without surveillance of a person responsible for their safety. Children must be guarded while using the product and it must be ensured that they are not playing with the product.
- Do not use any material and metal that are not recommended by the manufacturer while defrosting. You may damage cooling parts.
- Do not damage cooling cycle components.
- Do not anyway use the products/materials, which are not recommended by the manufacturer company inside and outside the cabin.
- Make sure that the intervention to be made to your product is certainly made by an Authorized Service.
- Do not carry, move your product under any circumstance while it is plugged in.
- Never carry out servicing and repair operations on your product while it is plugged in.
- Substances such as aerosol cans with explosive propellant must not be stored in this product.
- Always abide positioning rules of your product. Not abiding cooling shutter and grill layouts may cause fire danger.

## A- SECURITY WARNINGS

### **CAUTION!**

Please check the refrigerant gas written on your product label.

**Following 5 clauses cover the products containing R600a and R290 Hydrocarbon gas.**

- Installation of this device must be only made by Authorized Service for reducing flammability dangers.
- Do not obstruct the ventilation holes on the device cover or body.
- Mechanical tools and other apparatus, other than the ones recommended by the manufacturers, must not be used for accelerating defrosting.
- Cooling circuit must not be damaged.
- Electrical devices must not be used inside the food storage section of the device unless the models recommended by the manufacturer.

### **WARNING!**

- If your product is damaged or not working properly, please unplug it from the wall outlet. Transfer the load inside of it to a convenient place and call the nearest Authorized Service.

## B- GENERAL APPEARANCE OF YOUR COOLER



### NOTE

Technical details of the product are located on the labels located on the product. our Company reserves right to change technical features of the products without requiring a notification.

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## C- INSTALLATION OF YOUR COOLER.

### Selecting the place of installation

The operating environment of the product is very important for the smooth operation of your product. While selecting the operating environment,

Do not place your product exposed to outdoor environment (on the street, avenue etc.)

Be careful for not obstructing lower side shutter of the product with materials such as cardboard, box etc. for a proper cooling(Picture 1).

Place the product at least one (1) meter away from heat resources (stove, radiator, electric heater etc.)(Picture 2).

Do not place it opposite to the air conditioner chutes, under fans and direct door and window openings(Picture 3).

Do not expose to direct sunlight. Operation ratio will increase if sunlight comes to the cooler's glass. That means an increase in the energy consumption.

Air intake and outlet must absolutely be fluent and free for proper operation of the compressor section of your product. While approaching your product to the wall, be careful that there is a gap of 150 mm (15 cm) between the wall and back of your cooler.

### WARNING!

In very humid environments, ensure that floor and wall of the place where your cooler is located, is not affected by water; against discharge water overflow danger.

In installations performed by Authorized Service, Authorized Service shall inform the consumer on the suitable place for installation and make suggestion, but the consumer shall give the final decision on where the installation will be made.

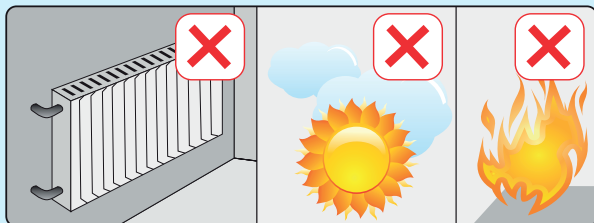
This above mentioned process shall also be stated on the relevant installation form by Authorized Service.

In case of any loss arising from the place of installation of the product according to the final decision given by the consumer, all responsibility related to such loss shall belong to the consumer.

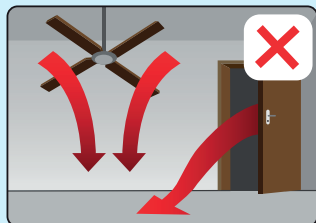
This appliance is intended to operate in climates where the maximum temperature and the humidity are 25°C %60 R.H respectively.



PICTURE 1



PICTURE 2



PICTURE 3

## C- INSTALLATION OF YOUR COOLER.

### Positioning

Possible placement positions:

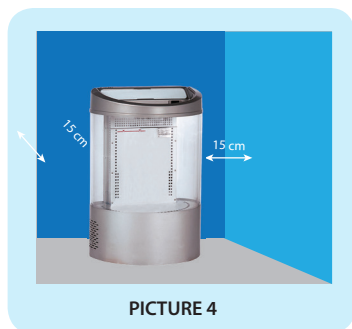
1- In a way that the back side alone is opposite to the wall; be careful that there is a gap of 150 mm (15 cm) between the wall and your cooler(Picture 4).

2- In a way that is place to a corner; when you place it to a corner, leave a gap of 150 mm (15 cm) behind. You can lean the side, corresponding to the corner, to the wall.

