



## **KoolR *PICCOLO* and KoolR *MAGNUM***

### **Use & Care Guide**

For questions about features, operation/performance, parts, accessories, or service, visit us at:

[www.koolr.com](http://www.koolr.com)



**USE THIS MANUAL WITH THE SUPPLIED TEMPLATE**

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# Cooling unit SAFETY

## Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING."

These words mean:



You can be killed or seriously injured if you don't immediately follow instructions.



You can be killed or seriously injured if you don't follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

## IMPORTANT SAFETY INSTRUCTIONS

**WARNING:** To reduce the risk of fire, electric shock, or injury when using your beverage center, follow these basic precautions:

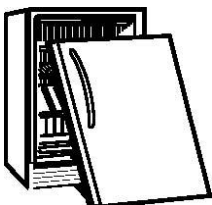
- Plug into a grounded 3 prong outlet.
- Do not remove ground prong.
- Do not use an adapter.
- Do not use an extension cord.
- Disconnect power before servicing.
- Replace all parts and panels before operating.
- Remove door or drawer(s) from your old refrigerated appliance.
- Use nonflammable cleaner.
- Keep flammable materials and vapors, such as gasoline, away from beverage center.
- Use two or more people to move and install beverage center.

**SAVE THESE INSTRUCTIONS**

## Proper disposal of your old Appliance

Before You Throw Away Your Old Appliance:

- Take off the door.
- Leave the racks and shelves in place so that children may not easily climb inside



- if applicable

# WARNING

## Suffocation Hazard

Remove door or drawer(s) from your old appliance.  
Failure to do so can result in death or brain damage.

**IMPORTANT:** Child entrapment and suffocation are not problems of the past. Junked or abandoned coolers, fridges and cabinets are still dangerous – even if they will sit for “just a few days.” If you are getting rid of your old unit, please follow these instructions to help prevent accidents.

- To discard cooling units containing refrigerant follow the local by-laws.  
The KoolR cooling units contain less than 6oz of R134a refrigerant with zero ODP.

## INSTALLATION INSTRUCTIONS

### TOOLS and PARTS:

#### Tools:

- Pencil, Electric drill, Level, Saw, Philips screwdriver, Hammer
- Stud sensor – recommended
  
- Safe step ladder/ladder might be needed

#### Parts supplied:

- Cut-out template with step by step installation details
- Screws
- Drain hose barb, hose and clip

## LOCATION REQUIREMENTS

**⚠ WARNING**



**Explosion Hazard**  
**Keep flammable materials and vapors, such as gasoline, away from beverage center.**  
**Failure to do so can result in death, explosion, or fire.**

### LOCATION:

**NEVER** install in a “Fire wall”, “Fire barrier” or “Fire partition”.

Appliance is for indoor use only. Never vent into a laundry closet or similar room which traps warm air. Unit must vent to an adjacent interior, ventilated space close to the ceiling. Exhaust air must not be obstructed in any way.

Consider from the beginning that the cooling unit will be installed through the wall, close to the ceiling of your room and **MUST** vent the warm air into an adjacent, air-conditioned fairly large interior space. Do not even think of venting to the garage, or using any ducting for the air streams. The airflow has to be totally unobstructed, keep in mind that up to 200 cubic feet of air will be vented every minute.

To ensure proper ventilation for your KoolR, allow for sufficient space on each side and top. Do not block free air flow on the sides, under or facing the cold side in your cellar either.

**NOTE:** It is important that you do not install the KoolR near an oven, radiator, or other heat source. Do not install in a location where the temperature will fall below 55°F (13°C).

## **TEMPERATURES:**

Select a suitable area, sized to model's cooling capacity, where ambient temperature will not exceed the desired storage temperature by more than 25°F (14°C). The temperature of the air where the unit vents its warm air must be at least 65°F and never exceed 80°F with 70% R.H.

Lower set temperature from default 57°F (14°C), only if ambient condition allows.

Set temperature range: 53°F - 64°F (12°C - 18°C)

## **INSULATION:**

Install unit where ALL surfaces (walls, floor and ceiling) are insulated to R-20 and protected by vapor barrier on both sides. Un-insulated concrete floors will radiate heat and humidity during summer months, forcing the unit to work inefficiently. All floors must be INSULATED! Use an insulated door with weather seal.

## **Electrical Requirements**

Installation must comply with local electrical codes and regulations.

**This unit must be installed in accordance with national wiring regulations.**

# **! WARNING**



## **Electrical Shock Hazard**

**Plug into a grounded 3 prong outlet.**

**Do not remove ground prong.**

**Do not use an adapter.**

**Do not use an extension cord.**

**Failure to follow these instructions can result in death, fire, or electrical shock.**

Before you install your KoolR in its final location, it is important to make sure you have the proper electrical outlet.

