

# Climadiff®

## N°1 DES CAVES A VIN

*Cave à vin de conservation ou de mise en température*

### NOTICE D'UTILISATION



### CLS130-CLS160

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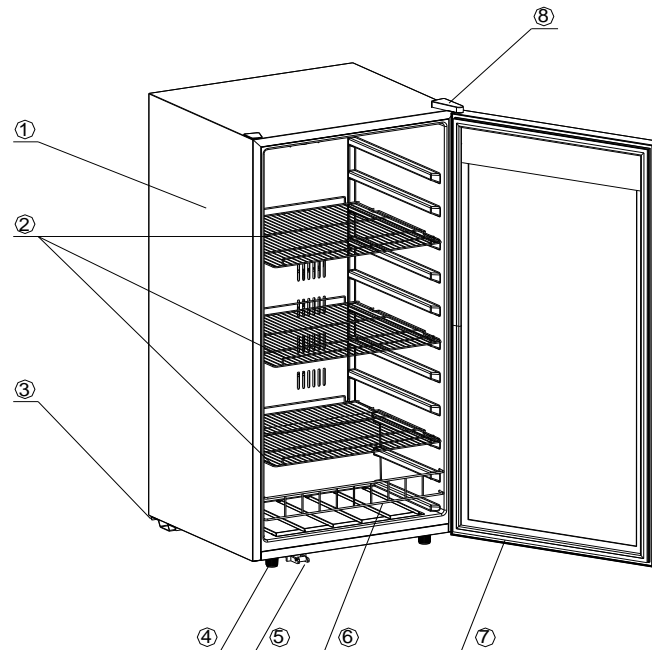
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**Before use, please read and follow the safety rules and operating instructions in this manual.**

Firstly, we would like to thank you for choosing **CLIMADIFF** and hope that this appliance will fully live up to your expectations.

This appliance enables you to store your bottles or bring them to service temperature (depending on the bottles) thanks to its wide adjustment range.

## **1. DESCRIPTION OF THE APPLIANCE**



- |   |                 |    |                    |
|---|-----------------|----|--------------------|
| 1 | BODY            | 5. | GLASS DOOR SUPPORT |
| 2 | SHELVES         | 6. | SHELVES WITH BARS  |
| 3 | COMPRESSOR BASE | 7. | MAGNETIC SEAL      |
| 4 | FEET            | 8. | HINGE              |



### **3. GENERAL SAFETY INSTRUCTIONS**

*Before you use your wine cellar for the first time, please read this user manual carefully. Store it carefully so that you can refer to it in future, if necessary.*

Generally speaking, your appliance must be maintained by a qualified professional.

This appliance is intended exclusively for domestic use and controlling the temperature of wine, or other drinks, if you so choose. Under no circumstances is it intended for the storage of food.

Make sure that your electrical installation's voltage corresponds to that on the appliance's nameplate; the appliance must be connected to an approved earthed system. Incorrect repairs or connections can cause safety hazards. Have your electrical installation checked by a professional, if you are in any doubt.

This unit must be correctly connected to an earthed socket for your protection. Do not cut off or remove the earth wire on the mains cable supplied.

For safety reasons, do not use an electrical extension cable.

If your appliance is damaged (e.g. a major impact) or suffers damage (power surge due to lightning, flood, fire), it may be dangerous to use it. Disconnect the mains plug and have the device checked by an approved professional repairer.

To prevent any danger, do not replace a damaged mains cable yourself. Contact your retailer, an approved service centre or professional repairer.

This appliance must be positioned such that the mains socket is accessible. Do not move the appliance once it is full: you might distort its body beyond repair. The electrical parts must not be directly accessible.

- Keep children away from the appliance.
- Do not use this appliance outdoors.

If liquid is accidentally spilled (*broken bottle or similar*) on electrical parts (motor or similar), unplug the appliance immediately.

To prevent any risk of fire, electrocution or injury, do not immerse the mains cable, plug or the appliance itself in water or any other liquid. Do not handle the appliance with wet hands.

Keep the appliance away from any source of heat and out of direct sunlight.

Do not allow the mains cable to hang from a table or be in contact with sharp edges or hot surfaces.

Do not pull on the mains cable - take hold of the plug to disconnect the appliance.

