

# VECTOR®

## Super Console Travel Cooler™



**NOW WITH  
THERMOSTATIC  
CONTROL**

### **OWNER'S MANUAL & WARRANTY INFORMATION**

THIS MANUAL CONTAINS IMPORTANT INFORMATION REGARDING SAFETY, OPERATION, MAINTENANCE AND STORAGE OF THIS PRODUCT. BEFORE USING, READ AND UNDERSTAND ALL CAUTIONS, WARNINGS, INSTRUCTIONS AND PRODUCT LABELS, FAILURE TO DO SO COULD RESULT IN INJURY AND/OR PROPERTY DAMAGE.

## **IMPORTANT SAFETY INFORMATION**

- This unit will not automatically shut off when battery voltage is low. It can drain a battery if left unattended for long periods of time.
- This cooler warmer is not approved for medical use.
- Periodically check the temperature of the food storage compartment to make sure the unit is operating properly. Do not eat or drink spoiled food.
- Route power cord so that safety is ensured. Do not crush, cut or abrade power cord. Do not drape the cord over sharp edges. Do not allow doors to close on power cord. Route the power cord so that it cannot trip anyone or interfere with vehicular controls. If cord becomes worn or damaged, discontinue use and call Vector® Customer Service department for authorized repair.
- This unit is intended for use with a 12 volt DC power source that can provide at least 4 amperes of current. Center conductor positive (+). DO NOT attempt to use with any other power source.
- NEVER operate unit in a small enclosed space. ALWAYS ensure that there is adequate ventilation and free flow of air around the unit, so that air is moved by the dissipation fan.
- When operating the unit in a vehicle or boat cabin, adequate ventilation must be provided by an air conditioning system or open window. In a car with windows up, air temperatures can reach 150 degrees F.
- This unit is intended for portable use only; it is not designed to be built-in or recessed - this would interfere with the unit's air dissipation system, and could cause a fire or other safety hazard.
- Never allow the Super Console to be immersed in water or other liquid. This will void the warranty.

## **INTRODUCTION**

Thank you for choosing the Vector Thermostatically controlled Thermoelectric Travel Cooler Super Console. The Super Console, is the most advanced, state of the art unit in the marketplace today. Please read this manual carefully before product use to ensure best performance and to avoid damage to the unit or to the connected power source.

The Travel Cooler Super Console is compact, lightweight, and portable. It provides convenient, storage for cold or hot beverages and foods, making conventional insulation-only coolers, thermal bottles, thermal jars and insulated chests obsolete. Further, advanced technology thermostatic control automatically adjusts cooling or heating operation to compensate for ambient (surrounding) temperature changes. When the food storage compartment reaches desired temperature, it essentially shuts down, saving energy. This means that when the unit is operated from battery power, extended operating time can be achieved. When the unit senses a change in internal temperature it automatically resumes cooling or heating whatever is required to reach the thermostatically set temperature.

### **FOR EXTENDED USE:**

No need for a refrigerator or stove. Simply plug the Super Console into vehicle's 12 volt DC accessory outlet to keep food at the proper temperature. No more digging around in melting ice and water for soggy foods and dripping drinks, no need for ice, or dry ice. Ideal for use in a:

- Car
- Truck or SUV

- RV, mobile home, camper
- Boat
- Home or Hotel - use with Vector's VEC002 AC/DC Converter.

## FOR SHORT-TERM USE:

When you have to leave the vehicle in the parking lot at the beach, park, campsite, stadium or ballpark, simply plug the Travel Cooler Super Console into a reliable cordless, rechargeable power supply, such as the listed Vector® cordless, rechargeable jump-starter or 12 volt DC power supply. Minimum operating time for fully charged batteries is in parenthesis. The current series of cordless rechargeable jump starters and battery packs includes models VEC016 (2 hrs), VEC018 or VEC018AC (1 hr), VEC019 (1.5 hrs), VEC020 (3.5 hrs), VEC021, VEC028 or VEC029 (5 hrs).

**NOTE:** When used with a cordless, rechargeable jump-starter power supply, a full-charge on the battery is recommended for maximum run time.