Outlet (on cool side) power must be a dedicated separately fused grounded 15-Amp 115 Volt line within reach of supplied power cord (Europe; 10-Amp 220 Volt). Line must not be shared. Do not use extension cords.

Electronics must be protected against sudden power surges. Use a quality surge protector.

Recommended grounding method:

A 115 Volt, 60 Hz., AC only, 15 fused, grounded electrical supply is required. Use an outlet that cannot be turned off by a switch. Do not use an extension cord.

**NOTE:** Before performing any type of installation, cleaning, or maintenance, unplug the KoolR or disconnect the power.

Do not use if power cord is damaged; it must be replaced by the manufacturer or by a qualified person to avoid a hazard. Plug must remain accessible after installation.

Test line voltage before operating, and do not use if line voltage is less than 105V.

## Unpack the KoolR



### Excessive Weight Hazard

Use two or more people to move and install your KoolR. Failure to do so can result in back or other injury.

### Remove the Packaging

- Open box and read the instructions.
- Do not use sharp instruments.
- Dispose of/recycle all packaging materials.

After you remove all of the packaging materials, clean your KoolR , small pieces of packing material might need to be vacuumed out.

## **Inspect for shipping damages**

Report any major damage to: [www.vintagekeeper.com](http://www.vintagekeeper.com)

Cosmetic damages are not covered by the warranty.

## **Test the unit before installation.**

Rest the unit on a horizontal surface for at least two hours for the compressor oil to drain to the bottom of the compressor before power –on.

Before installation run a table top test for at least 10 minutes. Monitor the unit during the test run! The display should light up, the air flow has to start within a minute and the compressor will follow in the next minute. The “warm” side will exhaust warm air and the “cold” side will exhaust cool air.

Record your serial number located on the side of the unit.

## **Prepare your room**

Build the wine cellar or pantry according to the described requirements: Insulated walls and floor, dedicated power, insulated sealed door.

## **Prepare wall cut out for KoolR**

Follow step by step guide on attached template.

## **KoolR installation**





### **Excessive Weight Hazard**

Use two or more people to move and install your KoolR.  
Failure to do so can result in back or other injury.

**⚠ WARNING**



Climb only suitable ladders, with extreme care.

### **Decorative grill and Drain**

Align and insert decorative grille on the warm side.

No tools needed.

Connect drain as indicated on the attached template.

**WARNING!** Improper drain connection or monitoring can cause water damage.

### **Custom Overlay Frame**

**IMPORTANT:**

- KoolR Products is not responsible for addition of molding or decorative panels that would limit in any way the air flow of the unit or create any hazard of any type.

## Cooling unit start-up

### Monitoring requirements

In order to prevent any damages caused by potential overheating, after startup and power failures each unit has to be closely monitored for 12 hours. The koolR products are built with an upper temperature safety limit, that under normal operating conditions will shut down the unit at 72 degrees and the display will blink “AL” (alarm) in case the temperature in the cold room exceeds this value.

In order to allow the unit to cool down your room after plug-in, to a temperature below 72, the Alarm mode is disregarded by the controller in the first 12 hours of operation.

## Cooling unit USE

### Normal Sounds

Your new KoolR may make sounds that your old one didn't make. Because the sounds are new to you, you might be concerned about them. Most of the new sounds are normal. Hard surfaces, such as the flooring and surrounding structures, can make the sounds seem louder. The following describes the kinds of sounds and what may be making them.

- Your KoolR is designed to run more efficiently to keep your food items at the desired temperatures and to minimize energy usage. The high efficiency compressor and fans may cause your KoolR to run longer than your old one. You may also hear a pulsating or high-pitched sound from the compressor or fans adjusting to optimize performance.
- Rattling noises may come from the flow of refrigerant or items stored inside your room.
- As each cycle ends, you may hear a gurgling sound due to the refrigerant flowing in your KoolR.
- You may hear water running into the drain pan.
- You may hear clicking sounds when the KoolR starts or stops running.

## Using the Control

For your convenience, your KoolR control is preset at the factory. When you first install your KoolR, make sure that the control is still preset at 57 degrees.

Adjusting Controls – follow steps on the back of the attached template

The mid-setting indicated in the previous section should be correct for normal usage.

If you need to adjust the temperature, wait at least 24 hours between adjustments and then recheck the temperature. To make the cellar colder, adjust the control to the next lower setting. To make the KoolR less cold, adjust the control to the next higher setting.