Ensure that the area where your appliance is positioned can support its weight when loaded (a 75 cl bottle weighs approximately 1.3 kg).

Your cellar must be placed on a flat surface. If you have to position it on a rug or carpet, position a support underneath.

The appliance is not intended for use by people (particularly children) with diminished physical, sensory or mental capacities, or by people lacking experience or knowledge of such appliances, unless they are supervised by or have received instruction regarding the use of the appliance from a person who is responsible for their safety.

Do not allow children to play with the appliance. Abandoned appliances are always dangerous.

Disconnect the device before performing any servicing or cleaning operation (disconnect the mains plug or trip the corresponding circuit breaker, depending on the model).

Never clean the appliance with inflammable products.

Do not store or spray any gas or inflammable liquid close to the appliance.

Before disposing of your wine cellar at a special recycling centre, remove the door but leave the shelves in place in such a way as to make it difficult for children to climb inside.

Climadiff disclaims any liability for damage resulting from failure to comply with connection or use instructions.

**The appliance meets the requirements of the following European Directives:**

**2006/95/EC on electrical safety**  
**2004/108/EC on electromagnetic compatibility**



## 4. INSTALLATION INSTRUCTIONS

### Before using your wine cellar

- Remove inner and outer packaging.
- Before connecting the cellar to the electrical socket, leave it in position for 24 hours. This will reduce the possibility of malfunction of the refrigeration circuit due to transport.
- Clean the inside using a soft cloth and lukewarm water.

### Using your wine cellar:

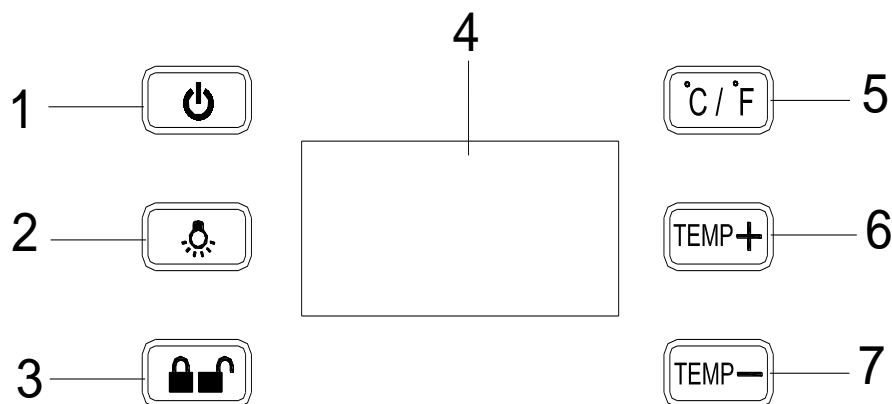
**Your wine cellar must be positioned in a room with an ambient temperature between 0 and +32°C.**

If the ambient temperature is higher or lower, the performance of your appliance may be affected and it may not be possible to obtain temperatures between 5 and 18 degrees.

### Installing your wine cellar

- This wine cellar is designed for free-standing installation.
- Position it in a place with sufficient strength to support its weight when loaded. To ensure that it is level, adjust the height of the feet underneath.
- To get the best from your appliance with the lowest energy consumption, do not place the appliance close to a heat source (heater, cooker, etc.), do not expose it to direct sunlight, and do not place it in a room which is too cold.
- Connect the cellar to a single socket, leaving a 10 mm gap between the back of the cellar and the wall. Be careful to support it, so that your wine cellar is perfectly level. (The use of a spirit level is recommended). This will prevent any movement due to instability, generating noise and vibration, and will ensure that the door seals perfectly.

### Control panel



- 6- On/Off switch
- 7- Lighting control button
- 8- Control panel lock/unlock button
- 9- LCD display
- 10- Celsius/Fahrenheit selection button
- 6 and 7 – Temperature control buttons.

### **Temperature selection**

- You can choose the desired temperature in the compartment by pressing buttons 6 and 7. The temperature selected will increase/decrease by 1°C with each press of the buttons.

The temperature can be selected within a range of 5 to 18°C.

- In the event of a power cut, all previously selected temperatures settings will be deleted and re-initialised to the factory-programmed temperature of 12°C.

## 5. EQUIPMENT

### The climate control system

According to advice from specialists, the ideal temperature for storing wine is around 12°C, within a bracket of 10 to 14°C. Do not confuse this with service temperature, which varies between 5 and 18°C, depending on the specific nature of the wine.

