# WINE-MATE

*Installation, Use & Care Manual*
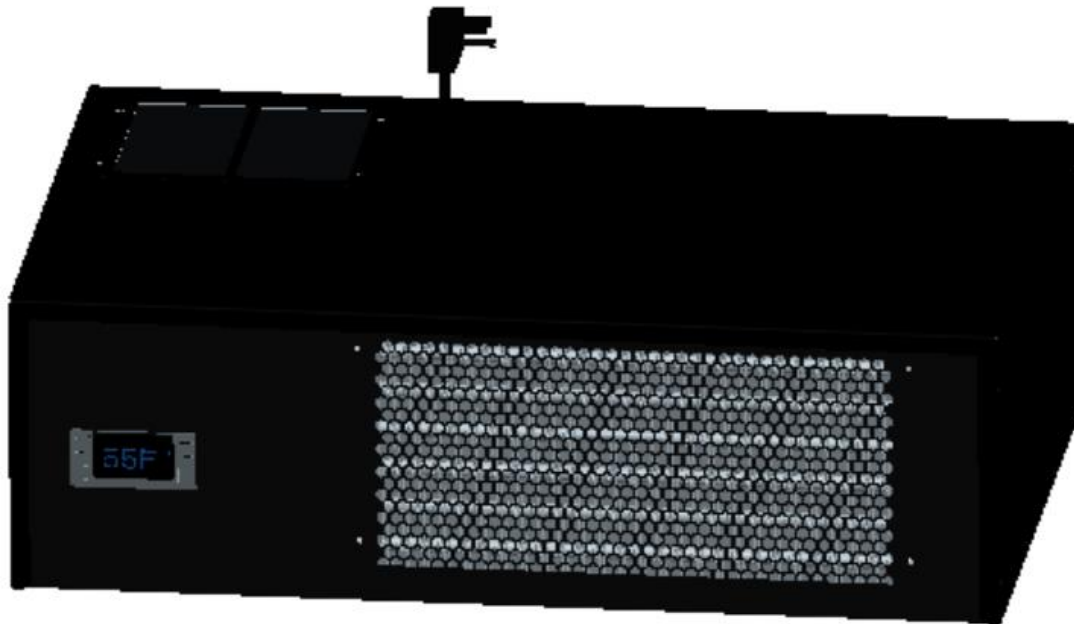
## Self-contained Wine Cooling System

**WM-1500LOWP**
**WM-1500LOWP-TE**
**WM-2500LOWP**
**WM-2500LOWP-TE**



By *Vinotemp®*

**Read and save these instructions.**

**Do not plug the unit into power until 24 hours after delivery.**

# SAFETY INSTRUCTIONS

**Electrical Safety**

| DANGER | Improper use of the power cord plug can result in the risk of electrical shock, property damage and personal injury or death.<br>Unplug the unit or disconnect power before performing any maintenance.<br>Upon receipt and inspection of the unit the power cord must be replaced if it is damaged.<br>A dedicated 20 AMP circuit is required. |
|---|---|

- This product is equipped with a 3-prong grounding-type plug and shall be plugged into a properly connected grounding-type outlet.
- It is required to use a 3–prong grounding-type electrical outlet properly grounded in accordance with the National Electrical Code and local codes and ordinances.
- A separate adequately fused and grounded circuit shall be used for this unit. The voltage rating must match the rating label on the unit.
- Do not use an adapter or an extension cord.
- Do not use a ground fault interrupter (GFI).
- Do not under any circumstances cut or remove the third ground prong from the power cord.
- Never unplug the unit by pulling the power cord. To disconnect the unit always grip the plug firmly and pull straight out from the wall outlet.
- Do not operate the unit if the unit housing is removed or damaged.
- Do not attempt to repair or replace any part of your unit unless it is specifically recommended in this manual. All other servicing shall be referred to a qualified technician.
- Unplug the unit or disconnect power before performing any maintenance.
- To protect against electric shock do not immerse unit plug or cord into water or other liquids.
- Do not operate the unit with wet hands, while standing on a wet surface, or while standing in water.
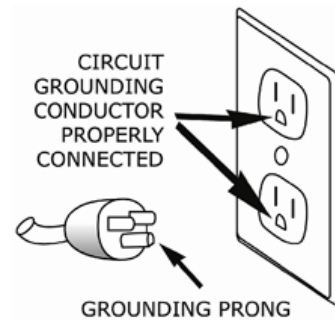
**Disposing Safety**

| CAUTION | When disposing of refrigeration products, special handling is often required.<br>It is the consumer's responsibility to comply with federal and local regulations when disposing of this product. |
|---|---|

