



COMMERCIAL TYPE UPRIGHT COOLER

USER MANUAL **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.

USS 100 DSCL
 USS 1000 D2K
 USS 1000 D2KL
 USS 1000 DSC
 USS 1000 DSCL
 USS 1100 D2KL
 USS 1100 DSCL
 USS 1200 D2K
 USS 1200 D2K HV UCOOL
 USS 1200 D2K HV UCOOL LUCE
 USS 1200 D2K UCOOL
 USS 1200 D2K UCOOL LUCE
 USS 1200 D2KL
 USS 1200 D3K
 USS 1200 DSC
 USS 1200 DSCL
 USS 140 DTK
 USS 140 DTK BK
 USS 15 DTKL
 USS 1500 D2K
 USS 1500 D2K HV UCOOL
 USS 1500 D2K UCOOL
 USS 1500 D3K
 USS 1500 D3K HV UCOOL
 USS 1500 D3K HV UCOOL LUCE
 USS 1500 D3K UCOOL
 USS 1500 D3K UCOOL LUCE
 USS 1500 D3KL
 USS 1500 D5K
 USS 160 DTK
 USS 1600 D2K
 USS 1600 D2KL
 USS 1600 D3K
 USS 1600 D3KL
 USS 1600 D5KL
 USS 175 DTK
 USS 175 DTK P
 USS 175 DTK PREMIUM
 USS 175 DTKL
 USS 1800 D3K LEAN
 USS 1800 D5K LEAN
 USS 190 D2KL
 USS 220 DTK
 USS 220 DTK BK
 USS 220 DTK PREMIUM
 USS 220 DTKE
 USS 220 DTKL
 USS 220 DTKL BK
 USS 220 DTKLB
 USS 220 DTKLE
 USS 240 DTK LEAN
 USS 2500 D4K
 USS 275 DTK
 USS 275 DTK PREMIUM
 USS 275 DTKL
 USS 300 DTK

USS 300 DTK BK
 USS 300 DTK PREMIUM
 USS 300 DTKE
 USS 300 DTKL
 USS 300 DTKL BK
 USS 300 DTKLE
 USS 330 DTK LEAN
 USS 330 DTKL LEAN
 USS 374 D2K
 USS 374 D2KL
 USS 374 DTK
 USS 374 DTK ARS
 USS 374 DTK BK
 USS 374 DTK BK ARS
 USS 374 DTK BK GST
 USS 374 DTK GST
 USS 374 DTK LEAN
 USS 374 DTK PREMIUM
 USS 374 DTK R62
 USS 374 DTKB ARS
 USS 374 DTKE
 USS 374 DTKE ARS
 USS 374 DTKL
 USS 374 DTKL ARS
 USS 374 DTKL BK
 USS 374 DTKL HARMONY
 USS 374 DTKL SZ
 USS 374 DTKL SZ BK
 USS 374 DTKL SZ
 USS 374 DTKLB
 USS 374 DTKLB SZ
 USS 374 DTKLE
 USS 380 DTKL
 USS 385 DTKL ST
 USS 400 DTK
 USS 420 DTK
 USS 420 DTK LEAN
 USS 420 DTK STREET COOLER
 USS 420 DTK SZ
 USS 425 DTK ST
 USS 440 DTKL
 USS 440 DTKL SZ
 USS 440 DTKLB
 USS 500 DTK
 USS 500 DTK HV UCOOL
 USS 500 DTK HV UCOOL LUCE
 USS 500 DTK R63
 USS 500 DTK UCOOL
 USS 500 DTK UCOOL LUCE
 USS 500 DTKL
 USS 500 DTKLB
 USS 60 DTKL
 USS 600 DTK HV UCOOL
 USS 600 DTK HV UCOOL LUCE
 USS 600 DTK UCOOL
 USS 600 DTK UCOOL LUCE

USS 690 DTKL
 USS 690 DTKL BK
 USS 690 DTKL LCD
 USS 690 DTKL LCD SMART
 USS 690 DTKL LCD VW1
 USS 690 DTKL LCD VW2
 USS 691 DTKL
 USS 691 DTKL LCD
 USS 695 DTKL ST
 USS 700 DTK
 USS 700 DTKL PREMIUM
 USS 748 D2K
 USS 748 D2K LEAN
 USS 748 D2KL
 USS 748 D2KL D/S
 USS 748 D4KL
 GK739UB
 USS 750 DTK HV UCOOL LUCE
 USS 750 DTK UCOOL
 USS 750 DTK UCOOL LUCE
 USS 80 DTKL
 USS 810 DTK
 USS 840 D2K LEAN
 USS 890 D2K
 USS 890 D2KL
 USS 890 DSCL
 GK898UB
 900 D2K HV UCOOL LUCE
 USS 900 D2K UCOOL
 USS 900 D2K UCOOL LUCE
 USS 900 DSCL
 USS 900 DSCL PREMIUM USS
 95 DTK
 USS 95 DTK PREMIUM
 USS 95 DTKL
 USS 95 DTKL SZ

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 and 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.

