



NVS S.A.S. - VinoSafe

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Reference:

460vpsav1ev8

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01/07/08

INSTALLATION & RECOMMENDATION GUIDE VSP WINE CELLAR

PLEASE READ THESE INSTRUCTIONS BEFORE ASSEMBLING AND COMMISSIONING YOUR WINE CELLAR. THEY INCLUDE NECESSARY INFORMATION FOR YOUR SAFETY, THE APPROPRIATE USE AND MAINTENANCE OF YOUR CABINET.

WAIT FOR 48 HOURS BEFORE TURNING THE CABINET ON

A. THANKS...

The VinoSafe team thanks you for choosing a VSP wine cellar. We design and manufacture them in the French region of Alsace in the same spirit as a wine grower who constantly tries to improve her/his wines quality. We hope you will be fully satisfied. It is therefore mandatory for you to take some time to read this guide simultaneously with the discovery of your cabinet look and features. Your wines deserve this as you invest time and money into them.

We thank you in advance to share with us all relevant remarks that will help us to improve our products and services.

B. ROLE OF YOUR VINOSAFE RESELLER

You will find hereunder the name and address of the company with whom you concluded this purchase. Your local contact is the one who knows you best and who will be able to answer your first questions.

With 15 years experience in the wine cellar business, we have found out that 2 problems out of 3 can be solved without any intervention of VinoSafe to replace some parts. This is why you will find in this guide a lot of explanations and a list of questions and recommendations if you encounter a problem. If you do not solve the issue, please call your reseller and call VinoSafe in case you are not getting the appropriate replies.

Don't forget that a satisfied customer will always be a potential for positive recommendations to neighbours and friends. It is VinoSafe's interest to make sure you are not left without the appropriate support!

Your local reseller

C. DELIVERY, UNPACKING, STORAGE, REMOVAL CONDITIONS

You have acquired a refrigeration system that contains a gas in a closed circuit, and oil in the compressor. Your product cannot be transported and stored in any position.

The air-conditioning system must never be put to bed. It has to be delivered inclined, then after out packing, it always must remain standing (respect the same records at the time of a move)

Please check that the packaging is not damaged before you unpack. Damages to the outside packaging could be significant of transport damages that could end up creating dysfunctions or outside defaults. Do not hesitate to make comments on the delivery documents that you receive from the freight forwarder.


If you do not start using your VSE-CL immediately, leave it in its original packaging to protect it.

D. SAFETY RECOMMENDATIONS

- ◆ Use this appliance only for the purpose for which it is intended:
 - Storing your wine at a temperature between 8° and 15°C.Any other purpose may be dangerous and is forbidden. The manufacturer may not responsible if the appliance is not used properly.
- ◆ An appliance that has been damaged (impact, flooding, fire, surges caused by lightning, etc...) may be dangerous for your safety. If the appliance has suffered damage, unplug the appliance immediately or disconnect the power supply and contact the manufacturer (see rating plate on the appliance).
- ◆ This appliance complies with current safety regulations. Maintenance work (such as electric connections) must only be carried out by qualified engineers. Faulty connections or repairs that have not been carried out correctly present a considerable danger for the user.
- ◆ Make sure that the voltage on your mains supply corresponds to the rating shown on the rating plate.
- ◆ This appliance may not be electrically safe if it is not connected to an effective earth lead. It is essential that this basic safety measure is taken and, if there is any doubt, the domestic wiring installation should be checked by a qualified electrician. The manufacturer shall not be held responsible for the consequences if the appliance is not earthed or if the earth is faulty or incorrectly connected.
- ◆ For safety reasons do not use an extension lead.
- ◆ Disconnect the appliance from the power supply while undertaking maintenance work or cleaning (unplug the appliance or open the circuit breaker).
- ◆ Do not allow young children to play with this appliance or to use it.
- ◆ Do not lean on the air-conditioning unit.
- ◆ If liquid accidentally runs into the air conditioning unit, (broken wine bottles, etc...), unplug the appliance immediately or disconnect the mains supply and contact the manufacturer (see rating plate on the appliance).
- ◆ Make sure that appliances are rendered unusable when they are no longer in use. Unplug the appliance and cut the cable. Then take the appliance to an approved refuse tip.
- ◆ Keep the manuals with your appliance for future reference.

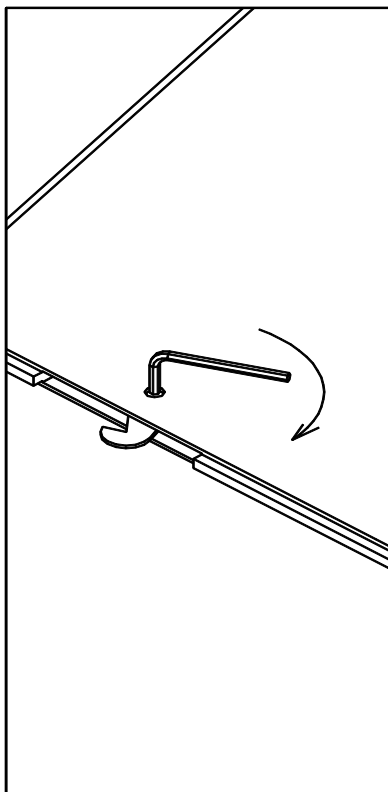
E. CABINET IDENTIFICATION

The identification nameplate is located at the top/left of the rear of the cabinet.

VINOSAFE			
2, rue des Artisans F-68280 SUNDHOFFEN www.vinosafe.com			
Type :		N° de serie :	
VSP :		Volts :	Hz :
VSM :		Watts :	
VSE PC :		R134a :	gr
VSE CL :		Année :	
VSI :			

WARNING: WHEN YOU NEED INFORMATION OR TECHNICAL ASSISTANCE, PLEASE ALWAYS SUPPLY THE MODEL, TYPE AND SERIAL NUMBER LOCATED ON THIS VINOSAFE NAMEPLATE.

F. ASSEMBLY



F.1. ASSEMBLING THE WINE CELLAR

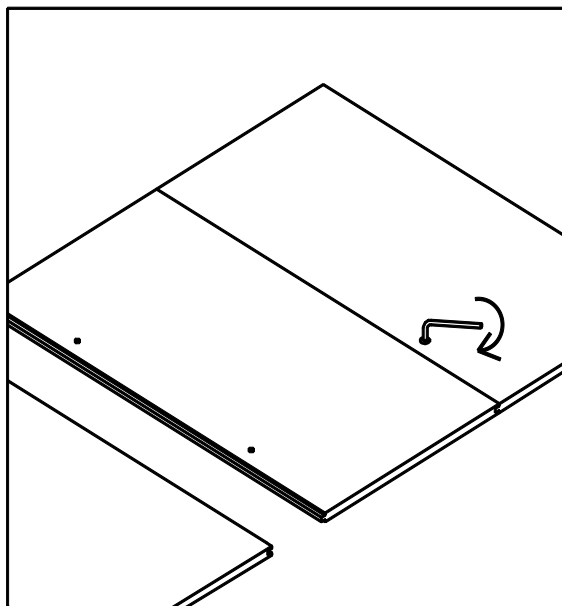
Use a metallic driller.

1. Principle

The insulating panels are assembled using hooks mounted on a rod. These catches are operated using a right angled hex wrench. In most cases, the hooks are engaged by turning the wrench fully clockwise.