# Table of Contents

# Features and Specifications

- WM-1500LOWP & 1500LOWP-TE and WM-2500LOWP & 2500LOWP-TE cooling units are designed to provide a subtle temperature between 50~65 °F for a properly insulated wine cabinet.
- The refrigerated space will maintain humidity range within 50~70% RH.
- These temperature and humidity ranges are optimized for long term storage of wine.
- Temperature is controlled and humidity is adjusted using patented technology.
- Larger bottom cold air supply provides more even temperature distribution in the wine cabinet.
- Multiple options for top or rear hot air exhaust are convenient for flexible installations.
- Extremely 7.5" low profile is ideal for conceal installations.
- Patented condensate drain tray is used for humidity adjustment.
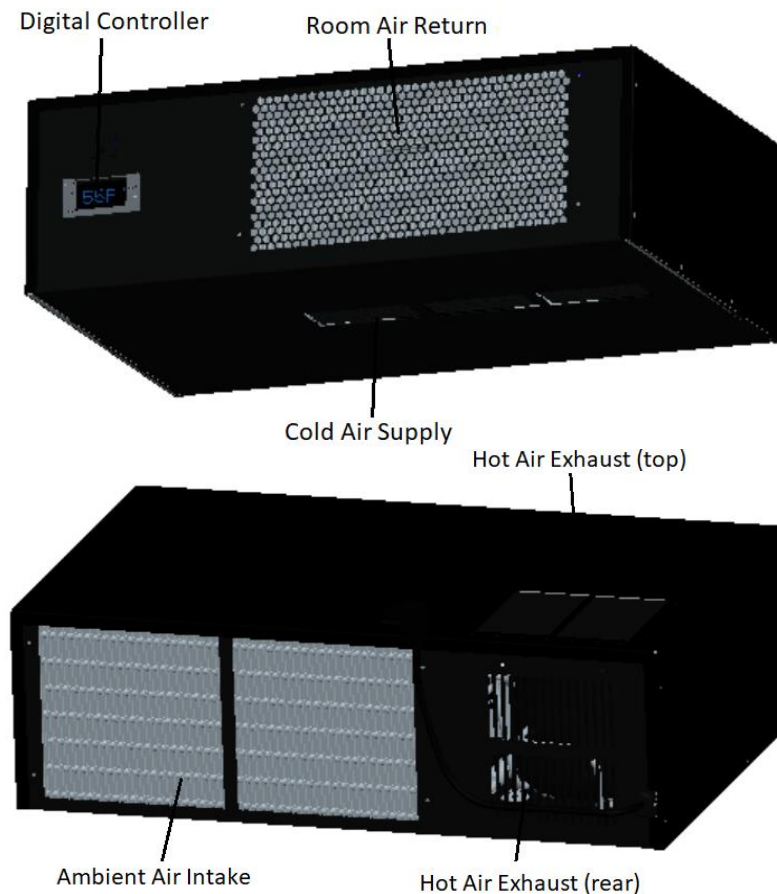- The unit is self-contained ready for easy installation and use.

Digital Controller    Room Air Return
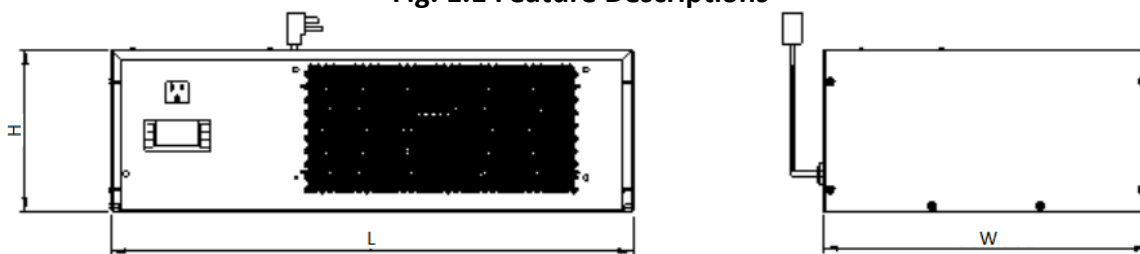
Cold Air Supply

Hot Air Exhaust (top)

Ambient Air Intake    Hot Air Exhaust (rear)

**Fig. 1.1 Feature Descriptions**



**Fig. 1.2 Dimensions**

The specifications are listed as follows:

| Model No | Exhaust | Dim L x W x H (in) | Airflow (CFM) | Cabinet Size (cu ft) | Electrical Rating | Weight (lb) |
|---|---|---|---|---|---|---|
| WM-1500LOWP | Rear | 24-1/4 x 15-1/8 x 7-1/2 | 120 | 90 | 115V/60Hz/3A | 55 |
| WM-1500LOWP-TE | Top | 24-1/4 x 15-1/8 x 7-1/2 | 120 | 90 | 115V/60Hz/3A | 55 |
| WM-2500LOWP | Rear | 24-1/4 x 15-1/8 x 7-1/2 | 180 | 200 | 115V/60Hz/4A | 60 |
| WM-2500LOWP-TE | Top | 24-1/4 x 15-1/8 x 7-1/2 | 180 | 200 | 115V/60Hz/4A | 60 |

| NOTE | See the voltage, frequency and current specified on the label of the cooling unit. The rated cooling capacity is determined under the cabinet and ambient temperatures of 55°F and 75°F with R13 interior and R19 exterior insulations. Higher ambient temperatures and less insulation will cause reducing the capacity. |
|---|---|

# Installation Instructions

| NOTE | Mounting brackets, screws, gaskets and other seal materials are not included. Do not install any ducts onto the supply, return, intake and exhaust. |
|---|---|

| CAUTION | Because of potential safety hazards under a certain condition, we strongly recommend against the use of an extension cord. However, if you still elect to use an extension cord, it is absolutely necessary that it will be a UL LISTED 3-wire grounding type extension cord having a 3-blade grounding plug and a 3-slot receptacle that will plug into the unit. The marked rating of the extension cord shall be 115 V, 15 A. |
|---|---|

## 1. Cabinet Location

- Place the wine cabinet in a properly ventilated location. Otherwise, heat exhausted by the cooling unit will build up and it may cause the cooling unit not to work properly.
- The exhaust area must not be closed space and must be ventilated.
- The ambient temperatures shall not be higher than 78°F for running WM-1500LOWP & 1500LOWP-TE or 95°F for running WM-2500LOWP & 2500LOWP-TE and shall not be lower than 50 °F for all units.