NOT

Contains explanatory information while the product is in use.

SUGGESTION

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

NOTE

Our products are manufactured for cooling foodstuff and beverages. Our company is not responsible for any damage that may occur in the products, which are used for another purpose.

EN

TABLE OF CONTENTS

A - Things that must be done before using your cooler and Safety precautions.

B - General appearance of your cooler

C - Installation of your cooler

Selecting the place of installation

Positioning

Hanging

Installation

Installing the Shelves

Electric Connection Rules

D - Using your cooler

Start-up

Setting internal temperature of your product

Using thermostat

Defrost function

Shutting Down Your Product

Loading foodstuff to your product

E - Cleaning, maintenance and transportation of your cooler

Cleaning

Internal cleaning

External cleaning

Maintenance

Transportation of your product

F - Things that must be done before calling Authorized Service

Troubleshooting

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 stove, radiator core, oven, cooker, radiant and infrared. Otherwise, this may cause performance decrease, damage of your product or make it become dysfunctional (Picture 1).
- This device works with 220-240V / 50Hz, 220-240V / 60Hz, 110-120V / 50Hz or 110-120V / 60Hz, alternating current. Check this value from the label on the device (Picture 2).
- Electrical installation must conform to national regulations (Picture 3).
- 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 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 start using.
- If your cooler is installed under very cold weather conditions, then the waiting period must be at least two (2) hours before start it to operate.
- 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 re-cooling 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 may damage or cause death and injury of the animals. Furthermore, wild animals and pets may cause fire by giving harm your product to the electrical installation.
- Never place hot foodstuff into your cooler for cooling purposes.
- The product you've purchased is designed for and manufactured for cooling and storing bottles and/or canned beverages or packed food only. Please do not use for other purposes.



Picture 1



Picture 2



Picture 3

A - THINGS THAT MUST BE DONE BEFORE USING YOUR COOLER

- 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.
- Frost deposit will increase in the products, the doors of which are left open or opened-closed frequently and your product will not be able to perform cooling operation. Therefore, open your product's door only when you need. Make sure that the product's door is closed when you don't need.

WARNING!

- Since an impact to the glass parts of the products with glass doors by a sharp, pointed object or its contact to a very hot substance may cause the glasses to be broken, this matter must be paid attention particularly.
- Place your product onto a flat surface with no slope in order to prevent sliding or tilt over of your product.
- Operate your product only at 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 against damages. Actions in contrary may cause loss of the warranty rights.
- Make sure that the discharge valve is closed for preventing frost formation inside your product or high sweating on the glasses.

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 cooler 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've purchased is designed and manufactured for cooling and storing bottles and/or canned beverages or packed food only. Our company is not 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.

You can updated version of operating manual from our authorized services.

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.



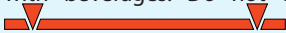
This product contains (WEEE) classification symbol, which indicates electric and electronic hardware. Accordingly, the user must conform to 2012/19/EU European Directive for recycling in order to minimize the environmental impact of the relevant product.

When you intend to throw your product to garbage or to allocate 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.

A - SAFETY PRECAUTIONS

WARNING!

- The products mentions in the manual are designed according to national and international security norms and produced under control.
 - Following matters 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, 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 the product is running.
 - Always pull the plug by holding it from the plug-head. Never pull the power cord.
 - Do not remove any external protective cover that are 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 intervene the device directly in case of any failure arising from the electricity system of the device and/or the electrical installation it is connected. Call the nearest Authorized Service after breaking the electricity current by unplugging the device or turning of the switch.
 - 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.

A - SAFETY PRECAUTIONS

- 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 authorized service.
- Do not carry, move the product under any circumstance while it is plugged in.
- Never carry out servicing and repair operations on the product while it is plugged in.
- Substances such as aerosol cans with flammable 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.