The most important point to be considered in all cases of product placement is not to obstruct ventilation of the compressor assembly.

Without exposing your product to any slope, place and operate it in a manner that it is on its feet or wheels (Picture 5).

The freer the compressor assembly ventilation is, the better the device will run.



### Installation

Before positioning, remove and disassemble all packaging materials and bottom wooden pallet of the product. (It may be necessary to lift the cooler for removing the bottom pallet).

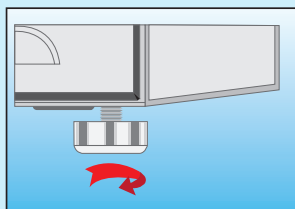
Insert the replacement parts inside your product according to the installation instructions. Only use genuine spare parts. Please consult to salesperson for minimum period during which spare parts, are available.

Inauthentic spare parts may constitute danger for you and damage your product.

Place the product anywhere you desire. Consider the placement rules written in the manual while positioning the product.

Balance your product in width and in depth by means of a water gauge. Perform balancing operation by using adjustable feet (optional) at the bottom front of your cooler(Picture 6).

In models with wheels (optional), wheel brake (optional) must be locked or if there is no wheel brake, it must be guaranteed that the device will not move after the positioning of the product.



PICTURE 6

## C- INSTALLATION OF YOUR COOLER.

### Electric Connection Rules

The product will start when you insert the plug into the outlet as shown in(Picture 7).

#### **WARNING!**

It is forbidden to insert the plug into multiple socket and to use extension cord(Picture 8).

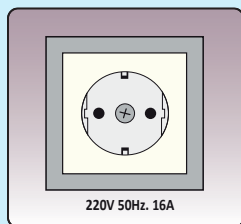
There is no separate on-off switch on your product.

Do not contact the cables of your product, which are connected to the mains, to hot surfaces.

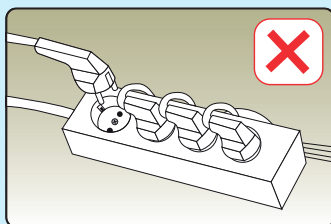
The outlet you will use must be grounded. Furthermore, the outlet to be used must have the resistance of at least 10-16 A and be protected with a suitable fuse. Definitely take assistance from our technical service or a competent electrician with regards to the fuse that should be present on the mains where the outlet is connected.

Mains voltage and frequency must be same with the value written on the label inside your product. If your mains voltage is extremely below or above the value indicated, definitely supply demanded voltage by using a voltage regulator. You can get assistance from an expert electrician with this regard.

Do not place your product's cord onto passageways. This may cause you to get injured and damage your cooler(Picture 9).



PICTURE 7



PICTURE 8



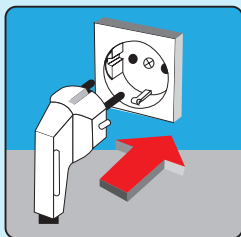
PICTURE 9



### Start-up

#### **WARNING!**

- This operating manual applies for various device models. Hardware scopes of the models may vary. There may be differences in the pictures.
- Clean inside and all accessories of your product before the first start up.
- If your product has been shaken so much during the transportation and positioning, wait for one (1) hour without running it. Thus, the compressor oil, which may enter into the system, will return back. You may damage the compressor if you run it without considering this.
- Insert your product's plug into an outlet with alternative current of 220-240V/50 Hz only, which has been installed according to the regulations(Picture 10).
- You will hear a slight sound from the compressor when your product is running.
- The fan inside your product will stop once you open the door of your refrigerator.



PICTURE 10

### Setting internal temperature of your cooler

Temperature setting of your device has made at our factory in a manner that it is operate under the most appropriate conditions. The recommended operating temperature is +5°C.

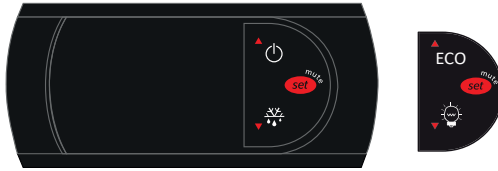
Protection temperature of the food are observed from the thermometer (optional) equipped in your cooler and set via the thermostat. However storing the factory settings is the most appropriate one.

Internal temperature of your cooler can be adjusted by rotating the thermostat button Internal temperature of your product can be set between +1 and +10°C.

When you operate your product with factory setting values, you will benefit most both from performance and energy consumption.





Operate your device empty at least for 3 hours. This way inside of your product will be cooled completely.


### IF YOUR DEVICE HAS CAREL THERMOSTAT




Use the "  " button to turn on and of your device.

#### Set Temperature


Press the "  " button for 1 second to change the operating temperature of your device. The current operating temperature will blink on the indicator within a few minutes. Use "  " / "  " buttons to increase or decrease temperature and exit from the menu by pressing the "  " button.