1) Rear Exhaust Cabinet
- Leave min 6 "clearance from the rear to the wall.
- Leave min 12" clearance from the top to the ceiling.
- Leave min 6" clearance on the sides.

2) Front Exhaust Cabinet
- Leave min 6" clearance on the front if the sides are unobstructed.
- Or, leave min 36" clearance on the front if the sides are obstructed

3) Top Exhaust Cabinet
- Leave min 12" from the top to the ceiling.
- Leave min 2 "clearance from the rear to the wall.
- Leave min 2" clearance on the sides.

4) Side Exhaust Cabinet
- Leave min 6 "clearance on the side that hot air exhausts.
- Leave min 12" clearance from the top to the ceiling.

**2. Cooling Unit Installation**

- The cooling unit produces cooling supplied into the cabinet, meanwhile it also generates heat that must be exhausted outside the cabinet. So the cold-air supply and warm-air return must be separated from the hot-air exhaust and ambient-air intake. Foam tape gasket may be used to seal them. The cooling unit must intake adequate fresh ambient-air to work properly. The ambient-air intake and hot-air exhaust must not be short-circulated.

1) Making Cutout

- Make a rectangular through hole at the rear wall of the cabinet with 1/4" less than the width and height of the cooling unit. Make 1/2" tabs to place the gaskets as shown in Fig. 2.1.
- If it is a top exhaust installation, make another rectangular hole at the top of the cabinet with the length and width of the top exhaust as shown in Fig. 2.2.
- Install 2 pieces of 1/4" ID wood thread inserts on the ceiling as shown in Fig. 2.3.
- Install the rear gaskets (1/2" foam tape) as shown in Fig. 2.4.
- If it is a top exhaust installation, install the top gaskets on the cooling unit as shown in Fig. 2.5.

2) Installing Cooling Unit

- Push the cooling unit towards the mounting tabs until it stops and press the gaskets as shown in Fig. 2.6.
- Use two mounting brackets and two 1/4" screws with 7/16" wrench to secure the cooling unit as shown in Fig. 2.6.

3) Low Profile Front Grille

- Install an exhaust cover to redirect the hot air to the front as shown in Fig. 2.9.
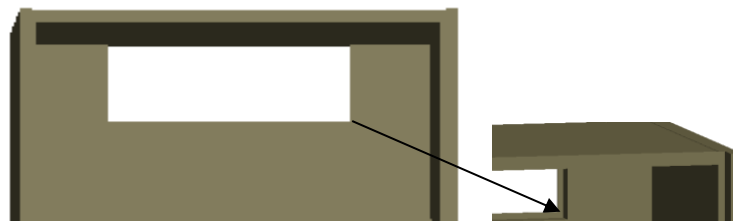- Install the low profile front grilles as shown in Fig. 2.9.

**Fig. 2.1 Rear Exhaust Cutout**
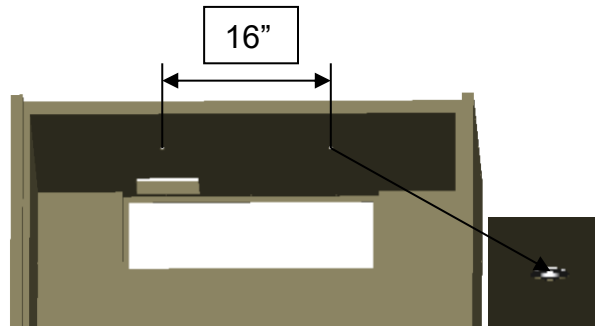
**Fig. 2.2 Top Exhaust Cutouts**
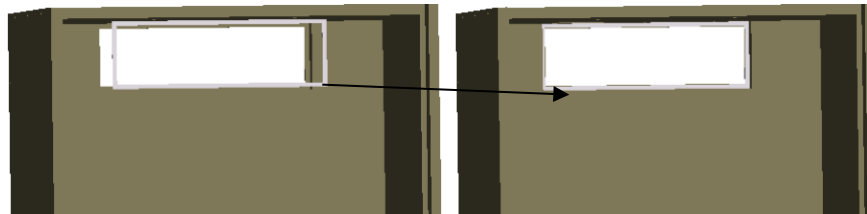


16"