CAUTION!



Please check the refrigerant gas written on your product label.

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

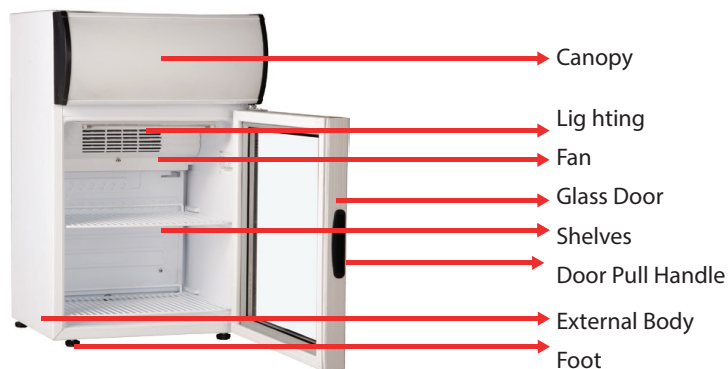
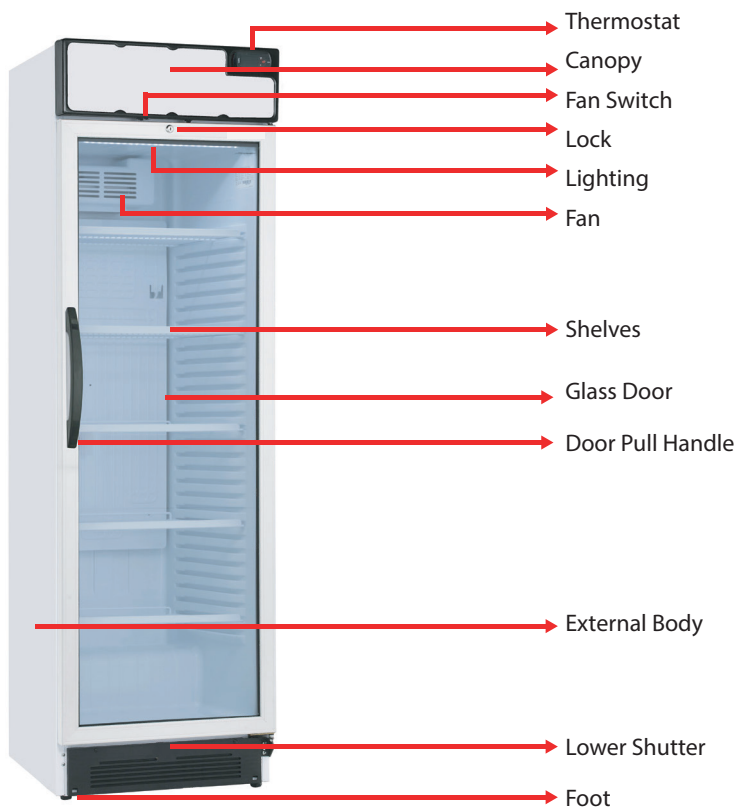
- Installation of this device must be only made by Authorized Service for reducing flammability dangers.
- Do not obstruct the ventilation holes on the device cover or body.
- Mechanical tools and other apparatus, other than the models recommended by the manufacturer, must not be used for accelerating defrosting operation.
- 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.
- Installation of this device must be only made by Authorized Service for reducing flammability dangers.

WARNING!

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

EN

B - GENERAL APPEARANCE OF YOUR COOLER



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,

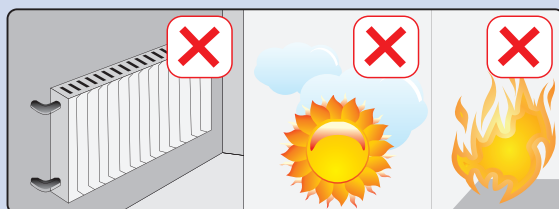
- Do not place your product exposed to outdoor environment (on the street, avenue etc.).
- Be careful for not obstructing lower shutter of the product with materials such as cardboard, box etc. for a proper cooling (Picture 4).
- Place the product at least one (1) meter away from heat resources (ex: stove, radiator, electric heater etc.) (Picture 5).
- Do not place it opposite of the air conditioner chutes, under fans and direct door and window openings. (Picture 6).
- 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.

Your product gives the best cooling performance according to the climate condition under the conditions given below. Therefore, be careful that the temperature of the environment where your cooler will operate at these levels. Please check rating label on device.