If the panels are incorrectly assembled or if you wish to dismount the wine cellar, turn the wrench fully anti-clockwise before clamping them again by turning clockwise.

Warning: The hooks which clamp the V.PM / V.PF / V.PR top panels have to be turned in the opposite direction (anti-clockwise).



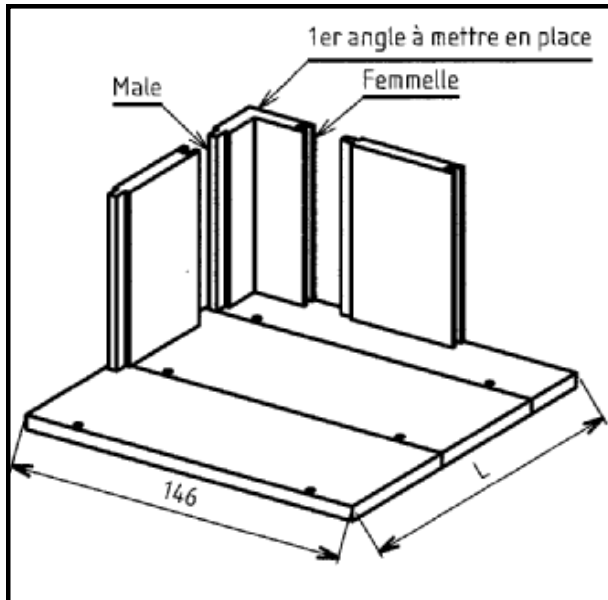
Warning :

Always start with rear left angle

Place the V.SM / V.SR / V.SF panels on the floor (flat surface).

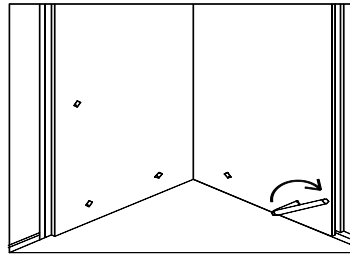
NB: VSP 146 wine cellars do not have any V.PR panels.

Position the panels so that the tongue on each panel slots into the groove on the adjacent panel.
Tighten the hooks fully (clockwise).

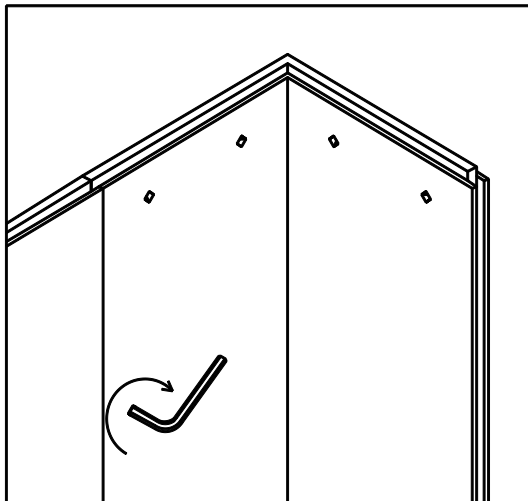


Warning :

**Always start with rear left angle
(see draft)**

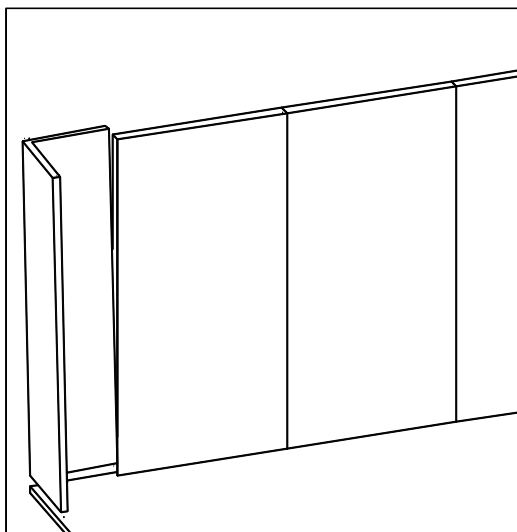


Put the first corner panel (type V.A) in position.
 Make sure that it is the right way up (the top is marked HAUT).
 Tighten the two bottom hooks (clockwise).

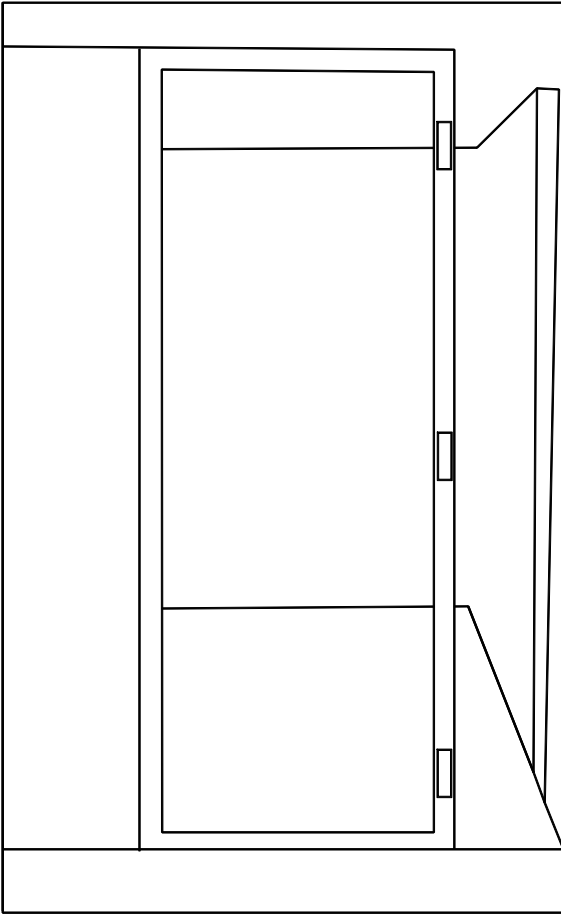


Fit the first side panel (type V.F).
 Before tightening the V.F side panel to the V.A, corner panel, make sure that the tops of the panels are well aligned.

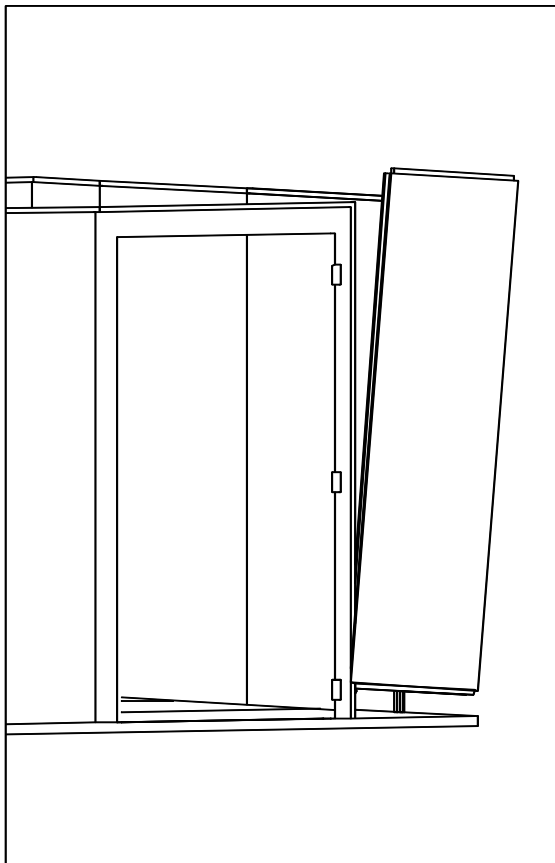
Tighten in the following order:
 - the two side hooks,
 - the two bottom hooks.