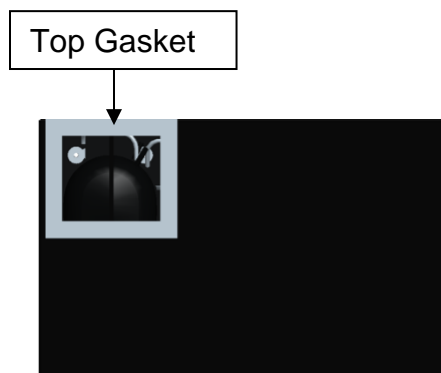**Fig. 2.3 Installing Screw Inserts**



**Fig. 2.4 Installing Rear Gaskets**

Top Gasket



**Fig. 2.5 Installing Top Gaskets**

**Fig. 2.6 Installing Cooling Unit**

Ambient Air Intake
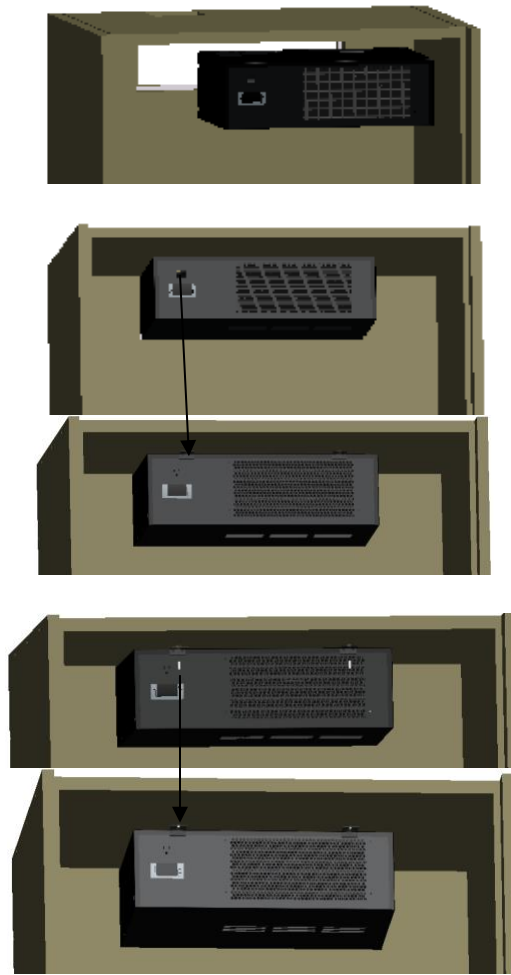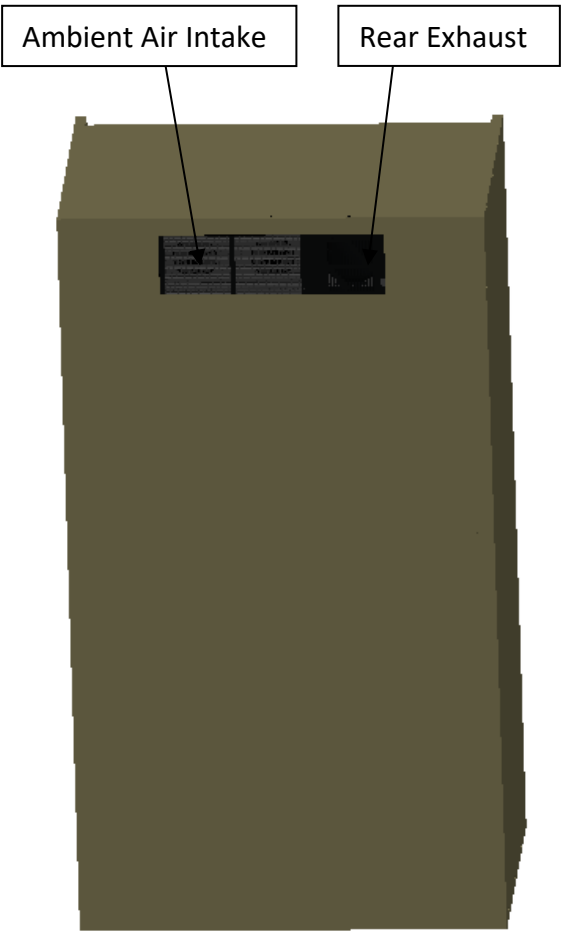
Rear Exhaust