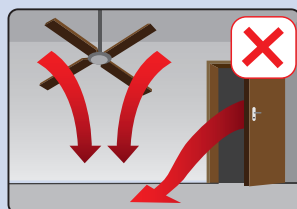


Picture 4

Climate Class	Temperature Range	Humidity
CC1	25°C	60% Rh
CC2	32°C	65% Rh
4	30°C	55% Rh



Picture 5



Picture 6

EN

C - INSTALLATION OF YOUR COOLER

WARNING!

In very humid environments, ensure that floor and wall of the place where the 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 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.

Positioning

Positioning Possible placement positions:

There must be at least 150 mm between the back of the device and the wall, and 40 mm between the sides and the wall or other device (Picture 7).

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

Without expose your product to any slope, place and operate it in a manner that it is on its feet or wheels (Picture 8).

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

EN



Picture 7



Picture 8

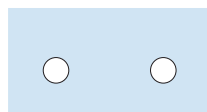
C - INSTALLATION OF YOUR COOLER

Hanging

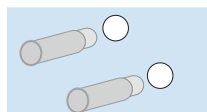
WARNING!

There is wall hanging apparatus only behind USS 60 / USS 95 / USS 100 / USS 190 models. You do not need to leave an additional gap for these models.

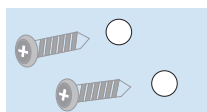
MODEL	A DIMENSION	MAX. LOADING CAPACITY
USS 60	342	20 kg.
USS 95	355	24 kg.
USS 100	527	42 kg.
USS 190	355	48 kg.



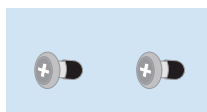
2 holes with the diameter of 7 mm and depth of 40 mm are drilled on a surface, the solidness of which is ensured, on the A axis which you have determined according to the device.



Expansion bolt of 8 mm is driven into both holes tightly.

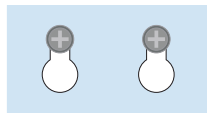


2 screws of 4,8x38 YSB DIN NO:7981 are inserted into the expansion bolt that are driven tightly.



It is necessary to leave the distance of 2-3 mm between the head of the screw and the expansion bolt and for inserting the hanging plates behind the cooler to the screws.

Note: Leaving the screws excessively long may cause detachment of the cooler.



Make sure that the slot hole on the hanging plate behind the cooler fits securely.

While hanging the device onto the expansion bolt, you can align the screw and slot hole from the hole on the side surface of the hanging plate.

EN

C - INSTALLATION OF YOUR COOLER

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).

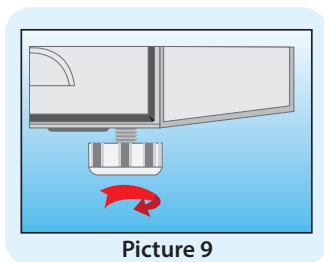
Insert the replacement parts inside your product according to the installation instructions. Only use genuine spare parts. Please consult to salesperson for minimum period during which spare parts, are available.

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 at the bottom front of your cooler (Picture 9).

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 9

Installing the Shelves

Shelf spaces of your product can be adjusted as desired.

There are numbers on the backup strips so as to even up the shelf spaces easily. Adjust the backup strips according to the desired space and attach its clips. To attach the shelf clips, insert the lower part of the foot into the backup strip and press the upper part with your hand inward and attach the shelf clips. To attach the shelves, open the cover of the device 90 and install the shelves. You can remove the shelves and shelf clips by doing the opposite process.

Do not mount the shelves in an inclined way.



C - INSTALLATION OF YOUR COOLER

Electric Connection Rules

The product will start when you insert the plug into the outlet as shown in picture 10.

WARNING!

It is forbidden to insert the plug into multiple socket and to use extension cord (Picture 11).

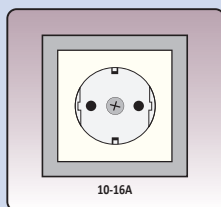
There is no separate on-off switch on your product.

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

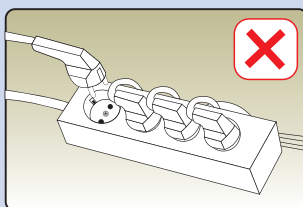
The outlet you will use must be grounded. Furthermore, the outlet to be used must have the resistance of at least 10-16 A and be protected with a suitable fuse. Definitely take assistance from our technical service or a competent electrician with regards to the fuse that should be present on the mains 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 12).