Continue assembling the other V.F side panels as well as the V.A corner panels.
 Always check that the tops of the panels are well aligned.

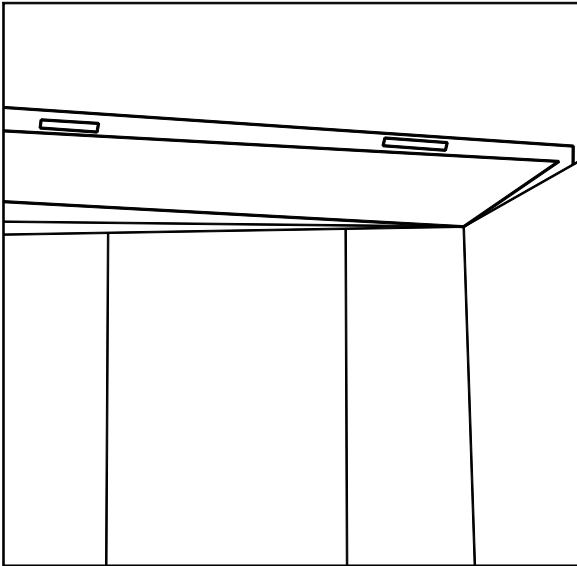


Warning: Allow a space for fitting the V.P.C. door frame.
The doorframe can be fitted in place of any V.F side panel.



Always end with a V.A. corner panel.

To make it easier to fit the last V.A panel, lift it up, engage the
tongues into the grooves and slide it downwards.

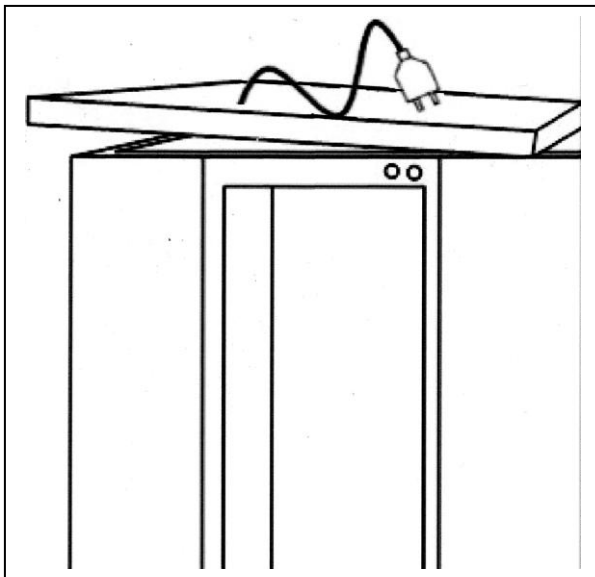


Fit the first **V.PM** top panel
Fit the **V.PR** panel.

NB: *VSP 146 wine cellars do not have any V.PR panels*
NB: When clamping these panels to the **V.PM** panel, tighten the hooks anti-clockwise.

Warning:

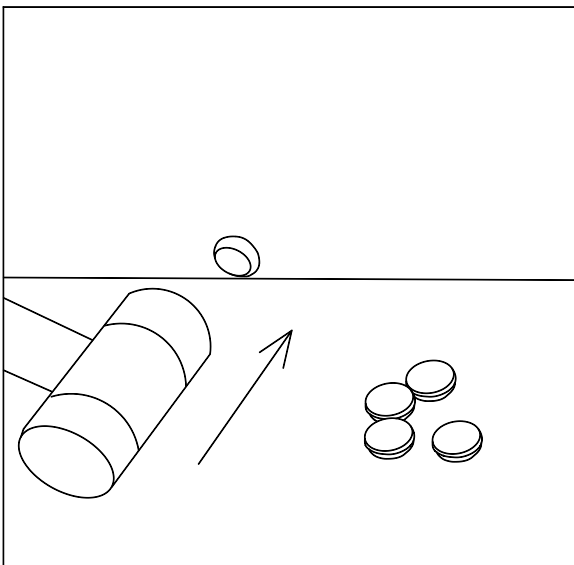
Use the panel pre-equipped with the electric cord near the air conditioning door



Fit the V.PF panel last

Warning:

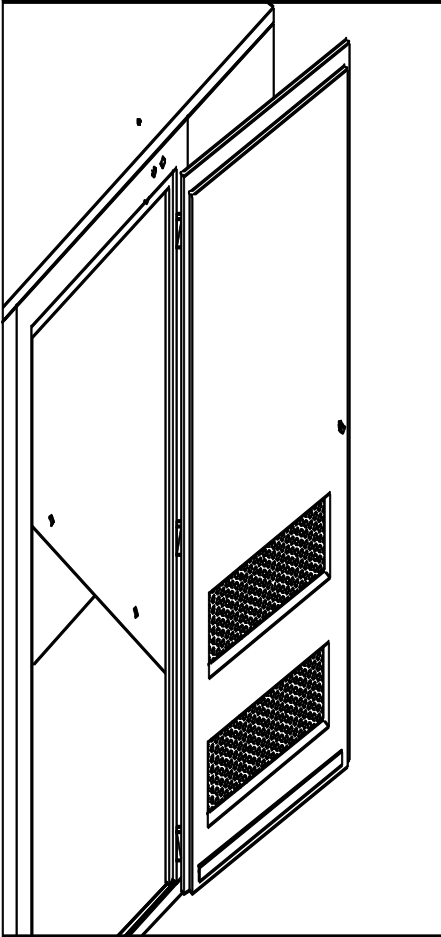
Use the panel pre-equipped with the electric cord near the air conditioning door



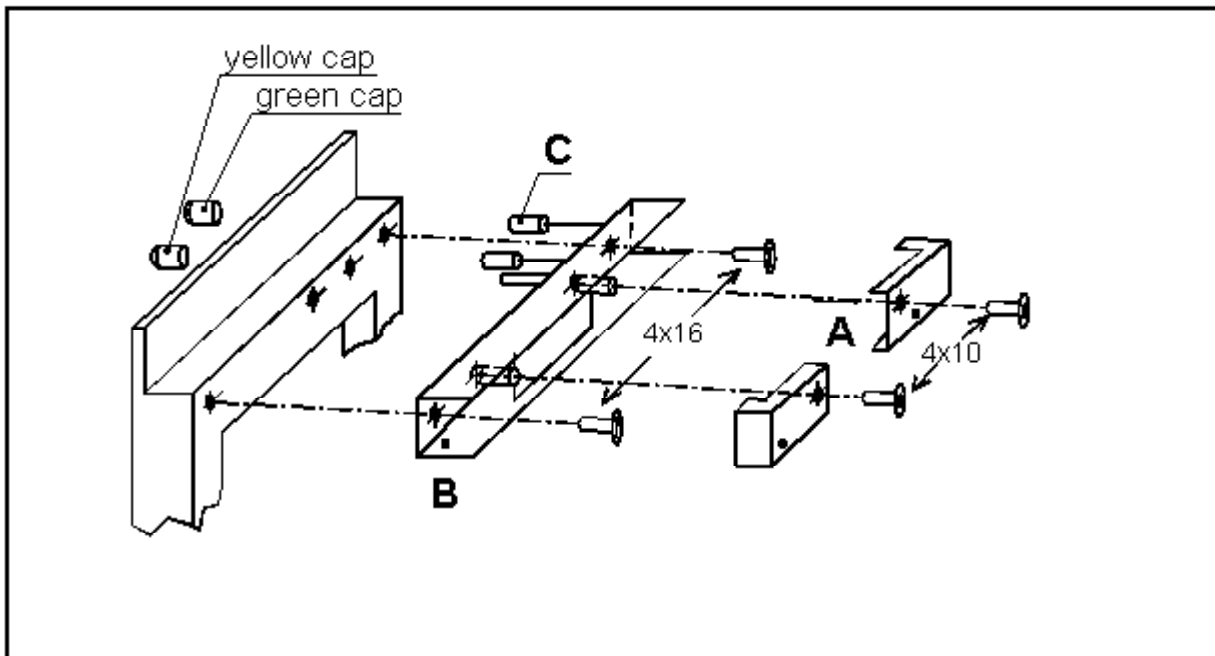
Using a mallet, fit the white caps into the holes for the hooks mechanism.