**Fig. 2.7 Cooling Unit Installed (Rear Exhaust)**

Ambient Air Intake
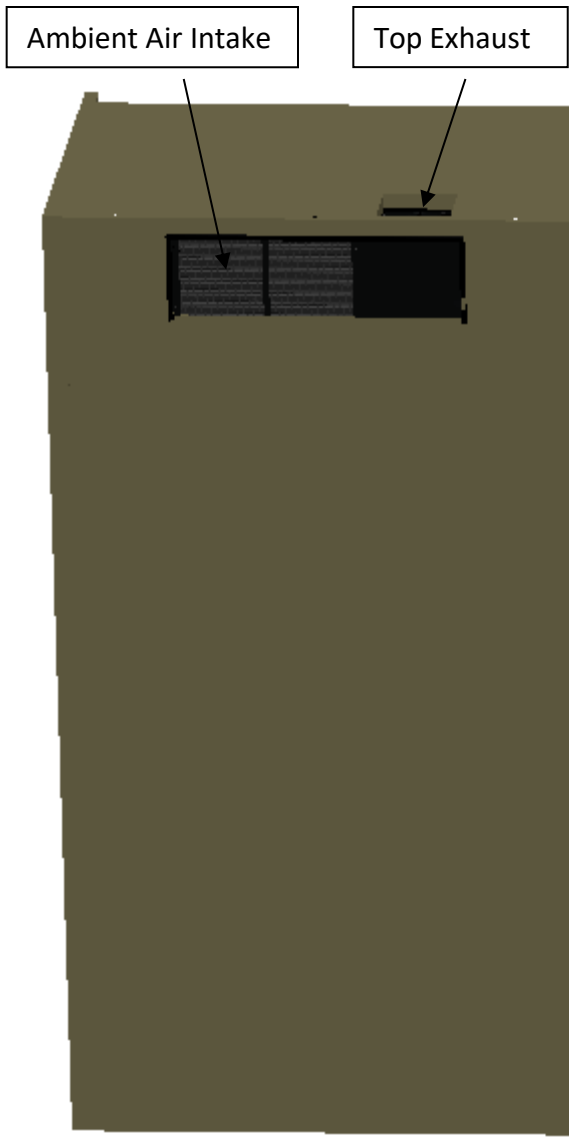
Top Exhaust

**Fig. 2.8 Cooling Unit Installed (Top Exhaust)**

Ambient Air Intake

Top Exhaust Cover

Low Front Grille

**Fig. 2.9 Cooling Unit Installed (Low Front Grille)**

# Temperature and Humidity

## 1. The controller



**Fig. 3.1 Temperature Controller**

### 1) Keys

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

❄: To start a manual defrost.

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

⌄ : To see the minimum stored temperature; in programming mode it browses the parameter codes or decreases the displayed value.

⏻: To turn on/off the power to the unit.

⌃+ ⌄: To lock/unlock the keypad.

**SET+ ⌄:** To enter in the programming mode.

**SET+ ⌃:** To return to the temperature display.

### 2) Lock and unlock the keys

To lock the keys, press up + down keys ⌃+⌄ until POF is displayed; to unlock the keys, press up + down keys ⌃+⌄ until PON is displayed.

### 3) Display

During normal operating conditions, the display shows the value measured by the air temperature probe. In case of active alarm, the temperature flashes alternately to the code alarm. The LED functions are listed as follows.

| LED | MODE | FUNCTION |
|-----|------|----------|
| ❄ | ON | Compressor enabled |
| ❄ | Flashing | Anti-short cycle enabled |
| ❄ | ON | Defrost cycle enabled |
| ✿ | ON | Fan enabled |
| ✿ | Flashing | Fan delay after defrost enabled |
| ⦿ | ON | Alarm occurring |

| ºC/ºF | ON | Temperature measuring unit |
|-------|-----|----------------------------|
| ºC/ºF | Flashing | Programming mode |

**4) Alarm Signals**

The alarm codes are described as follows.

| MESSAGE | CAUSE | FUNCTION |
|---------|-------|----------|
| P1 | Temperature probe faulty | Compressor switching to Con and CoF |
| HA | High temperature alarm | Probe temperature ALU higher than the setting temperature; Outputs unchanged |
| LA | Low temperature alarm | Probe temperature ALL lower than the setting temperature; Outputs unchanged |
| CA | External alarm | All outputs off |

Probe alarms P1", start a few seconds after the fault in the related probe; they automatically stop a few seconds after the probe restarts normal operation. Check connections before replacing the probe. Temperature alarms "HA", "LA" automatically stops as soon as the temperature returns to normal value. Alarm "CA" (with i1F=PAL) recovers only by switching off and on the instrument.

## 2. Temperature Setting

- Set the temperature at 55 °F for the optimum aging of wine
- On initial start-up, the time required to reach the desired temperature will vary, depending on the quantity of bottles, temperature setting and surrounding temperature.
- Allow 24 hours to stabilize the temperature for each new temperature setting operation

**3. How to see temperature set-point**

1) Press and immediately release the **SET** key, the display will show the set-point value.
2) Press again and immediately release the **SET** key to display the probe value.

**4. How to change the set-point**

1) Press and hold the **SET** key until the "°C" or "°F" LED starts flashing and the set-point is displayed.
2) Press the up/down keys ⬘/⬙ to change the set-point value within 10 sec.
3) Press the **SET** key again to store the new set-point value.
**NOTE**: The unit turns on at set-point **Set** plus regulation differential **Hy** after anti-short cycle **AC** has elapsed; the unit turns off at set-point **Set**.

**5. Manual Defrost**

Press and hold the defrost ❄ key until defrost starts. The defrost indicator will be on.

**6. Parameter Programming**

1) Press and hold the **SET** + ∨ keys until the "**°C" or "°F"** LED starts flashing, then release the keys.

2) Press and hold again the **SET** + ∨ keys until the **Pr2** label is displayed, then release the keys. The first parameter **Hy** will be displayed.

3) Press up/down keys ∧/∨ to scroll to the required parameter within 10 sec.

4) Press the "**SET**" key to display its value.

5) Use up/down keys ∧ ∨ to change its value within 10 sec.

6) Press "**SET**" to store the new value and the display will flash 3 times.