## COMPLETELY PORTABLE

Take the Travel Cooler Super Console with you wherever you go, to keep cold or hot food and drinks at just the right temperature. Ideal for use:

- At the office, for lunches and snacks
- In a hotel, as a personal mini-fridge
- On the road, for refreshments on long journeys
- On camping and day trips, for cold or hot food and drinks
- At tailgate parties for cooked dishes, snacks or drinks
- At the beach, picnics or barbecues, for cookout supplies - keeps meats and condiments cool or prepared dishes hot

## FOR BEST RESULTS:

Vector's thermostatically controlled thermoelectric Cooler/Warmer cools like a refrigerator and warms like an oven. For best performance, plug in the unit for approximately 30 minutes before loading with food to give it time to warm up or cool down. Always try to fill your unit with food at the desired storage temperature (pre-chilled or preheated), as the unit will always perform at its best when you do this. Generally, your unit will cool down to as much as 40 degrees below the surrounding air temperature. For example, in a room where a temperature of 80 degrees F is sustained, and the thermostat fully set to cool, the unit will cool to approximately 40 degrees F. To ensure optimum performance, always keep the unit out of direct sunlight when running on the cold cycle. When the thermostat is set to run on the warm cycle, it will warm to a maximum of 120 degrees F. On cold days, the unit will need more time to reach the maximum warm temperature. To promote your unit's cooling capacity on very warm days, try reusable frozen ice packets. These are particularly helpful in keeping your unit cold while it is not powered. Contact Technical Support at 954-584-4446 or toll free at 866-584-5504 for further information.

## COOLER

- Beverages - soda, beer, wine, juice, milk, iced tea or coffee, shakes, thirst quenchers, water and more - in cans, bottles, cartons, pouches, sport bottles, etc.
- Foods - salads, sandwiches, deli meats, hamburgers, hot dogs, meat or fish, buns, condiments and dips, fresh vegetables, etc.
- Snacks and desserts - candy, chocolate, cookies, fruit bars, puddings, fruit and yogurts, etc.

## WARMER

- Beverages - hot coffee and tea, cocoa, milk, baby food, etc.
- Foods - leftovers, pre-packaged/pre-heated meals, take-out foods, soups, covered dishes, stews, casseroles, etc.

## FEATURES:

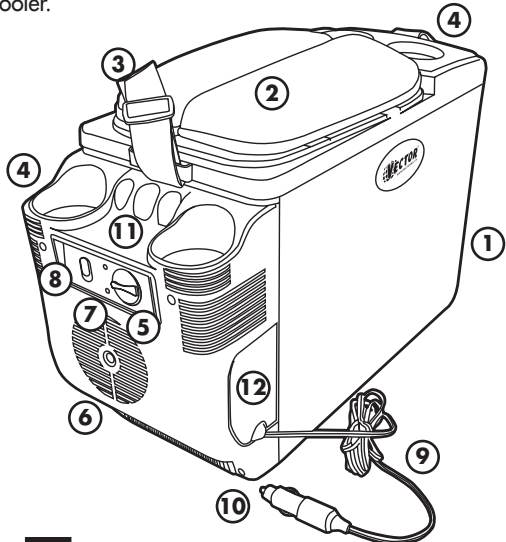
- Compact, lightweight, completely portable - use with vehicle or boat's 12 volt DC accessory outlet, or appropriate 12 volt DC cordless rechargeable power supply (jump starter or battery pack).
- Non-wearing thermoelectric system cools to maximum of 40 degrees F or 40 degrees F below surrounding air temperature or warms to approximately 120 degrees F.
- Thermostatic control allows any temperature setting within the above temperature range.
- Highly efficient - automatically turns off power to thermoelectric module and fans when desired temperature is reached. This allows longer run time on battery power.
- Use with standard household containers or ready-to use packaging.
- Rests on vehicle seat, between bucket seats or floor for easy access.
- Extra-long, 7-foot, 12 volt DC power cord with accessory outlet plug; equipped with built-in 10-amp fuse to protect the unit and power source.
- Convenient, adjustable, detachable shoulder strap for easy portability.
- Durable, weather resistant construction and easy-access split lid.
- Environment-friendly CFC-free polyurethane liner.
- Cold/heat transfer to foods via temperature-efficient liner.
- Built-in heat dissipation fan with long-life, brushless motor.
- ON/OFF sliding power switch.
- COOL to WARM rotating dial thermostatic automotive style temperature control.
- Built-in LED "cool" and "warm" indicators to show power and operation.
- Built in coin holders conveniently stores stacks of dimes, quarters and nickels
- Separate food compartment circulation fan for even temperature distribution.