Picture 10



Picture 11



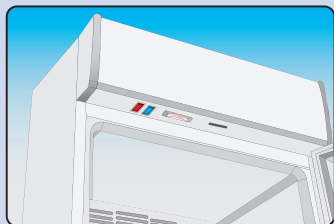
Picture 12

D - USING YOUR COOLER

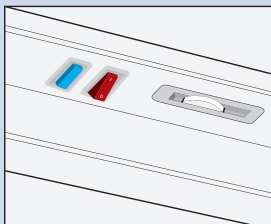
Start-up

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 your cooler. 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 your device which has been installed according to the regulations.
- You will hear a slight sound from the compressor when your product is running.
- The fan inside your product will stop when you open the door of your refrigerator.
- If the lights of your product are not on, set the 0-1 switch under the canopy to position 1 (Picture 13-14).



Picture 13



Picture 14

For LCD Display Coolers;

Your product has units with transparent LCD display placed on the door of your product. You do not need to take any action to activate these units. When you plug in your product, the unit will be activated and the display will start playing.

These units placed on your product display images on the transparent display via media cards placed in our factory. These images can only be changed by authorized technical services.

The door of your product is specially produced in our factory. Never interfere in any door, display or image malfunctions and call the authorized service immediately.

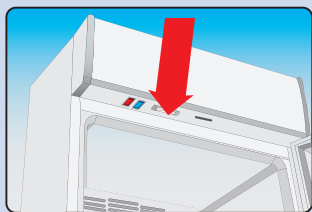
D - USING YOUR COOLER

Setting internal temperature of your product

Temperature settings of your product have been set in our factory in a manner that operates under the most suitable conditions.

Protection temperature of the food are observed from the thermometer (optional) equipped in your cooler and set via the thermostat (Picture 15). However storing the factory settings is the most appropriate one.

Internal temperature of your cooler can be adjusted by rotating the thermostat button (Picture 16). When the thermostat is at position "7", internal temperature of the refrigerator will be at the lowest level.



Picture 15



Picture 16

When the thermostat is at position "9", internal temperature of the refrigerator will be at the lowest level. When in position "0", it will be off (Picture 17).



Picture 17

D - USING YOUR COOLER

Using Thermostat For Carel Thermostat;



A



B



General Information and Instructions

A- ▲ / 🔌 : more than 3 s: toggle ON/OFF.

- ▼ / ❄️ : more than 3 s: start/stop defrost.

- **set** ^{mute} : 1 s: display/set the set point, more than access parameter setting menu.

- ▲ / ▼ : pressed together start/stop continuous cycle.

B- ▲ / ECO : pushing the keypad at least 3 seconds the ECO mode will toggle (if ECO mode is running then it will end, if ECO mode is waiting then it will start). Pushing the keypad, and before than the ECO mode will toggle, the display will show "ECO" (Economy) or "nor" (normal) in order to warn how the functioning mode is going to change.

- ▼ / 💡 : pushing at least 0,5 seconds the keypad, the light status will be toggled. Pushing the keypad, and before than the light status will toggle, the display will show "On" or "OFF" in order to warn how the light status is going to change.

- **set** ^{mute} : 1 s: display/set the set point, more than access parameter setting menu.

C- ▼ / 💡 : more than 5 s: ON/OFF light.

- 🌙 : more than 3 s: start/stop ECO mode.

- ▲ / ❌ : more than 5 s: ON/OFF alarm buzzer.

D- ▲ / **ES** : pushing the keypad at least 3 seconds the "ENERGY SAVING" mode will toggle. Pushing the keypad, before the "ENERGY SAVING" mode will toggle, the display will show "EnS" (Energy Saving) or "nor" (normal) as preview.

- ▼ / ❄️ : pushing 1 second the keypad the status will be shown:

t=> winter

-t=> summer (Pushing for 5 seconds the status will be switched)

- **set** ^{mute} : When Buzzer is ON, it can be muted by pushing the button.

D - USING YOUR COOLER

For Eliwell Thermostat;



General Information and Instructions

Keys;

1-[]: Press and release, increases the sliding options among menu options and enables transition.

2-[]: Internal menu status, reduces sliding values among menu options or enables transition. When you press for 5 seconds, the Light turns on/off.