## Temperature Display

The controller displays the current temperatures (Fahrenheit or Celsius) of the cellar if not within 3 degrees of the set point. To adjust the temperature settings, see “Adjusting Controls” earlier in this section.

## Wine Racks

Never install racking close to any side or under the cooling unit, to keep the air flow unrestricted. Failure to do so will lead to poor performance.

## Stocking the Cold Room

There is a normal temperature gradient within the cellar. In the vicinity of the cooling unit and in the direct air flow temperatures will be slightly lower. Stock the cellar or pantry accordingly.

**Note:** Only air temperature varies up to 6 degrees during the ON/OFF cycles, but liquid temperatures are not affected by this fluctuation.

## Lighting the Cold Room

**NOTE:** Leaving the light on for an extended period of time will increase the temperature of the room.

## Cooling unit CARE

### Cleaning

**! WARNING**



**Explosion Hazard**  
**Use nonflammable cleaner.**  
**Failure to do so can result in death, explosion, or fire.**

Clean the cooling unit about once a month to avoid buildup of odors and dust.

To clean your KoolR:

1. Unplug KoolR or disconnect power.
2. Remove grille  
Do not use abrasive or harsh cleaners such as window sprays, scouring cleansers, flammable fluids, cleaning waxes, concentrated detergents, bleaches or cleansers containing petroleum products on plastic parts. Do not use paper towels, scouring pads, or other harsh cleaning tools. These can scratch or damage materials.
3. Clean the condenser and evaporator coils regularly. They are located behind the grille and in the front of the cold side. Coils may need to be cleaned as often as every other month. This may help save energy. Use a vacuum cleaner with a brush to clean the coils when they are dusty or dirty.
4. Replace the grille.
5. Plug in KoolR or reconnect power.

### Changing the Fuse

**NOTE:** Be sure to replace the fuse with one of the same size, shape, and Amperage.

To change the fuse:

1. Unplug KoolR or disconnect power.
2. Follow the detailed instructions described at [www](http://www).
3. Plug in KoolR or reconnect power.

## Vacation and Moving Care

### Vacations

If you choose to turn the cooling unit off before you leave, follow these steps.

1. Remove all wine bottles from the room and store them in an alternate location.
2. Unplug the KoolR.
3. Clean the cooling unit. See “Cleaning.”

### Moving

When you are moving your cooling unit to a new home, follow these steps to prepare it for the move.

1. Remove all wine bottles from the cold room.
2. Unplug the cooling unit.
3. Uninstall the cooling unit.



**WARNING**

Note:

Make sure there are no children in the area.

Use helper to remove the cooling unit from the wall. HEVY overhead weight can cause severe injury!

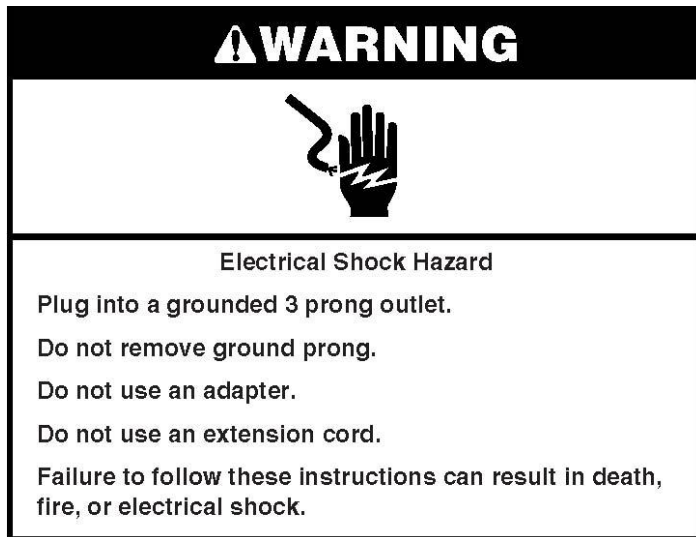
3. Clean, wipe, and dry it thoroughly.
4. Take out all removable parts, wrap them well, and tape them together.

When you get to your new home, reinstall based on this manual and the attached template.

## TROUBLESHOOTING

Try the solutions suggested here first in order to avoid the cost of an unnecessary service call.

### Your cooling unit will not operate



- **Is the power supply cord unplugged?** Plug into a grounded 3 prong outlet.
- Has a household fuse blown, or has a circuit breaker tripped? Replace the fuse with one of the same rating or reset the circuit.