Black caps are provided for the bottom and side of the doorframe.

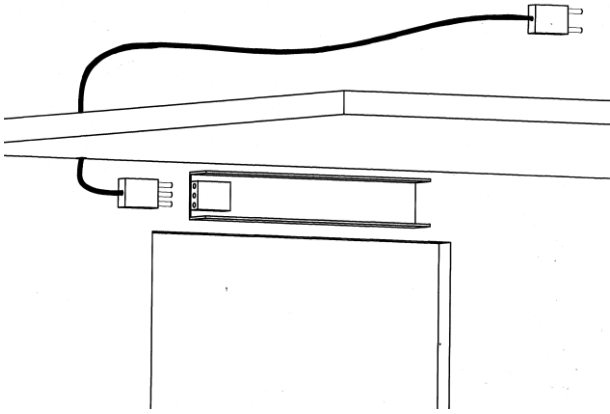
F.2. WIRING



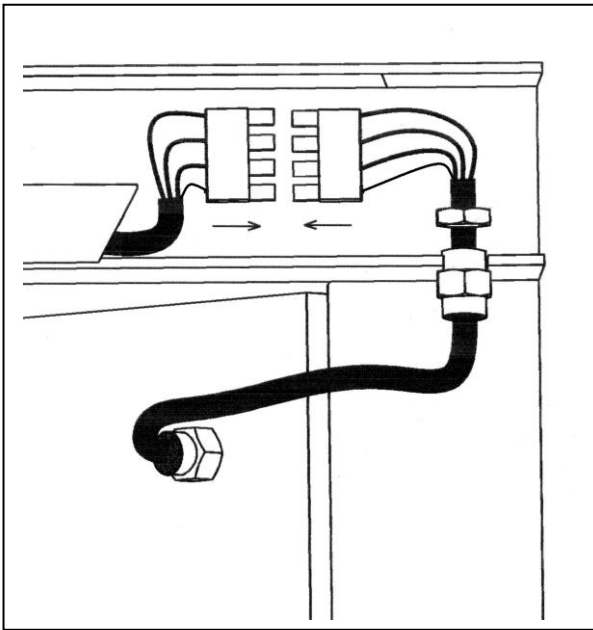
Fit the door.



- Remove both side covers (A) from the strip light, V.R. (B)
Position the strip light at the top of the doorframe (on the inside):
- Ensure that the light bulbs lamp (C) pass through the holes,
 - Put the white light switch pusher through the hole.
 - Fit the V.R. strip light using two 4 x 16 screws.

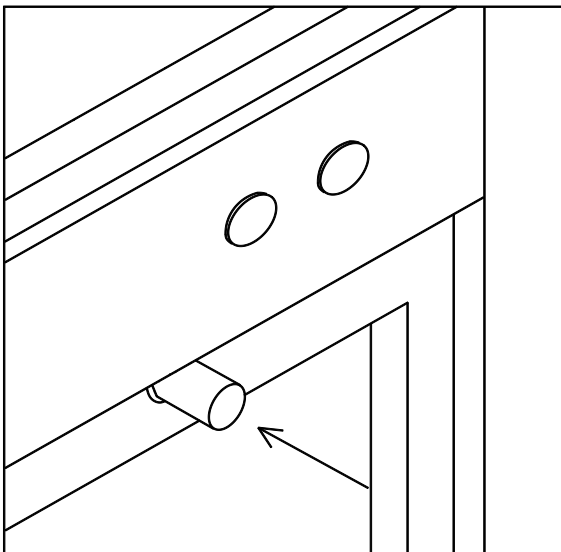


Link the male 3-point connector of the electric cord to female connector positioned on the ruler



Take the black flexible conduit from the door to the strip light and anchor the cut-out using the nut.

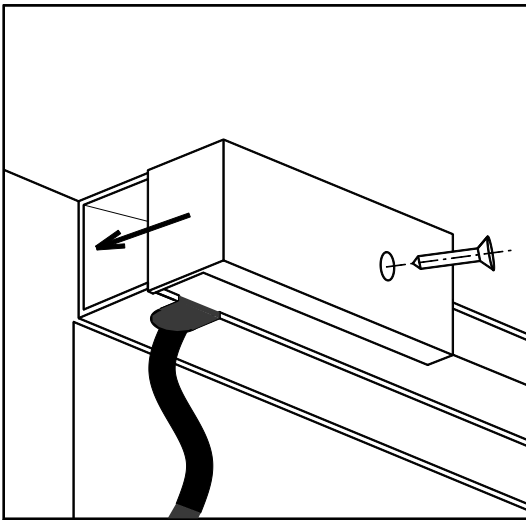
Attach the white connector from the door to the connector inside the strip light.



Check that the light switch pusher operates correctly
You should hear a click when you press the switch

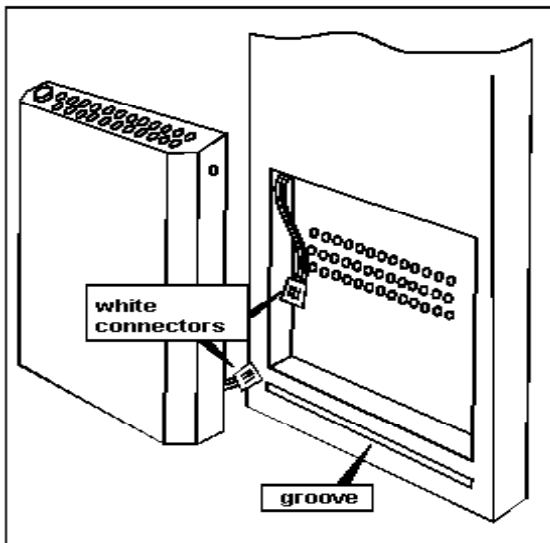
If there is a problem:

- Check that the movement of the switch pusher is not hampered by a wire,
- Bend the steel lever of the switch to adjust the movement of the pusher button.
- The pusher button should operate when the door closes.



Replace the covers on either side of the V.R. strip light.