7) **To exit**: Press **SET +** ∧ or wait 15sec without pressing a key.

| PARAMETER | DESCRIPTION | DEFAULT VALUE |
|---|---|---|
| Set | set-point (°) | 55 |
| Hy | temperature regulation differential (°) | 4 |
| AC | anti-short cycle delay (min) | 10 |
| Con | compress on with probe faulty (min) | 20 |
| CoF | compress off with probe faulty (min) | 20 |
| CF | temperature unit (°F**/** °C) | F: Fahrenheit |
| rES | display resolution | in: integer |
| dLy | temperature display delay (min) | 1 |
| ot | probe calibration (°) | 0 |
| LS | minimum set-point (°) | 50 |
| US | maximum set-point (°) | 65 |
| idF | defrost cycle interval time (hour) | 12 |
| MdF | defrost cycle endurance time (min) | 30 |
| ALC | temperature alarm type | rE: relative to set-point |
| ALU | high temperature alarm (°) | 10 |
| ALL | low temperature alarm (°) | 10 |
| AFH | alarm recovery differential (°) | 5 |
| ALd | temperature alarm delay (min) | 60 |
| dAo | temperature alarm delay on startup (hr) | 23 |
| SAA | heater set-point (°) | 40 |
| SHy | heater regulation differential (°) | 4 |
| FSU | fan action | Std |
| FnC | fan operating mode | C-n: on with compressor & off during defrost |
| Fon | fan on with compressor off (min) | 0 |
| FoF | fan off with compressor off (min) | 15 |

**NOTE**: Depending on the controller, not all parameters are used.

**7. How to calibrate the air probe**

If the actual cellar temperature differs from the setting temperature, set parameter **ot** = actual cellar temperature minus set-point.

**8. How to adjust defrost cycle**
In case there is excessive frost, the parameters **FnC** = C-y**, idF** = **4** and **MdF** = 20 can be used to avoid frost.

**9. How to adjust the humidity**

The parameter **Fon** is used to adjust the humidity in the wine cellar. Higher **Fon** results in higher relative humidity.  Use a separate hygrometer to monitor the humidity.

**10. How to set alarm call**

1) Speech notice will be sent to your phones when the cellar temperature is **ALU** higher or **ALL** lower than the set-point **Set**.
2) In order to test the call function, set parameters **Ald** = 0 and **dAO** = 0.  After testing, set **Ald** = 60 and **dAO** = 23.

**11. How to set low cellar temperature heater**

The heater turns on at **SAA** minus **Shy;** the heater turns off at **SAA**.

**NOTES:**

- Use a forced air heater to warm up the wine cellar.
- If there is a thermostat on the heater, bypass it or set the thermostat at the highest level.
- If the heater runs more than 10 A current, use a 120VAC coil contactor

# Care Guide

**⚠ WARNING**

**ELECTRIC SHOCK HAZARD**

Disconnect the electrical power before servicing any components.
Failure to do so can result in death or electrical shock.

**1. Cleaning Condenser**

- Clean the condenser regularly at least every 6 months.
- Condenser is located on the ambient air intake side of the cooling unit.
- Use a condenser brush or a vacuum cleaner with an extended attachment to clean the condenser.

**2. Removing Condensate**

Remove the excessive condensate if it is accumulated on the cooling unit in high humidity conditions.

**3. Removing Unit**

When you remove the cooling unit, beware water may come out of the unit.

# Troubleshooting

This Troubleshooting Chart is not prepared to replace the training required for a professional refrigeration service person, not is it comprehensive

| Complaint | Possible Causes | Response |
|---|---|---|
| **1. Unit not running** | a. Power cord not plugged<br>b. No power from supply<br>c. Incorrect or loose wirings<br>d. Low voltage<br>e. Setting higher than ambient temperature<br>f. Cut-in too high<br>g. Defrost light blinking<br>h. Compressor light blinking<br>i. Defective controller | a. Check power cord<br>b. Check receptacle and fuses<br>c. Check all wirings and connections<br>d. Contact an authorized electrician<br>e. Lower temperature setting<br><br>f. Reduce Hy<br>g. Unit is under defrost mode<br>h. Unit is under anti-short cycle delay<br>i. Call service for diagnosis |
| **2. Unit not starting, but temperature rising high** | a. Anti-short cycle | a. Reset AC |
| **3. Temperature fluctuating** | a. Air probe | a. When using an air probe, the wine bottle temperature is mainly controlled by the average air temperature. If the set-point is 55°F with the differential 4F, the cooling unit turns on at 59°F of air temperature (It may be higher than 59°F if it is in anti-short cycle or defrost cycle) and turns off at 55°F of air temperature. The average air temperature is 57°F, and then the wine temperature is around 57+/-0.5°F. The air is light enough to change so quickly that it maintains relatively constant average temperature that would prevent wine bottle temperature from fluctuating. |
| **4. Temperature high, unit stopping and starting normally** | a. Temperature setting high | a. Lower the setting |
| **5. Temperature high, unit stopping and starting with short running time** | a. Air probe touching the evaporator coil, displaying temperature ok<br>b. Short circuit of air flow between cold-air supply and cellar-air return, displaying temperature ok<br>c. Failed controller and probe | a. Move the air probe away from the evaporator<br><br>b. Deflect the supply air down<br><br><br>c. Call service for diagnosis |