## USING THE TRAVEL COOLER/WARMER

The cooler/warmer takes time to cool down or warm up. Allow the food storage compartment to either pre-cool (decrease temperature) or pre-heat (increase in temperature) for 30 minutes before placing cold (or hot) food in the cooler.

**FIGURE 1**

1. Compact, lightweight construction
2. Easy access padded split Lid
3. Adjustable, Detachable Shoulder Strap
4. Built-in Cup Holders
5. Thermostat Control
6. Built-In Air Dissipation Fan
7. Cool/Warm LED Indicators
8. ON/OFF Power Switch
9. Extra-Long 7 Foot Power Cord
10. DC Plug (10 Amp Fuse Protected)
11. Built-in Coin Holders
12. Power Cord Hatch



The temperature control operates much the same way a vehicle's air conditioning temperature control works. In other words, the control sets the system to cool or heat depending on the position of the control. The system is not calibrated in degrees but will hold a steady temperature once pre-cool or pre-warm is achieved. Adding food at a different temperature than the inside of the cooler will cause the cooler to automatically cool or heat to maintain the control setting. The control also automatically adjusts for changes in accessory socket voltage and surrounding area temperature changes.

*Connecting to a vehicle's 12 volt DC accessory outlet, for extended use:*

1. Make sure that the unit's ON/OFF switch is in the OFF position.
2. Start vehicle, or turn ignition to "accessory" position.
3. Insert the DC plug into the vehicle or power source 12 volt DC accessory outlet.
4. Switch the cooler ON.
5. Turn the COOL to WARM thermostat knob to set the internal temperature.
6. Either the "cool" or "warm" LED will light to indicate power is on and the unit is working to cool or warm the food compartment.
7. After one half hour, put items into the cooler and close the lid. Do not overstuff the cooler or keep the lid from closing.
8. Keep cooler lid closed during operation and reclose it quickly when adding items to it or removing items from it. The split lid minimizes changes in storage compartment temperature when the lid is opened.
9. After use, turn the ON/OFF switch to the OFF position and empty the cooler.
10. Disconnect the power cord from the vehicle accessory outlet and place it in the cord hatch.
11. Clean unit as described in the Care & Maintenance section of this manual.
12. Store in a cool, dry area out of direct sunlight.

### **CAUTIONS:**

- The cooler takes about 30 minutes to reach its maximum cool or warm temperature depending on the outside surrounding air temperature. It is recommended that items to be placed in the food storage compartment be at the temperature you wish the food to be kept. This will assist the cooler/warmer in reaching and maintaining the desired temperature as quickly as possible.
- The cooler will continue to operate as long as the vehicle battery provides power and the ON/OFF switch is ON. When the thermostat set temperature is reached, the thermoelectric module and dissipation fan will stop operating, but either the cool or warm LED will remain ON.
- If the vehicle engine is turned off, the cooler will continue to draw power (at up to 3.5-amps or 45-watts) from the vehicle battery. It is recommended to start the vehicle every five hours to avoid deeply discharging the vehicle's battery.
- If the engine is switched off for longer periods (overnight), it is important to disconnect the cooler from the accessory outlet to avoid draining the vehicle's battery.

### **WARNINGS:**

1. Food will stay cool for some time after the unit is disconnected or turned off, but food storage temperature will change to that of the surrounding air.
2. Observe common sense hygiene rules, as with any cooling unit. Do not eat or drink perishable items that may have spoiled or become contaminated without proper temperature control.

## **CONNECTING TO A PORTABLE 12 VOLT DC POWER SUPPLY, FOR USE AWAY FROM VEHICLE**

- Make sure that the unit's ON/OFF switch is in the OFF position
- Insert the 12 volt DC socket into the portable power supply

Set thermostat for cooling or warming function. Allow the empty Super Console to reach proper temperature before placing food in the storage compartment. OBSERVE ALL CAUTIONS AND WARNINGS.

## CONNECTING TO AN AC TO DC (12V) CONVERTER

See Figure 2 for VEC002 Converter.

- Plug converter's (VEC002) power cord into standard 120 Volt 60 HZ outlet
- Make sure that unit's ON/OFF switch is in the OFF position
- Insert the 12 Volt DC socket into AC/DC power adapter. Set thermostat for cooling or warming function. Allow the empty Super Console to reach proper temperature before placing food in the storage compartment.