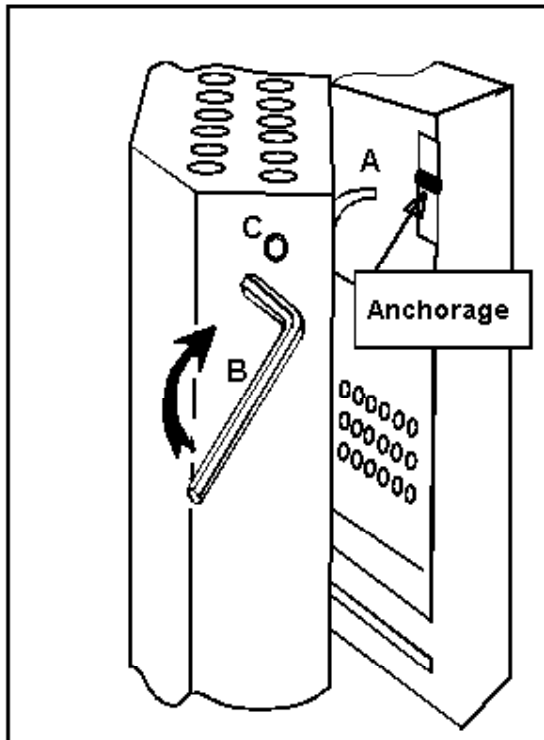
Attach the covers using the two 4 x 10 screws



Place the V.C. air conditioning unit in front of the door.

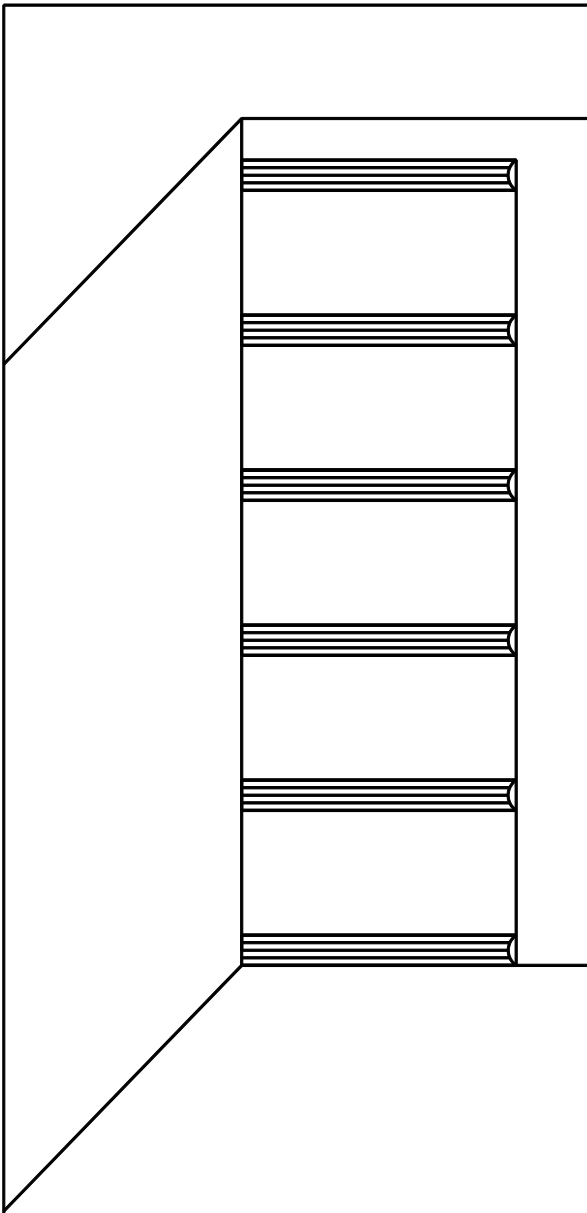
Warning! Do not lift the air conditioning unit by the espace.

Connect the white connectors.

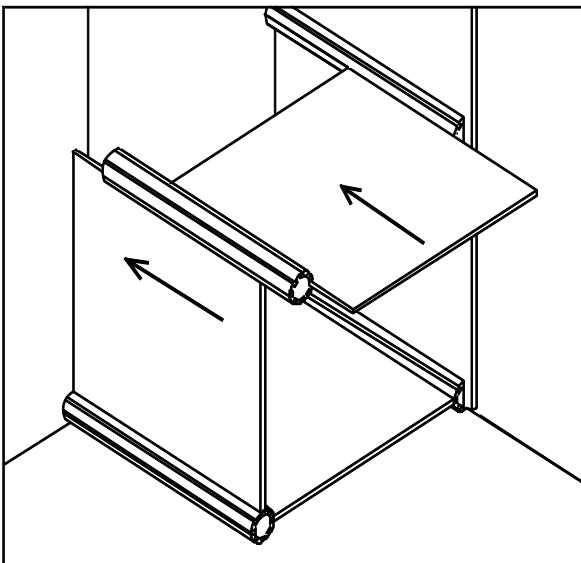


- Put the air conditioning unit on the bottom edge of the door.
- Engage the hooks (A) one after the other using the hex wrench (B) through the holes in the door but do not tighten.
- Check that the air conditioning unit clears the doorframe. If it slides to the door frame, adjust the position of the air conditioning unit.
- Tighten the hooks (C).

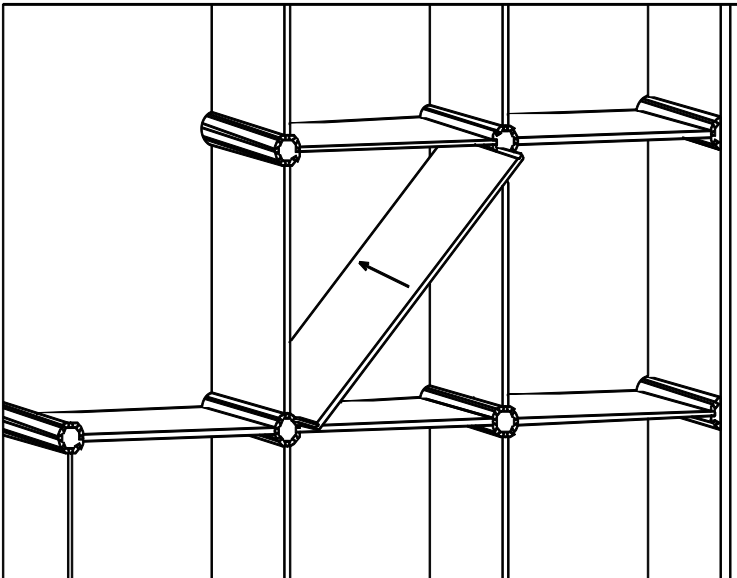
F.3. FITTING THE RACKS



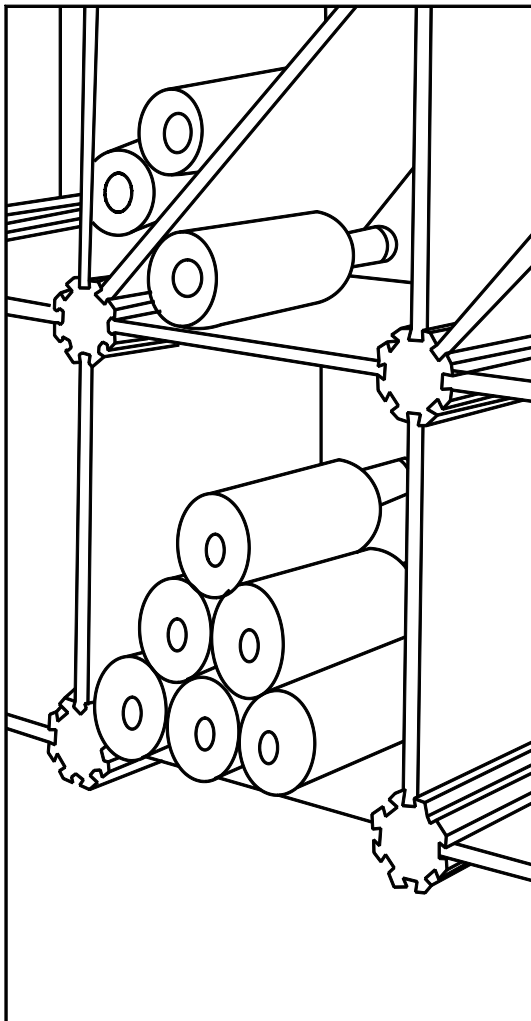
Fit of the V.EPB end panels and hold it upright.