3-[]: Press and release, return to the previous menu and approval of parameter values. When you press at least for 5 seconds, all the functions are turned off excluding the lights (Standby on).

4-[]: Press and release, displays the alarms and opens sub menus (if any). When you press for 5 seconds, opens programming menus. Approves the commands.

Set Temperature

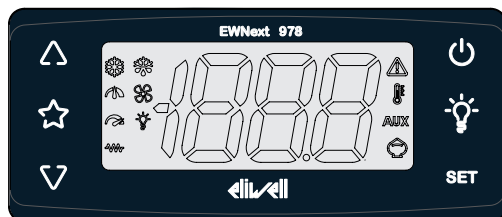
To display Setpoint value press the [] key when the [] label is displayed. The Setpoint value appears on the display. Please again press the [] To change the Setpoint value, press the [] and [] keys within 15 seconds. Press [] to confirm the modification. Press the [] key to exit setting.

D - USING YOUR COOLER

	Reduced SET / Economy LED Permanently on: Energy Saving active Flashing: Reduced set active Quick flashing: Access to level2 parameters Off: Otherwise		Fans LED Permanently on: Fans active Off: Otherwise
	Compressor LED Permanently on: Compressor active Flashing: Delay, protection or activation blocked Off: Otherwise		Alarms LED Permanently on: alarm active Flashing: Alarm acknowledged Off: otherwise
AUX	Aux LED Permanently on: Aux output active Flashing: Deep cooling Cycle active Off: Aux output not active		°F LED LED Permanently on: °F setting (dro = 1) Off: Otherwise
	°C LED Permanently on: °C setting (dro= 0) Off: Otherwise		

D - USING YOUR COOLER

For Eliwell EWNEXT978 VSC Thermostat;



Keys			
	Press and release • Scrolls through menu options • Increase the values Press for at least 5 seconds • It activates manual defrost function by default • Function can be configured by the user		Press and release • Go back (up one level) in the menu • The function is disabled by default
	Press for at least 5 seconds • It is used to switch to ECO mode		Press and release • It activates AUX function by default • Function can be configured by the user
	Press and release • Scrolls through menu options • Decrease the values Press for at least 5 seconds • The function is disabled by default • Function can be configured by the user • It is used to open the key lock	SET	Press and release • Display alarms (if present) • Access the Machine Status menu Press for at least 5 seconds • Access the Programming menu • Confirm commands

Set Temperature

To change the setpoint value, press the [] key until 'UnL' is displayed, then press the [**SET**] key. Press the [**SET**] key again. To change the setpoint value, press the [] and [] keys. Press [**SET**] to confirm the modification. Press the [] key to exit the settings menu.

D - USING YOUR COOLER

Icon	Function	Description
	Compressor	On steadily: compressor active Flashing: delay, protection or activation inhibited Off: compressor off
	Defrost	On steadily: defrost active Flashing: defrost activated manually or via DI Off: defrost inactive To start the manual defrosting, press the [] key until 'UnL' is displayed, then press the [] key for 5 seconds.
	Evaporator fans	On steadily: fans active Off: not active
	Light	On steadily: light on Off: light off
	Average VSC speed	On steadily: $V_{min} \leq \text{required speed} < 90 \% V_{max}$ Off: $0 \% \leq \text{required speed} < V_{min}$
	Maximum VSC speed	On steadily: $\text{required speed} \geq 90 \% V_{max}$ Off: $\text{required speed} < 90 \% V_{max}$
	Heating	On steadily: Heating regulator active Off: Heating regulator off
	Alarm	On steadily: alarm present Flashing: alarm silenced Off: No alarm active
	Energy saving	On steadily: energy saving active Flashing: reduced set active Off: otherwise
AUX	AUX	On steadily: AUX output active Flashing: Deep cooling active Off: AUX output off
	Temperature	On steadily: a temperature is displayed (°C or °F) Off: a value not relating to temperature or a label is displayed

D - USING YOUR COOLER

For Dixell Thermostat;



General Information and Instructions

- **SET** : To display target set point; in programming mode it selects a parameter or confirm an operation.



- : To start a manual defrost.



- : To see the max. stored temperature; in programming mode it browses the parameter codes or increases the displayed value.



- : To see the min stored temperature: in programming mode it browses the parameter codes or decreases the displayed value.



- : To switch the instrument off, if onF = OFF.



- : To switch the light, If oA1 = Lig



- + : To lock & unlock the keyboard.