It is especially important to avoid sudden changes in temperature. Designed by specialists for oenophiles, this appliance, unlike a simple refrigerator, takes into account the sensitivity of grand cru wines to sudden variations in temperature by ensuring the close control of a **constant average temperature**.

### The anti-vibration system:

The refrigeration compressor is equipped with special dampers (silent-blocks) and the inner space is insulated from the body by a thick layer of polyurethane foam. These characteristics prevent the transmission of vibration to your wines.

### The anti-UV system (CLS160 only):

Light accelerates the aging of wine. In our solid door cellars, your wines are naturally protected, on condition, of course, that the door is not opened too often. This glass-door model has been specially treated and filters out harmful ultraviolet rays.

### Defrosting:

Your appliance is equipped with an automatic defrost cycle. When a cooling cycle finishes, the appliance's refrigerated surfaces are defrosted automatically. The defrost water is channelled into a condensates evaporation tray which is located in the back of the appliance near the compressor. The heat produced by the compressor then evaporates the condensates collected in the tray.

### Locking the control panel:

Your cellar is equipped with a safety lock for the control panel buttons.

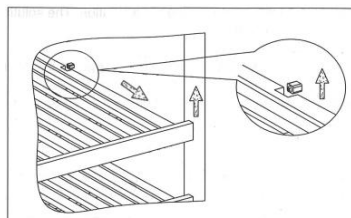
If no adjustment is made for 2 minutes, the panel locks automatically and the buttons to the right of the display are deactivated. The buttons on the left of the display remain active. To unlock your cellar, simply press the "padlock" button.

### Lock (CLS160 only):

Only the CLS160 has a lock.

### Shelves

- To prevent damage to the door seal, ensure that the door is fully open before pulling out the shelves to add or remove bottles.
- For easier access to the contents of the shelves, slide the shelf out approximately one third of the way. The shelves are, however, fitted with a stop to prevent the bottles falling out.
- To remove a shelf: pull it out until the cut-outs on the rack (right and left) are positioned under the side stops (square black plastic part). Lift up and pull outwards.





### **Enhanced safety:**

Since this range of appliances is intended for storing items of value, we have been careful to select quality components and to design suitable manufacturing techniques to ensure optimum safety in operation.

## **6. LOADING**

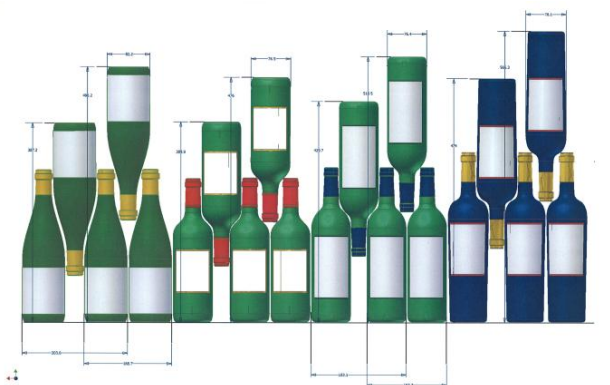
The maximum recommended loading quantities for bottles are given as guidelines and are indicative only; they provide a quick estimate of the size of the appliance (similar to the capacity of a refrigerator expressed in litres).

They correspond to tests conducted with a standard bottle: the standard “75 cl light Bordeaux” bottle - standards apply the geographical origin of each bottle shape (Bordeaux, Burgundy, Provence, etc.) and a type (traditional, heavy, light, flute, etc.), each with its own diameter and height.

In reality and in extreme cases, you could store more bottles by stacking the same type of bottle without using shelves, but a varied cellar comprises a wide variety of bottles and the practical aspect of everyday cellar management limits its capacity. You will therefore probably load the appliance a little less than the recommended maximum.

### **How to fill and maintain your wine cellar:**

#### **Types of bottle:**



We see here 4 kinds of 75 cl wine bottles: Burgundy and Bordeaux wine bottles of different dimensions.

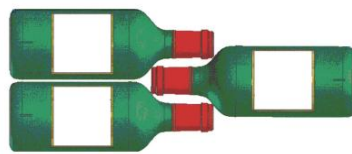
There are many others of all shapes and sizes.