| | | |
|---|---|---|
| **6. Temperature high or not cooling and running continually** | a. Improper cellar insulation & seal<br><br>b. Cellar too large<br>c. Ambient temperature too high<br>d. Exhaust restricted<br><br><br><br><br>e. Malfunctioning fans<br><br>f. Evaporator or condenser airflow<br><br>g. Dirty Condenser<br>h. Iced evaporator<br>i. Refrigeration system restriction<br>j. Refrigerant leak<br>k. Undercharge or overcharge<br>l. Failed components | a. Check insulation, gasket and door opening, power cord grommet<br>b. Check for excessive size<br>c. Check installation location<br>d. Leave minimum 3 feet clearance for the hot air exhaust side and leave minimum 1 foot clearance for the fresh air intake side<br>e. Check for both evaporator and condenser fans<br>f. Check for air restrictions, air short-circulation, grille directions<br>g. Clean condenser<br>h. Defrost and reset temperature<br>i. Call service<br>j. Call service<br>k. Call service<br>l. Check compressor windings, start relay and overload protector |
| **7. Unit running too long** | a. Improper cellar insulation & seal<br><br>b. Cellar too large<br>c. Ambient temperature higher > 90˚F<br>d. Exhaust restricted<br><br><br><br><br>e. Dirty Condenser<br>f. Improper condenser air flow | a. Check insulation, gasket and door opening, power cord grommet<br>b. Check for excessive size<br>c. Check for installation location<br><br>d. Leave minimum 3 feet clearance for the hot air exhaust side and leave minimum 1 foot clearance for the fresh air intake side<br>e. Clean condenser<br>f. Check for fan and air short circulation |
| **8. Fan motor running but compressor not running** | a. Post-compressor fan running mode<br>b. Incorrect or loose wirings<br>c. Failed components<br><br>d. Liquid refrigerant in the compressor | a. Check fan running time FON<br><br>b. Check all wirings and connections<br>c. Check start relay, start capacitor, overload protector, compressor.<br>d. Call service. |
| **9. Compressor running but fan not running** | a. Fan blade stuck<br>b. Incorrect or loose wirings<br>c. Failed motors | a. Check for proper clearance<br>b. Check all wirings<br>c. Call service |
| **10.Temperature high, compressor stopping and starting but very short running time** | a. Failed components<br><br>b. Improper condenser airflow<br>c. Dirty condenser<br>d. Overcharge of refrigerant<br>e. Discharge or suction pressure too high | a. Check compressor windings, start relay and overload protector.<br>b. Check for condenser fan<br>c. Clean condenser<br>d. Call service for removing refrigerant<br>e. Call service for information |
| **11.Fan running too long** | a. Post-compressor fan running mode for humidity modulation | a. Reset FON |

| | | |
|---|---|---|
| **12.Temperature low** | a. Low temperature setting<br>b. Low ambient temperature<br>c. Air probe fault<br>d. Temperature controller fault | a. Raise the setting<br>b. Move to another location<br>c. Change a new one<br>d. Change a new one |
| **13.Evaporator freezing up** | a. Evaporator air flow restriction<br>b. Low temperature setting<br>c. Low ambient temperature<br>d. Defective controller or probe<br>e. Not stopping due to air leak, high ambient temperature, condenser air flow restriction or pull-down cooling<br>f. Initially working then stopping, moisture in the system<br>g. Refrigerant low or leaking<br>h. Capillary tube or expansion valve blockage | a. Check for fans and air flow<br>b. Check for set-point<br>c. Change defrost cycle<br>d. Check for controller and probe<br>e. Check for seal, door opening, ambient temperature and condenser air flow<br><br>f. Call service<br><br>g. Call service<br>h. Call service |
| **14.Water leak** | a. Air leak in the wine cellar causing excessive condensate<br>b. High humidity causing excessive condensate<br>c. Evaporator air flow restriction<br>d. Water passages restricted<br>e. Drip tray leak (No water overflow but water leak) | a. Check for air leak<br><br>b. Use drain line<br><br>c. Check supply air flow or air TD<br>d. Clean the drip tray<br>e. Seal the leak using silicone sealant |
| **15.Excessive condensate in wine cellar** | a. Air leak in the wine cellar causing excessive condensate<br>b. High humidity causing excessive condensate<br>c. Water passages restricted | a. Check for any air leak<br><br>b. Use drain line<br><br>c. Clean the drip tray |
| **16.Circuit tripping** | a. Incorrect fuse or breaker<br>b. Incorrect wirings<br>c. Failed components | a. Check for proper fuse or breaker<br>b. Check for wirings and connections<br>c. Call service |
| **17.Noisy operation** | a. Mounting area not firm<br>b. Loose parts<br><br>c. Compressor overloaded due to high ambient temperatures or airflow restriction<br>d. Defective components | a. Add support to improve installation<br>b. Check fan blades, bearings, washers, tubing contact and loose screws.<br>c. Check for airflow<br><br>d. Call service for checking internal loose, inadequate lubrication and incorrect wirings |