### The LED Display is not on.

- **Is the cooling unit's fuse blown?** Unplug the cooling unit or disconnect power. Follow the steps described in "Changing the fuse"

### The motor seems to run too much

- **Is the temperature outside hotter than normal?** Expect the motor to run longer under warm conditions. At normal temperatures, expect your motor to run about 40% to 80% of the time. Under warmer conditions, expect it to run even more of the time.
- **Is the door opened often?** Expect the motor to run longer when this occurs. In order to conserve energy, try to get everything you need out of the cellar at once, keep wine bottles positioned label side up so that they are easy to find, and close the door as soon as the wine is removed.
- Is the control set correctly for the surrounding conditions?

See "Using the Control."

- **Is the door closed completely?** Push the door firmly shut. If it will not shut all the way, see "The door will not close completely" later in this section.
- **Are the coils dirty?** This obstructs air transfer and makes the motor work harder. Clean the coils. See "Cleaning."

## Temperature is too warm

- **Is the room and floor insulated as required ?** Assure minimum R20!
- **Is the door opened often?** Be aware that the KoolR will warm when this occurs. In order to keep the room cool, try to get everything you need out of the room at once, keep wine bottles positioned label side up so that they are easy to find, and close the door as soon as the wine is removed.
- Is the control set correctly for the surrounding conditions? See “Using the Control.”
- **Is the grille blocked?** Do not install the unit under any circumstances and do not place any objects that may obstruct the free air flow on either side of the cooling unit.

## There is interior moisture buildup

- **Is the door opened often?** To avoid humidity buildup, try to get everything you need out of the KoolR at once, keep wine bottles positioned label side up so that they are easy to find, and close the door as soon as the wine is removed. When the door is opened, humidity from the room air enters the KoolR. The more often the door is opened, the faster humidity builds up, especially when the room itself is very humid.
- **Is it humid?** It is normal for moisture to build up inside the KoolR when the air is humid.
- **Is the control set correctly for the surrounding conditions?** See “Using the Control.”
- **Is the floor sealed and insulated?** Un-insulated floors will radiate heat and humidity during summer months, forcing the unit to work much harder than necessary, WILL shorten the life of the unit, AND WILL PRODUCE EXCESS CONDENSATION.

## The door will not close completely

- Align the door to eliminate any air leaks.
- **Is the door gasket sticking?** Clean the gasket and the surface that it touches. Rub a thin coat of paraffin wax on the gasket following cleaning

# ⚠ WARNING



## Explosion Hazard

Use nonflammable cleaner.

Failure to do so can result in death, explosion, or fire.

## ASSISTANCE OR SERVICE

Before calling for assistance or service, please check “Troubleshooting.” It may save you the cost of a service call.

See “**TROUBLESHOOTING GUIDE**” on the attached template

If you still need help, follow the instructions below.

When calling, please know the purchase date and the complete model and serial number of your appliance. This information will help us to better respond to your request.

### **If you need replacement parts:**

If you need to order replacement parts, we recommend that you only use factory specified replacement parts. Factory specified replacement parts will fit right and work right because they are made with the same precision and quality as all

KoolR® products.

To order factory specified replacement parts visit us online at: [www.koolr.com](http://www.koolr.com)

Or call us toll free in USA and Canada at: 1-888-274-8813

Our web site provides assistance with:

- Features and specifications on our full line of products
- Installation information
- Use and maintenance procedures
- Accessory and repair parts sales
- Specialized customer assistance will handle every warranty claim online.

For further assistance

If you need further assistance, you can write to [www.koolr.com](http://www.koolr.com)

Please include a daytime phone number in your correspondence.

### **Accessories**

To order accessories, please place your order on line at [www.koolrr.com](http://www.koolrr.com)



# KoolR WARRANTY

## LIMITED WARRANTY

For one year from the date of purchase, when this major appliance is operated and maintained according to instructions attached to or furnished with the product, Vintage Keeper will pay for factory specified parts and repair labor to correct defects in materials or workmanship that existed when this major appliance was purchased. Service must be provided by Vintage Keeper. **YOUR SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR OR REPLACE AS PROVIDED HEREIN.** This limited warranty is valid only in the United States or Canada and applies only when the major appliance is used in the country in which it was purchased. Proof of original purchase date is required to obtain service under this limited warranty.