Press the "  " button for 5 second to use device in economic mode.


Press the "  " button for 5 second to turn on-off lights.


### IF YOUR DEVICE HAS ELIWELL THERMOSTAT








1- [] / **Defrost**: Press and release, increases the sliding values between Menu options or enables transition. When you press it at least for 5 seconds, Manuel Defrost Loop starts.

2- [] / **Light**: Internal menu status, decreases the sliding values between menu options or enables transition. When you press it at least for 5 seconds, the light turns on/off.

3- [] / (**Esc**): Press and release, enables to return to the previous menu level and to approve parameter value. When you press it at least 5 seconds, opens the programming menu. Approves the commands (Standby on).

3- [] / (**Enter**): Press and release, shows alarms and opens sub menus (if any). Approves the commands.

## IF YOUR DEVICE HAS ELIWELL THERMOSTAT

	<p><b>Reduced SET / Economy LED</b>  <b>Permanently on:</b> Energy Saving active  <b>Flashing:</b> Reduced set active  <b>Quick flashing:</b> Access to level2 parameters  <b>Off:</b> Otherwise</p>		<p><b>Fans LED</b>  <b>Permanently on:</b> Fans active  <b>Off:</b> Otherwise</p>
	<p><b>Compressor LED</b>  <b>Permanently on:</b> Compressor active  <b>Flashing:</b> Delay, protection or activation blocked  <b>Off:</b> Otherwise</p>		<p><b>Alarms LED</b>  <b>Permanently on:</b> Alarm active  <b>Flashing:</b> Alarm acknowledged  <b>Off:</b> Otherwise</p>
<p><b>AUX</b></p>	<p><b>Aux LED</b>  <b>Permanently on:</b> Aux output active  <b>Flashing:</b> Deep cooling Cycle active  <b>Off:</b> Aux output not active</p>	<p><b>°F</b></p>	<p><b>°F LED</b>  <b>Permanently on:</b> °F setting (dro = 1)  <b>Off:</b> Otherwise</p>
<p><b>C</b></p>	<p><b>°C LED</b>  <b>Permanently on:</b> °C setting (dro = 0)  <b>Off:</b> Otherwise</p>		<p><b>Defrosting LED</b>  <b>If it is continuously on:</b> defrosting is active.  <b>If it flashes:</b> Manual or DI is active.  <b>If it is off:</b> defrosting is inactive.</p>

### Set Temperature



To display the Setpoint value press the [SET] key when the 'Set' label is displayed. The Setpoint value appears on the display. Please again press the [SET]. To change the Setpoint value, press the [↑] and [↓] keys within 15 seconds. Press [SET] to confirm the modification. Press the [0] key to exit setting.

### IF YOUR DEVICE HAS DANFOSS THERMOSTAT




- 1) [  ] : Defrost Key
- 2) [  ] : Stand by Key
- 3) [  ] : Up Key
- 4) [  ] : Down Key

### Set Temperature

Push the [  ] until the temperature value is shown or push the [  ] until the temperature value is shown.

### Manual Defrost

Manual start or stop of a defrost. •Push the [  ].

### Loading foodstuff to your cooler

When your product reaches to the desired temperature at empty state, you can load it with the types of foodstuff with the examples given in this manual. (If your product is a thermometer installed model, you can control internal temperature of your product from here.)

#### **CAUTION!**

Before loading your cooler with foodstuff, run your cooler empty for two (2) hours.

Do not place products/substances that are dangerous to be cooled down into your cooler. Do not defrost frozen products in your cooler.

Leave a gap of at least two (2) cm between the foodstuff loaded and the upper shelf for ensuring air circulation.

Do not load with food over the loading line.

### Defrost function

There is not a special defrost function in your product. Your device will automatically melt the frost deposit on it under thermostatic operation.

Although your product automatically prevents frost deposit, frost deposit ratio may increase due to high temperature and humidity as well as frequent use of the device. Running period increases as the frost deposit increases. That also increases the energy consumption. In such cases, stop your device and ensure melting of the frost. An evaporator without frost deposit will always works with higher efficiency.

Water flowing from the evaporator comes to the drip tray at compressor section. Although the hot gas pipe evaporates this water here, it is necessary to check and clean this part at least once a month.

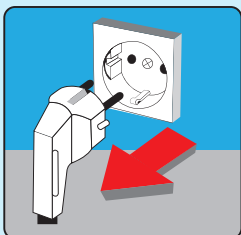
### Shutting down your product

Transfer the foodstuff inside your product to a convenient place.

Unplug your product(Picture 10).

If your product will not be used for a long time, apply following considerations;

Clean your product. Otherwise the humidity on the wall may cause darkening of the internal surface.