Build up the rack by sliding the small V.EP panels into the grooves in the V.EPB end panel and the V.ER connectors.



The large V.ED dividers are designed to be fitted diagonally to form two six bottle compartments



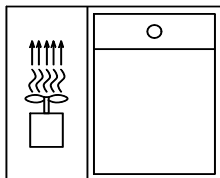
A typical rack

All that remains to be done is to spread the gravel on the floor, between the shelves.

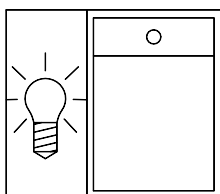
I. USER MANUAL

G.1. COMMISSIONING

- The two switches on the lighting strip to 0.



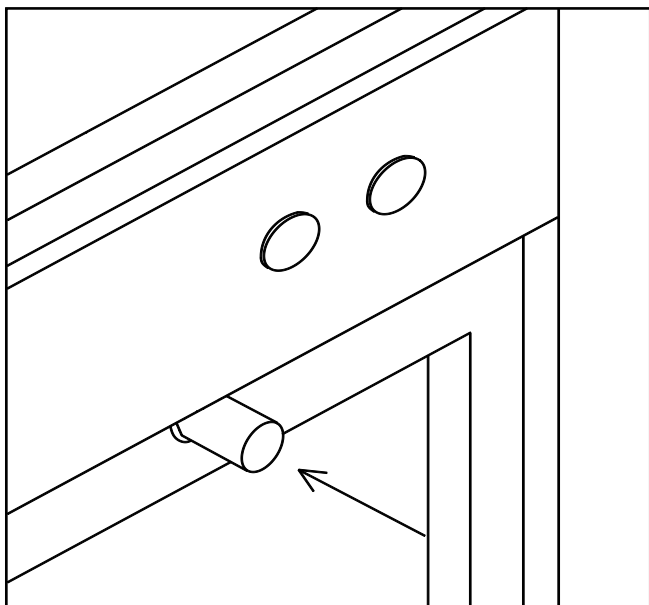
The switch nearer the end of the switch controls the air conditioning unit.



The other switch controls the lighting

- Connect the power supply cable (single phase 220 V + earth) to a plug.

G.2. LIGHTING



Position 0: The lighting operates automatically

- Check that the lighting operates.
- The light should turn off automatically when the door is closed.
- The yellow indicator on the outside shows whether the light is on inside the wine cellar.

Position 1 : Lighting override

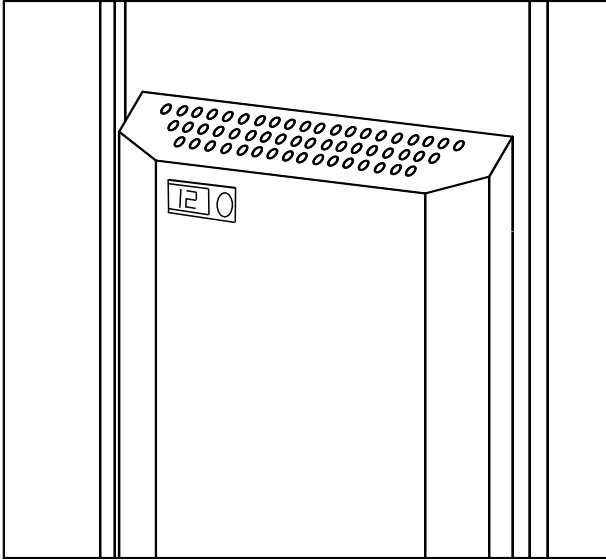
- The lighting can also be turned on manually if you wish to stay in the wine cellar with the door closed, for example to stack bottles. In this case, set the light switch to 1.

REMEMBER to set the switch back to 0 for normal use: light can prevent wine ageing correctly.

IN CASE OF PROBLEMS: (see opposite)

- check that the light switch is set to 0.
- check that the white switch pusher operated by the door is working.

G.3. AIR-CONDITIONING UNIT



- Turn on the air conditioning (switch at end of strip).
- The green light should come on.
- The internal fan operates continuously.
- The external fan operates only when the unit is cooling.
- The unit thermostat is preset to maintain a constant temperature of about 12 to 13°C inside the wine cellar.
- This temperature can be adjusted between 8°C and 15°C by turning the control knob.
- If the temperature outside the cellar drops too low, (in winter, for example) and there is a risk that the temperature inside the cellar will fall, a heater within the air conditioning unit will automatically take over from the refrigeration system in order to maintain the ideal temperature

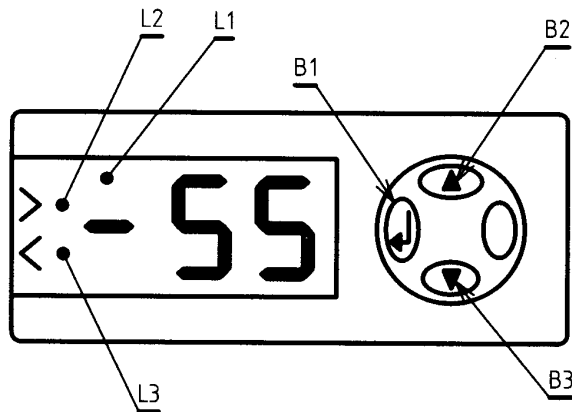
SETTING AND ADJUSTING THE TEMPERATURES

The set values in the thermostats are not temperatures in grades, but indexes. A 1 unit index value is close to 1° Celsius. It is necessary to wait 48 hours to check the impact of a temperature adjustment on the thermostat.