You will note the storage differences depending on bottle heights, diameters and alternating position method.

*For example, if a wine cellar is loaded only with Burgundy wine bottles, there will be approximately 30% fewer bottles than the initial quantity calculated for Bordeaux bottles.*

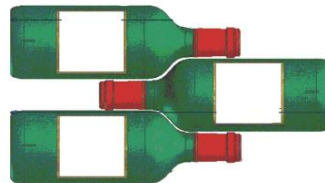
### **Methods of alternating:**

Top-to-bottom neck-to-neck: For the CLS160



Note the difference in depth...

Top-to-bottom neck between bottle bodies: For the CLS130



### **Examples of serving temperatures:** (to be observed when tasting, in order to avoid missing out on the rich aromas of your wines!)

Opinions vary, and the ambient temperature too, but many people agree on the following:

Prestigious Bordeaux wines – Reds	16 – 17°C
Prestigious Burgundy wines – Reds	15 – 16°C
Prestigious dry white vintages	14 – 16°C
Light, young, fruity reds	11 – 12°C
Provence rosés, primeur wines	10 – 12°C
Dry whites and vin de pays reds	10 – 12°C
Vin de pays whites	8 – 10°C
Champagnes	7 – 8°C
Sweet wines	6°C

## 7. MAINTENANCE

Before cleaning your appliance (something to be done regularly), disconnect it by removing the plug or by pulling the fuse on the circuit.

Before using your appliance for the first time and regularly after that, we recommend that you clean the inside and outside (front, sides and top) with warm water mixed with a gentle cleaning product. Rinse with clean water and allow to dry before reconnecting. Do not use solvents or abrasives.

Wash the plastic coating on the steel shelves with a mild detergent solution and then dry with a soft cloth. Wooden shelves require no particular maintenance.

When the appliance is switched on for the first time, there may be a residual odour. In that case, run the appliance empty for a few hours at the coldest possible temperature. The cold will kill any odours.

## 8. STORING YOUR WINE CELLAR

**If you will not be using your appliance for short periods, leave the control panel with its usual settings.**

During an extended shutdown:

- Remove all bottles from the appliance
- Unplug the appliance
- Thoroughly clean the inside and outside of the appliance
- Leave the door open to prevent condensation, unpleasant odours and mould.

## 9. WHAT TO DO IN THE EVENT OF A POWER CUT

Most power cuts are resolved within a short time. A power cut of 1 or 2 hours will not affect the temperature in your cellar. To protect your wines during a power cut, avoid opening the door as much as possible. During very long power cuts, take the necessary measures to protect your wine.

- If the appliance is disconnected or if there is a power cut, you must wait three to five minutes before re-starting. If you try to re-start before this time, the compressor will only re-start after 3 to 5 minutes (if the temperature requires).
- When switching on for the first time or following a prolonged shutdown, it is possible that when re-starting, the temperatures selected and those displayed are not the same. This is normal. It will take a few hours before they stabilise.

## 10. IF YOU NEED TO MOVE YOUR WINE CELLAR

First, disconnect your cellar.

Remove all bottles and secure any loose parts.

To avoid damaging the levelling screws on the feet, screw them tightly into the base.

Move the appliance in an upright position (preferably) or **note the direction in which the appliance may be laid down by looking at its packaging.**

## 11. IN THE EVENT OF A BREAKDOWN

Despite the care we take during production, a breakdown can never be totally ruled out. Before contacting your retailer's after-sales department, please check that:

- the appliance is properly plugged in;
- there is not a power cut in progress;
- the breakdown is not one of those described in the table at the end of this manual.

### IMPORTANT:

If the mains cable supplied is damaged, it must be replaced by the manufacturer, a centre approved by the brand or by the retailer. In all cases, it must be replaced by qualified personnel, so as to avoid any risk of injury.

**IF THESE CHECKS REVEAL NOTHING, THEN CONTACT YOUR RETAILER'S AFTER-SALES DEPARTMENT.**

### CAUTION!

**Unplug the appliance before carrying out any maintenance or repair work.**

## 12. PROBLEMS AND SOLUTIONS

You can solve many simple problems with your wine cellar yourself, thus avoiding having to contact your after-sales department. Try the following suggestions.