OBSERVE ALL CAUTIONS AND WARNINGS.

**FIGURE 2**  
**DC SOCKET**

**POWER CORD**



## FUSE REPLACEMENT

The power cord is fuse-protected against short-circuiting by a 10-amp fuse located in the tip of the 12 V DC accessory plug. If the DC socket is powered, but the unit does not operate, then the cooler/warmer fuse may be open. See Figure 3.

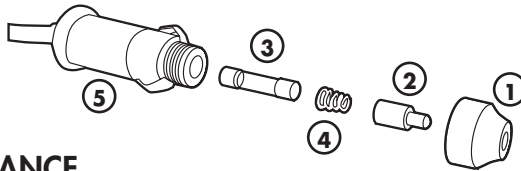
*To inspect or replace the DC Power Cord Fuse:*

1. Unscrew the flange of the 12 V DC power cord plug.
2. Remove fuse, inspect it for an open element, and replace with a new 10-amp fuse, if needed.
3. Reattach the flange to the plug.
4. If new fuse opens, call Vector Customer Service Department for further instructions and possible return/replacement. This unit is not user-serviceable, it must be returned to Vector

Manufacturing for professional service or repair. Any attempt to service by user will void warranty.

**FIGURE 3**

1. Flange
2. End Contact
3. Fuse
4. Spring
5. Plug Body



## CARE AND MAINTENANCE

The Travel Cooler Super Console is ruggedly constructed to provide years of dependable service.

1. After each use, clean the unit, inside and out, with a soft cloth and mild soap solution.
2. Do not scrape, scratch or puncture the surface of the cooler with sharp objects or abrasives.
3. Dry the unit properly and store in a cool, dry place.
4. Always make sure the power cord is disconnected before storing.
5. Never allow the cooler/warmer to be immersed in liquid.

## TROUBLESHOOTING:

This unit is not user-serviceable. It must be returned to Vector Manufacturing for professional service or repair. Any attempt to service unit by user will void warranty, please contact Vector Technical Support at 866-584-5504.

1. *Travel Cooler Super Console is not functioning as cooler or warmer (fan is not turning):*
  - Accessory outlet of DC power supply is not functioning— check by plugging in a 12V DC appliance. If not, clean accessory outlet and reconnect the Super Console
  - Fuse or circuit breaker in accessory outlet is open— Reset breaker or check fuse, and replace fuse if necessary.
  - Ignition is switched off—

- start engine or switch ignition to "accessory" position.
  - *Fuse in unit's power cord is blown*— see Fuse Replacement section for location of fuse and instructions for checking and replacing fuse.
2. *Unit is not cooling or heating properly (fan is not turning, but power is applied and thermostat set to full cool or full warm)*—
    - Dissipation fan is defective. Call Vector Customer Service Department for return/replacement instructions.
  3. *Cooler/warmer is not cooling or heating, but fan is turning*—
    - Thermoelectric module is defective. Call Vector Customer Service Department for return/replacement instructions.
  4. *Travel Cooler Super Console takes longer than 30 minutes to reach desired food compartment temperature*—
    - Low battery or supply voltage. Unit will attain desired temperature more efficiently if items are pre-heated or pre-chilled.
  5. *Fan area is blocked*—
    - Move unit or object

## **SPECIFICATIONS:**

Capacity .....	17 Liter / 4.5 Gallons (US)
Power Supply .....	Nominal 12 volt DC (11.5 to 14.5 VDC)
Power Cord .....	7', 12 V DC fused (10 Amp plug)
Amperage draw .....	3.5 Amperes (approx. 45-watts)
Cooling Performance .....	Cools down to as much as 40 degrees F or 40 degrees F below surrounding air
Warming Performance.....	Warms to 120 degrees F
High Temperature Limit .....	Automatic ON/OFF at 120 degrees
Cold/Heat Transfer.....	Temperature-efficient liner
Insulation.....	CFC-free polyurethane liner
Heat Dissipation .....	Built-in fans with long-life, brushless motors
Warm/Cool System.....	Non-wearing thermoelectric
Width .....	9 in. (22.86 cm)
Length .....	20.5 in. (52.07 cm)
Height .....	14.4 in. (36.4 cm)
Weight .....	12.4 lbs (5.62 kg)