Electronic regulator (Picture D1) :

- B1 : Displays the requested value
Validates the set value
- B2 : Increases the requested value
- B3 : Decreases the requested value
- L1 : Flashes during a programming phase
- L2 : The heating resistance is active
- L3 : The compressor is active

Pict.D1



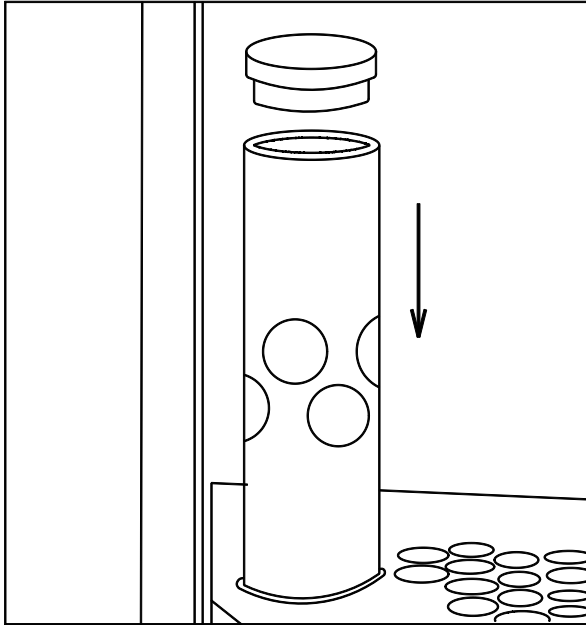
Display and programming of the desired index value:

- Press **B1** until you read the message **Set**.
- Press **B1** a second time to display the wished index value.
- Change this value using **B2** & **B3**.
- Save this value by Pressing once more on **B1**.
- To confirm the value is saved, the message **Set** will be displayed.

After some time the display gets back to normal mode (display of the actual internal temperature).

RELATIVE HUMIDITY

If the humidity is too low the corks will dry out (leakage), if the humidity is too high the corks and labels may go mouldy but the wine will not be affected. The air conditioning unit has been specially designed to maintain a optimum humidity.



FILTRING NEW AIR FROM OUTSIDE

A small amount of new air from the outside is continuously drawn into the cellar to oxygenate the inside. This air passes over an active carbon filter. This filter must be changed regularly if the cellar is located in place with unpleasant odours.

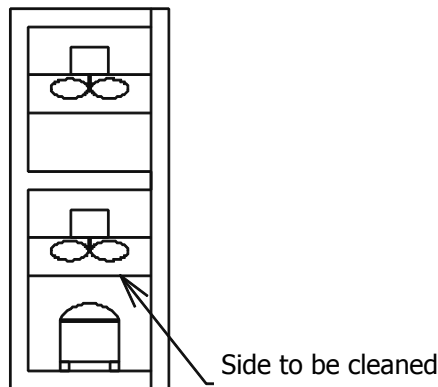
H. GENERAL PRECAUTIONS

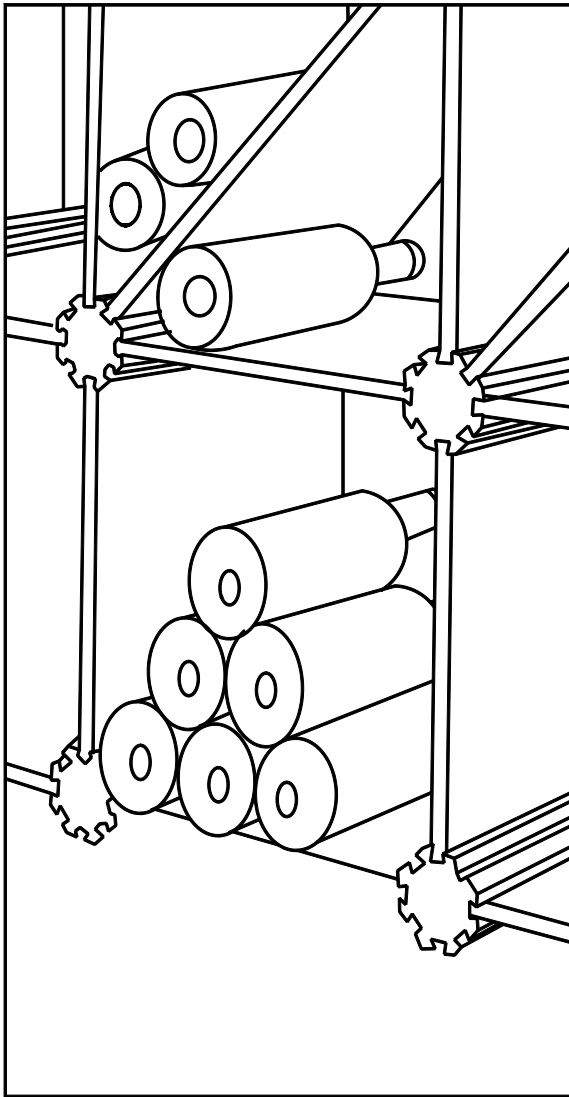
Resetting the temperature:

Adjust the temperature gradually in very small increments so that the air conditioning unit does not operate for an excessively long time (to avoid icing up).

To ensure that the air conditioning unit operates efficiently:

- Never obstruct the ventilation grills in the wall or over the unit.
- The cellar should be placed in well-ventilated area where the temperature does not exceed 35°C, to ensure that the refrigeration unit will be effective.
- Dust sucked in by the air conditioning unit may reduce the efficiency of operation. The air conditioning unit should be checked regularly to ensure that the condenser is clean. The air conditioning unit should be lifted off the wall (page 9) and the condenser should be cleaned using a vacuum cleaner. This maintenance is not covered by the guarantee.





STOCKING BOTTLES IN THE CELLAR

So that the air conditioning unit does not operate for an excessively long time (to avoid icing up). We recommend stocking the cellar gradually.

As both the glass and the wine have a significant thermal capacity, it may take several days for the bottles to reach the correct temperature.

During this period, the air conditioning unit will operate for longer periods than normal and a small amount of water may leak out. This will stop when the wine cellar and wine have reached a stable temperature.

NB:

We recommend stacking the bottles with the cork towards the walls of the cellar and the bottom of the bottle towards the channel because:

- the bottles are not liable to slide or fall off the shelves,
- you can read the label without moving the bottle,
- this arrangement looks more attractive.

WE HOPE THAT YOU WILL BE FULLY SATISFIED WITH YOUR CELLAR AND THAT IT WILL GIVE YOU GREAT PLEASURE.

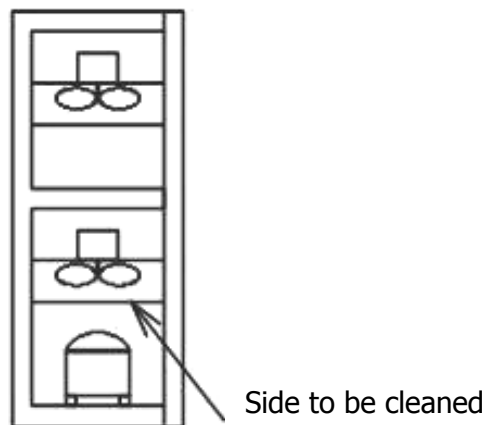
J. MAINTENANCE

➤ TEMPERATURE TOO LOW

- **The thermometer is not showing the correct reading:** Check by using another thermometer.
- **Thermostat set too low:** Raise the temperature gradually to avoid subjecting your wine to sudden changes in temperature.