PICTURE 10

### CAUTION!

**If your product will be stored at an indoor place after shutdown;**

- Do not cover it with plastic sheets. Plastic will cause smell and sweating of your product as it does not breathe. Corrosion may be seen as the result of sweating.
- Smell formation may occur in cases where you fail to store your product with the door open.

# E- CLEANING, MAINTENANCE AND TRANSPORTATION OF YOUR COOLER

## CLEANING

Cleaning of your device is composed of two stages, which are the internal cleaning and external cleaning. Following warnings must certainly be abided before start cleaning.

### **CAUTION!**

Unplug your product before every cleaning.

Always wear protective gloves during cleaning and maintenance. This will protect you from injuries.

Never use domestic cleaning agents, abrasive and scratching substances (surface cleaners, detergent, flammable and sparkling, solvent like gasoline, thinner, acid) as cleaning agents. Otherwise loosening may occur in the plastic parts of your product.

Never use flowing and pressurized water for cleaning.

## Internal cleaning

Transfer the foodstuff inside your product to a convenient place.

Before the internal cleaning, wait until the temperatures of the internal parts of your product reaches to the ambient temperature.

Always wear protective gloves during cleaning and maintenance. This will protect you from injuries.

Remove the accessories from inside.

Perform cleaning with a soft cotton cloth and warm soapy water or by using the cleaning agents recommended by authorized services.

Dry with a dry cotton cloth. Products, which are not dried, may darken in time.

Make sure that no wet or humid area is left in the internal section after cleaning.

You can reload your product three (3) hours after running your product as stated in this manual.

## External cleaning

Clean with a cotton cloth and warm soapy water.

Prevent penetration of cleaning water into the front control panel and lighting section while cleaning.

Clean the door gasket by using clean soapy water only.

## Maintenance

This product does not require periodical maintenance.



### Transportation of your product

Unplug your product from the grounded outlet.

Carry out defrost operation.

Carry your product at normal using position. Do not carry horizontally, vertically, tilted or with the door open.

Protect your product from the impacts while carrying. Do not carry your product when it is plugged in or full.

In order not to cause any accident or for preventing the product to get damaged by falling or sliding, secure your product to the vehicle during the transportation.

#### NOTE

**Pay attention to the following considerations if you do not use your product.**

**If you do not use it for a short time:**

**Leave your product in operating state.**

**If you do not use it for long time and want to shut it down:**

**Consume the foodstuff inside your product and empty it.**

**Unplug the power cord from the outlet.**

**Apply defrost and internal cleaning steps in this manual.**

**Dry inside of the product thoroughly. Darkening may occur in the product which is not dried.**

**Leave the product door open.**

# F- THINGS THAT MUST BE DONE BEFORE CALLING AUTHORIZED SERVICE

## Troubleshooting

The failures and solutions stated in this section can be performed easily by yourself and always consult to an Authorized Service if these suggestions do NOT solve your problem.

### CAUTION!

- Intervention to any failure that may occur in your product must be carried out by Authorized Service.
- Any intervention that may be done by you may harm you, your employee or customer, invalidate the product guarantee and cause material damage (fire etc..).
- In case of any failure, consult to Customer Care or Authorized Service.
- Consult your salesperson to order spare parts.

Troubleshooting	Possible Solution	Result
Cooler is not working. (No sound or only fan sound comes from the product.)	It may be due to the thermostat. Not plugged in. The fuse may be blown or broken down. Condenser lamella may be obstructed or get dirty.	It will run again when reached to the suitable temperature. Insert the plug properly. Consult to an Authorized Service or a competent electrician. Consult to an Authorized Service.
Device internal temperature is high.	External ambient temperature is very high or wrong thermostat setting. Very close to the back wall, ventilation shutters are obstructed or its front is prevented. It may have been exposed to excessive external wind. Condenser lamellas are very dirty.	Move the cooler to a place where the external temperature is lower. Adjust to the stated gap. Clean in front of the ventilation shutters. Prevent the wind. Consult to an Authorized Service.
Device internal temperature is very low.	Wrong internal thermostat setting.	Re-set the thermostat.
Lamps of the cooler do not light or only one of them lights.	Lamps are turned off. Bulb has blown or starter failure.	Turn-on the lamps. Replace failed part.
High degree of sweating on the glass inside the device.	Water discharge hole may be obstructed when sweating is seen inside the cabin. In glass sweating on the other hand, current external ambient humidity is over 65%.	Clean water discharge hole. With regards to the high humidity, you can move your cooler to an environment with less humidity.
Bad smell coming from the bottom part of the cooler.	Lower water discharge tray is dirty. (For some models only)	Clean the water discharge tray.

Power values of the bulbs and leds used in your product are stated in the section where they are inserted and may vary in products. Only Authorized Service can intervene bulbs and leds used in your products.





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