Warranty service is offered through our web site: [www.koolr.com/support.html](http://www.koolr.com/support.html)

**ITEMS EXCLUDED FROM WARRANTY** This limited warranty does not cover:

1. Replacement, parts or repair, if this major appliance is used for other than normal, single-family household use, or when it is used in a manner that is inconsistent to published user or operator instructions and/or installation instructions.
2. Service calls to correct the installation of your major appliance, to instruct you on how to use your major appliance, to replace or repair house fuses, or to correct house wiring or plumbing.
3. Service calls to repair or replace fuses. Consumable parts are excluded from warranty coverage.
4. Damage resulting from accident, alteration, misuse, abuse, fire, flood, acts of God, improper installation, installation not in accordance with electrical or plumbing codes, or use of products not approved by Wine & Pantry.
5. Cosmetic damage, including scratches, dents, chips or other damage to the finish of your major appliance, unless such damage results from defects in materials or workmanship and is reported to Vintage Keeper within 30 days from the date of purchase.
6. Any food or medicine loss due to cooling product failures.
7. Pickup and delivery. This major appliance is intended to be repaired at Vintage Keeper factory.
8. Repairs to parts or systems resulting from unauthorized modifications made to the appliance.
9. The removal and reinstallation of your major appliance.
10. Replacement parts or repair labor on major appliances with original model/serial numbers that have been removed, altered or cannot be easily determined.

**DISCLAIMER OF IMPLIED WARRANTIES IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR OR THE SHORTEST PERIOD ALLOWED BY LAW.** Some states and provinces do not allow limitations on the duration of implied warranties of merchantability or fitness, so this limitation may not apply to you. This warranty gives you specific legal rights, and you also may have other rights that vary from state to state or province to province.

**LIMITATION OF REMEDIES; EXCLUSION OF INCIDENTAL AND CONSEQUENTIAL DAMAGES YOUR SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR AS PROVIDED HEREIN. VINTAGEKEEPER SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.** Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so these limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you also may have other rights that vary from state to state or province to province.

If outside the 50 United States and Canada, contact your authorized Vintage Keeper dealer to determine if another warranty applies. If you think you need repair service, first see the “Troubleshooting” section of the Use & Care Guide. If you are unable to resolve the problem after checking “Troubleshooting,” additional help can be found by checking our web site’s support section. [www.koolr.com](http://www.koolr.com)

Keep this book and your sales slip together for future reference. You must provide proof of purchase or installation date for in-warranty service.

Write down the following information about your major appliance to better help you obtain assistance or service if you ever need it. You will need to know your complete model number and serial number. You can find this information on the model and serial number label located on the product.

Dealer name \_\_\_\_\_  
Address \_\_\_\_\_  
Phone number \_\_\_\_\_  
Model number \_\_\_\_\_  
Serial number \_\_\_\_\_  
Purchase date \_\_\_\_\_

# WARRANTY REGISTRATION

You can register on-line at [www.koolr.com](http://www.koolr.com) or by fax: 905-362-1394

First Name	Last Name	
Address		
City	State/Province	Zip/Postal Code
Phone: Bus. <input type="checkbox"/> Res. <input type="checkbox"/>	Fax	
E-mail		

* Serial Number ( Required ) LOCATED ON THE LEFT SIDE OF COOLING UNIT	
<input type="text"/>	
Date of Purchase:	Purchased From:
Day <input type="text"/> Month <input type="text"/> Year <input type="text"/>	<input type="text"/>

How did your unit appear to have been handled during shipping? Beaten to death by pros <input type="checkbox"/> Only slight damage <input type="checkbox"/> Roughly but seems OK <input type="checkbox"/> Gently as can be <input type="checkbox"/>
How would you describe the process of installing your unit? Very easy <input type="checkbox"/> Not too bad <input type="checkbox"/> Complicated and difficult <input type="checkbox"/> Virtually impossible <input type="checkbox"/>
How would you rate the installation manual? Very helpful <input type="checkbox"/> Better than some <input type="checkbox"/> Dull and boring; little help <input type="checkbox"/> Terrible; no help at all <input type="checkbox"/>
How do you find your unit's noise level? Deafening <input type="checkbox"/> tolerable <input type="checkbox"/> Quiet <input type="checkbox"/> Puts me to sleep <input type="checkbox"/>
How satisfied are you with unit's performance? Excellent <input type="checkbox"/> Satisfied. Period. <input type="checkbox"/> A little disappointed <input type="checkbox"/> Bitter <input type="checkbox"/>
How would you rate the overall design and appearance of the Cellar? Excellent <input type="checkbox"/> Attractive <input type="checkbox"/> Could be better <input type="checkbox"/> Below Par <input type="checkbox"/>
How would you rate the overall value of the Cellar? Outstanding Value <input type="checkbox"/> Good Value <input type="checkbox"/> Okay <input type="checkbox"/> Not worth the money <input type="checkbox"/>
Where is your unit located? Dining room <input type="checkbox"/> Kitchen <input type="checkbox"/> Rec room <input type="checkbox"/> Basement <input type="checkbox"/> Hall <input type="checkbox"/> Bedroom <input type="checkbox"/> Other <input type="checkbox"/> Specify: _____
Any suggestions for changes or improvements?