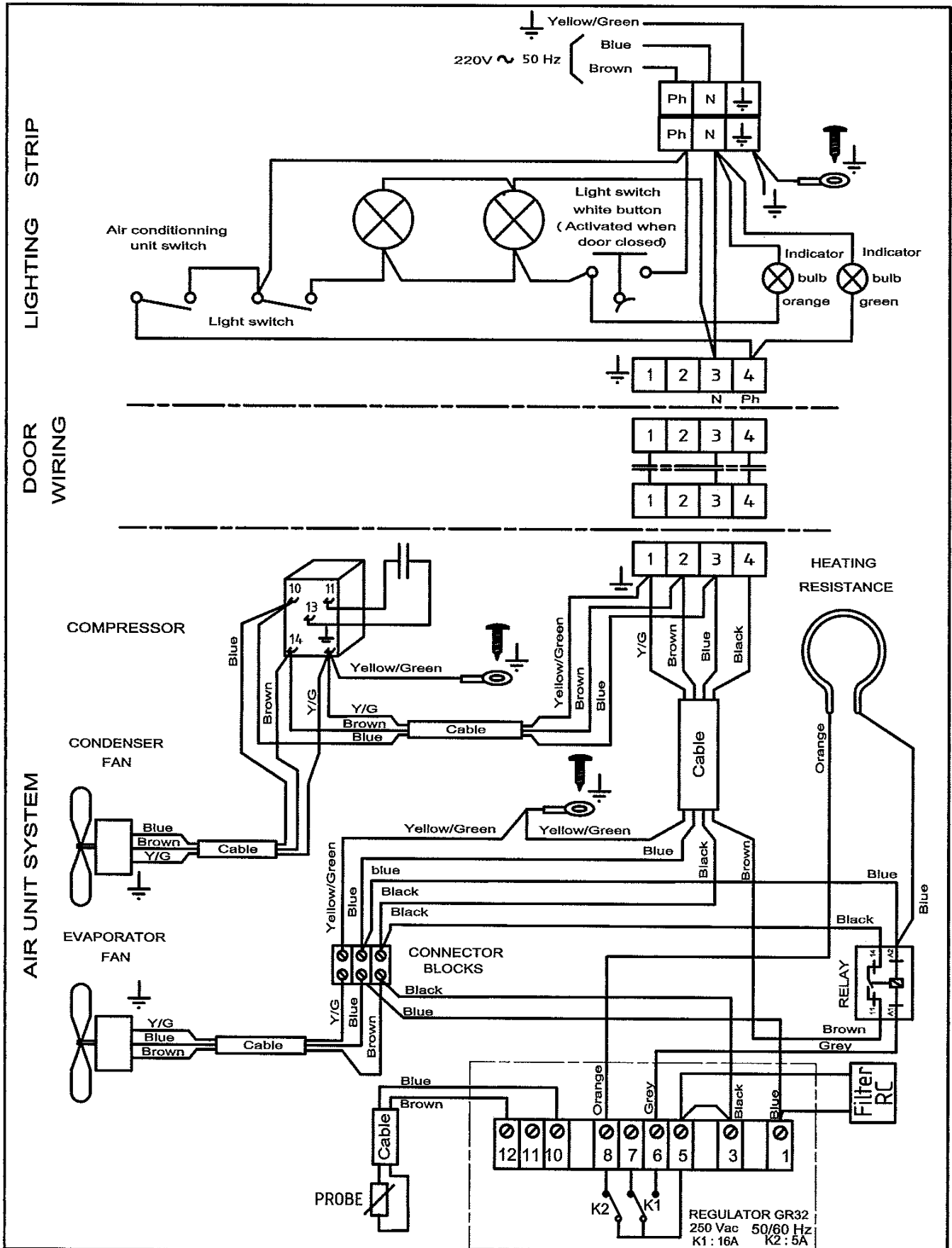
➤ TEMPERATURE TOO HIGH

- **The thermometer is not showing the correct reading:** Check by using another thermometer.
- **Thermostat set too high:** Lower the temperature gradually to avoid subjecting your wine to sudden changes in temperature.
- **Door not properly closed:** Check that the door closes and locks correctly.
- **Ventilation in the room where the wine cellar is installed is inadequate (this problem usually arises when the outside temperature is high):** If possible, open the door or windows. Install a ventilation system in the room (ventilation grill, extractor fan, etc...)
- **Thermostat setting decreased too suddenly:** Causes the air conditioning unit to ice up.
- **Air conditioning unit iced up:** Turn the air conditioning unit off for 48 hours and turn on again, ensuring that the thermostat is set on 13 °C or 14 °C. If the problem persists, disconnect the main supply, remove the air conditioning unit from the wall (page 10) and clean the condenser using a vacuum cleaner. This maintenance is not covered by the guarantee.



K. QUESTIONS / ANSWERS

This section is developed step by step following new cases that are brought forward to us. You will always find the latest version on our website www.vinosafe.com.



WIRING DIAGRAM
FOR WINE CELLARS TYPE VSP
FOR AIR CONDITIONNING DOOR VSE-PC1 VSE-PC2

N° Plan : VIN-C253 ERP:
Ech: 1:1 Nb.: 1 26-11-07
Matière:

VINOSAFE S.A.S. 68280 SUNDHOFFEN (FRANCE) - 2 rue des artisans- Tel: +33 3 89 71 45 35 - Fax: +33 3 89 71 49 73

L. RECOMMENDATIONS TO POTENTIAL BUYERS

If you are satisfied with VinoSafe, we suggest that you refer some potential buyers to us. If you transmit 5 comprehensive addressees of potential buyers to VinoSafe or its reseller, we shall send a gift to you (wine accessory). If some addresses end us as orders, we shall send yet another gift, but more substantial.

You can send the joined document to your reseller by post or by fax, or mail these addresses either to your reseller or direct to VinoSafe at info@vinosafe.com.

M. ADVICES AND CONCLUSION

These guide's detailed information is subject to changes without notice.

NVS SAS - VinoSafe offers no warranty on this equipment if is used for a different purpose than wine storage. **VinoSafe** cannot be held responsible for potential mistakes in this guide or for any damage linked or generated by the supply, the utilisation or the performances of this equipment.

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We thanks you again for your trust in **NVS SAS - VinoSafe** and remain, via our resellers our directly, at your entire disposal. And happy wine tasting... with restraint!

DÉCLARATION DE CONFORMITÉ DU CONSTRUCTEUR selon les directives 73/23/CEE 89/336/CEE

CE CONFORMITY DECLARATION according directives EEC/73/23 EEC/89/336

HERSTELLERKONFORMITÄT ERKLÄRUNG entsprechend-Richtlinien EWG/73/23 EWG/89/336

Nous,
We,
Wir,

NVS S.A.S
2 rue des Artisans
F – 68280 SUNDHOFFEN

Déclarons par la présente que la machine
Hereby declare that the machine
Erklären, dass die folgende Maschine

Type / type / Typ _____

Série n° _____

Année de fabrication / Year of production / Herstellungsjahr _____

Est conforme aux dispositions de la directive « Basse tension » 73/23/CEE et de la directive compatibilité électromagnétique 89/336/CEE

Complies with the provisions of the low voltage directive EEC/73/23 and with the provisions of the electromagnetic compatibility directive EEC/89/336

Den Bestimmungen der Niederspannungsenergie EWG/73/23 und den Bestimmungen der elektromagnetischen Übereinstimmung – Richtlinie EWG/89/336 entspricht

Et est également conforme aux dispositions des normes européennes harmonisées suivantes :

Is in compliance with the following harmonised standards :

Und ebenfalls der folgenden Europäischen Normen... entspricht :

EN 60 335-1 sécurité des appareils électrodomestiques et analogues

Safety of household and similar electrical appliances

elektrische Geräte für den Hausgebrauch und ähnliche Zwecke

Timbre de l'Entreprise