# Electrical Wiring Diagram
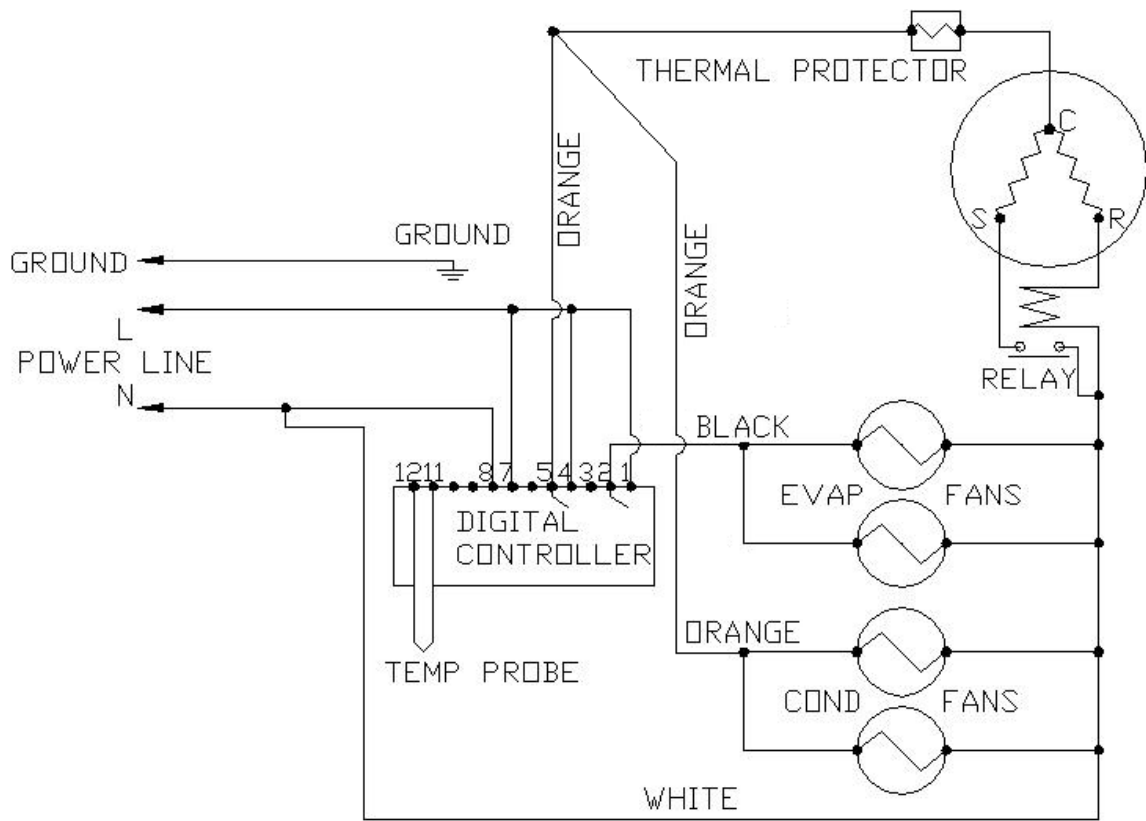


**Fig. 6.1 Wiring Diagram**

# Customer Support

If you need further assistance, please contact us at:

Vinotemp International Corp
732 S Racetrack Rd.
Henderson, NV 89015
Tel:  (310) 886-3332
Fax: (310) 886-3310
Email: info@vinotemp.com

# Warranty

**Thank you for choosing a Vinotemp cooling unit.**

Please enter the complete model and serial numbers in the space provided:

Model_____

Serial No._____

Attach your purchase receipt to this owner's manual.

**1. Limited Warranty**

VINOTEMP warrants its products to be free from defects due to workmanship or materials under normal use and service, for twelve months after the initial sale. If the product is defective due to workmanship or materials, is removed within twelve months of the initial sale and is returned to VINOTEMP, in the original shipping carton, shipping prepaid, VINOTEMP will at its option, repair or replace the product free of charge. Additionally VINOTEMP warrants all parts to be free from defects for a period of sixty months after initial sale.

This warranty constitutes the entire warranty of the VINOTEMP with respect to its products and is in lieu of all other warranties, express or implied, including any of fitness for a particular purpose. In no event shall VINOTEMP be responsible for any consequential damages what is so ever. Any modification or unauthorized repair of VINOTEMP products shall void this warranty.

**Service under Warranty**

This service is provided to customers within the continental UNITED STATES only. VINOTEMP cooling units are warranted to produce the stated number of BTU/H. While every effort has been made to provide accurate guidelines, VINOTEMP can not warranty its units to cool a particular enclosure.

In case of failure, VINOTEMP cooling units must be repaired by the factory or its authorized agent. Repairs or modifications made by anyone else will void the warranty.

Shall a VINOTEMP cooling unit fail, please contact the dealer for instructions. Do not return the unit to the factory without authorization from VINOTEMP. If the unit requires

repair, re-pack it in the original shipping carton and return it to the factory, shipping prepaid. VINOTEMP will not accept COD shipments. If the unit is determined to be faulty and is within the twelve month warranty period VINOTEMP will, at its discretion, repair or replace the unit and return it free of charge to the original retail customer. If the unit is found to be in good working order, or beyond the initial twelve month period, it will be returned freight collect.

**2. Limitation of Implied Warranty**

**VINOTEMP'S SOLE LIABILITY FOR ANY DEFECTIVE PRODUCT IS LIMITED TO, AT OUR OPTION, REPAIRING OR REPLACING OF UNIT.**

**VINOTEMP SHALL NOT BE LIABLE FOR:**
**DAMAGE TO OTHER PROPERTY CAUSED BY ANY DEFECTS IN THE UNIT, DAMAGES BASED UPON INCONVENIENCE, LOSS OF USE OF THE UNIT, LOSS OF TIME OR COMMERCIAL LOSS, ANY OUTER DAMAGES, WHETHER INCIDENTAL, CONSEQUENTIAL OR OTHERWISE.**

**THIS WARRANTY IS EXCLUSIBE AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR INPLIED, INCLUDING BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

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