- **SET** + : To enter in programming mode.



- **SET** + : To return to the room temperature display.

D - USING YOUR COOLER

For Dixell Thermostat;



General Information and Instructions

- **SET** : To display target set point, in programming mode it selects a parameter or confirm an operation.



- : To start a manual defrost.



- : In programming mode it browses the parameter codes or increases the displayed value.



- **AUX** : In programming mode it browses the parameter codes or decreases the displayed value.



- : When held for 5 sec, locks or unlocks the keypad.



- **SET** + : When held for 5 seconds, it is used to enter the programming mode.



- **SET** + : It is used to exit the programme and return to room temperature display.

D - USING YOUR COOLER

For CRA Thermostat;



General Information and Instructions

- 1) [^{SET}] - Displays the control setpoint. Exit the control setpoint and save the changes.
 - 2) [^{AUX}] - Cancel and return to standard mode. Switch furniture lighting on/off. Active/deactivate AUX output.
 - 3) [^{FNC}] - Set a lower value. Activate/Deactivate energy-saving mode.
 - 4) [] - Set a higher value. Activate manual defrosting.
- [] - Compressor is switched on
- [] - Defrosting in progress
- [] - Evaporator fan is switched on
- [] - Stored HACCP alarm
- [] - Temperature unit is the degree Celsius
- [] - Temperature unit is the degree Fahrenheit
- [] - Furniture lighting
- [] - Device is in standby mode
- [] - Energy-saving mode is active
- [] - Compressor requires maintenance

EN

Set Temperature

To set the operating temperature of your devices, press the [^{SET}] key. The Setpoint value appears on the display. Use the []/[^{FNC}] keys to set the desired value.

Press the [^{SET}] to confirm the modification.

D - USING YOUR COOLER

For DANFOSS Thermostat;



General Information and Instructions

- 1- []: Activate manual defrosting (This is an optional feature.).
- 2- []: When you press the button, all the functions are turned off (Standby on).
- 3- []: When you press the button, the eco mode is active/not active (This is an optional feature.).
- 4- []: When you press the button, the light turns on/off.

Set Temperature

Push the [] for 5 seconds, use the [ / ] buttons to set the desired value.

Defrost Function

Your product has automatic defrost function. Your show case will melt frost automatically when it is necessary to defrost while running.

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 product and ensure melting of the frost.

DO NOT FORGET!

An evaporator without frost will always run with high efficiency.

Water from the evaporator drops onto the drop tray at compressor section. Even though hot gas evaporates water here, it will be better to check and clean once a month.

D - USING YOUR COOLER

Shutting Down Your Product

- Transfer the foodstuff inside your product to a convenient place.
 - Unplug your product. Do not hold your equipment on the cable while unplugging. Unplug by holding the socket.
- 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.

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.

Loading Foodstuff To Your Cooler

Cooler when your product reach to the desired coolness 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 the products that are forbidden to be cooled down into your cooler. Do not defrost frozen products in your cooler.
- Leave the gap of at least two (2) cm between the foodstuff loaded and the upper shelf for the air circulation.
- Do not load over the loading line.

EN

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 cooler before every cleaning.

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

Never use abrasive and scratching substances (flammable and sparkling, solvent like gasoline, thinner, acid) as cleaning agents. Never use flowing and pressurized water for cleaning. Internal 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 Service.

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 two (2) hours after running your product as stated in this manual.

EN

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.

E - CLEANING, MAINTENANCE AND TRANSPORTATION OF YOUR COOLER

Maintenance

Clean the dust accumulated on the condenser, which is on the back part of your device with the help of a vacuum cleaner or a dry brush after unplugging the device. Repeat this process a few times in a year.

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 product when is plugged in or full.

In order not to cause any accident and 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 for reasons such as vacation, trip etc..

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.

EN

F - THINGS THAT MUST BE DONE BEFORE CALLING AUTHORIZED SERVICE

Troubleshooting

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 and for minimum period during which spare parts, are available.
- Please contact the seller for the minimum duration of the guarantee.

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.

F - THINGS THAT MUST BE DONE BEFORE CALLING AUTHORIZED SERVICE

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.	Consult to an Authorized Service.

Power values of the bulbs and leds used in your products 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.



GGM Gastro International GmbH
Weinerpark 16
D-48607 Ochtrup

www.ggmgaastro.com

info@ggmgaastro.com

+49 2553 7220 0