PROBLEM	POSSIBLE CAUSES
The cellar will not start.	It is not plugged in. The on/off button is in the off position. The fuse in your electrical installation has blown.
The cellar does not cool sufficiently.	Check the temperature selected. The external temperature is beyond the cellar's operating temperature. The cellar is opened too often. The door is not properly closed. The door seal is not sealing correctly.
The compressor starts and stops frequently.	The external temperature is high. A large quantity of bottles has been put into the cellar. The cellar is opened frequently. The door is not properly closed. The cellar has not been correctly set. The door seal is not sealing correctly.
The light does not operate.	The cellar is not plugged in. The fuse in your electrical installation has blown. The LED is not working. The light switch is off.
Vibration.	Check and ensure that the cellar is level.
The cellar makes a lot of noise.	A noise resembling circulating water is produced by the coolant gas and this is normal. At the end of a cooling cycle, you can hear the noise of water circulating. Expansion and contraction of the internal walls may cause a cracking sound. The cellar is not level.
The door does not close correctly.	The cellar is not level. The door seal is dirty or damaged. The shelves are not positioned correctly. A part of the contents is preventing the door from closing.

### 13. ENVIRONMENT



This product complies with EU WEEE Directive 2002/96/EC.

The crossed-out waste bin symbol on this appliance means that, at the end of its life, the appliance should be recycled separately from other domestic waste.

It should therefore be disposed of at a selective collection centre for electrical and/or electronic appliances or, if you are buying an equivalent product, by the retailer of the new product.

The user is responsible for taking the appliance to the appropriate collection centre at the end of its useful life. Selective and appropriate collection for the recycling of no-longer-used appliances and their disposal and destruction in an environmentally friendly manner helps to prevent potential negative effects on the environment and health, and encourages the recycling of materials used to make the product.

For more detailed information about available collection systems, contact your local waste collection organisation or the retail outlet where you bought the product.

### 14. WARNING

Since we make continuous improvements to our products, we reserve the right to modify technical characteristics without notice.

Warranties for CLIMADIFF brand products are offered exclusively by selected retailers. No part of these instructions may be considered as a supplementary warranty.

CLIMADIFF cannot be held liable for errors or technical or editorial omissions in this document.

Non-binding document.

#### CLIMADIFF S.A.

Les Docks – Atrium 10.5

BP 56224 – 13567 MARSEILLE cedex 2

Tel. + 33 (0)4.91.91.73.14 – Fax + 33 (0)4.91.91.35.36

[www.climadiff.com](http://www.climadiff.com) – [info@climadiff.com](mailto:info@climadiff.com)

## APPENDIX 1

Model	Brand: Climadiff Reference: <b>CLS130</b> Domestic refrigeration appliance category: 2
Supply	220-240 V, 50 Hz
Dimensions (L x D x H cm)	59.5 x 59 x 121.5
Weight (kg)	51 kg
Energy efficiency class	C
Annual energy consumption (AEC)	Energy consumption 259 kWh per year calculated on the basis of results obtained over 24 hours in standardised test conditions. Actual energy consumption depends on conditions of use and the location of the appliance.
Usable volume of the compartments (litres)	230 L
Defrosting	Automatic
Climate class	Climate class: N, SN This appliance is designed to be used at an ambient temperature of between 10°C (lowest) and 32°C (highest).
Acoustic emissions in air in dB(A) re 1pW	40 dB
Installation type	Free standing

**This appliance is intended exclusively for the storage of wine.**

## APPENDIX 2

Model	Brand: Climadiff Reference: <b>CLS160</b> Domestic refrigeration appliance category: 2
Supply	220-240 V, 50 Hz
Dimensions (L x D x H cm)	59.5 x 69 x 131.5
Weight (kg)	61.6 Kg
Energy efficiency class	D
Annual energy consumption (AEC)	Energy consumption 292 kWh per year calculated on the basis of results obtained over 24 hours in standardised test conditions. Actual energy consumption depends on conditions of use and the location of the appliance.
Usable volume of the compartments (litres)	300 L
Defrosting	Automatic
Climate class	Climate class: N, SN This appliance is designed to be used at an ambient temperature of between 10°C (lowest) and 32°C (highest).
Acoustic emissions in air in dB(A) re 1pW	42 dB
Installation type	Free standing

**This appliance is intended exclusively for the storage of wine.**