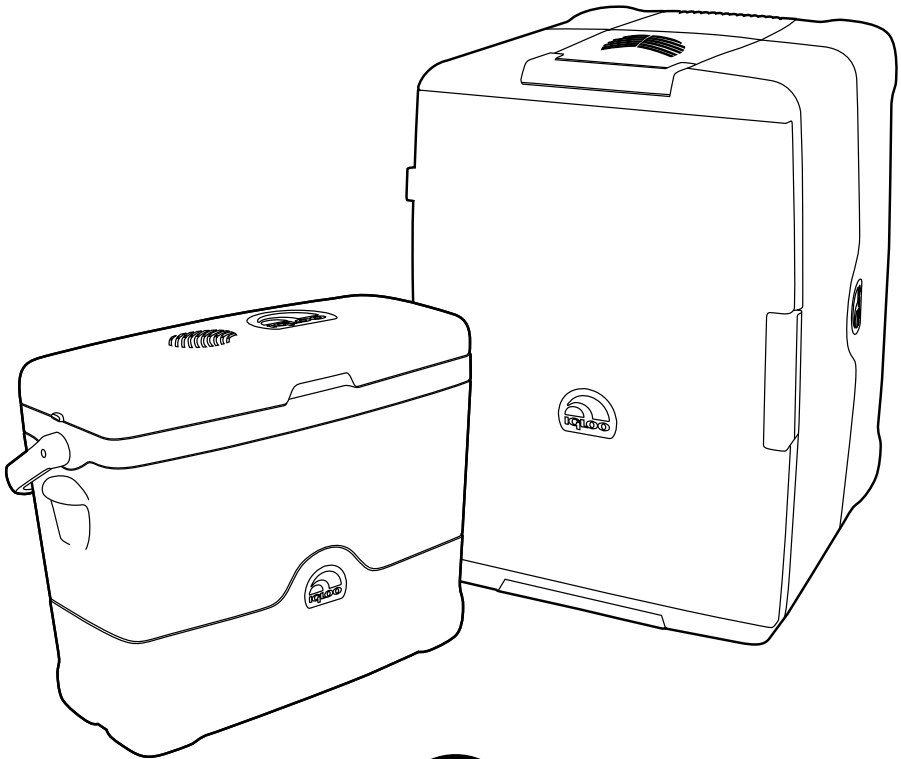


# Cool Chill™

## Thermoelectric Coolers

### Owner's Operating Manual

This manual contains important information regarding safety, operation, maintenance and storage of this product. Before use, please read and understand all cautions, warnings, instructions and product labels. Failure to do so could result in injury and/or property damage.



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



# ***Important Safeguards***

**Read all instructions carefully  
before using your Cool Chill™.**

**Save these instructions for future reference.**

**When using electrical appliances, to reduce the risk of fire, electrical shock and/or injury to persons, basic safety precautions should always be followed, including the following:**

- 1. To protect against electric shock, do not place cord, plug or Cool Chill™ in water or any other liquid.**
- 2. Do not expose unit to rain. Electric shock could occur if this unit is used on wet surfaces. Do not handle plug with wet hands.**
- 3. Close supervision is necessary when any appliance is used by or near children.**
- 4. Unplug Cool Chill™ from outlet when not in use and before cleaning.**
- 5. Use this product only for its intended use as described in this manual. Only accessories or attachments recommended by Igloo should be used.**
- 6. Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been damaged in any manner. Return appliance to an authorized service facility for examination, repair or adjustment.**
- 7. To reduce the risk of fire or electrical shock, do not remove any service covers. Only authorized personnel should repair the Cool Chill™.**

## Safety Precautions:

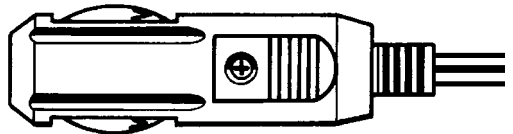
Failure to follow these precautions may result in fire, electrical shock and/or injury to persons.

### Cool Chill™ Cooler

- Do not operate the Cool Chill™ outside of your vehicle, home or office while connected to power. Keep the unit out of rain to prevent water from entering the air vents and motors.
- Never use extension cords with the Cool Chill™.
- Use only the Cool Chill™ DC power cable with a DC power source (vehicle 12V, such as cigarette lighter). Never attempt to connect the Cool Chill™ to AC current without the use of the optional Igloo AC converter. Use of non-approved DC cables or AC converters may hinder the unit's performance and will void its warranty.
- Do not use ice in the Cool Chill™ cooler. Never fill the Cool Chill™ with liquids that aren't sealed in containers. If liquids get into the fan and motors, they can cause corrosion and impaired unit performance.
- Always ensure that the Cool Chill™ cooler is operating in an area with adequate ventilation. Never cover the air vents, air intake or fan areas of the cooler with any objects. Never operate the Cool Chill™ in an enclosed area or car trunk/boot. Never sit on the Cool Chill™ thermoelectric cooler.
- Avoid contact with interior moving or metal parts while the cooler is in use. Electrical shock or burns may result.
- Always unplug the power source before cleaning the Cool Chill™.
- Do not spray liquid cleaner, water or other substances into the air vents.
- Maintain the Cool Chill™ unit in a clean environment with good air flow. Avoid pet hair, dirt or dust that may impair the unit's operation and void its warranty.
- Do not place any part of the Cool Chill™ into a dishwasher.
- Do not build the Cool Chill™ into a cabinet, counter or other area unless adequate ventilation is available.
- Always use proper lifting techniques when transporting the Cool Chill™ filled with food and beverages. When possible, empty contents from the Cool Chill™ before lifting or moving.
- Avoid dropping the Cool Chill™ thermoelectric cooler, as this could cause damage to the internal electronic components.
- Caution - Hold lid when loading or unloading cooler.



Replaceable 8A fuse  
CE/GS/UL/CSA 8A/250V



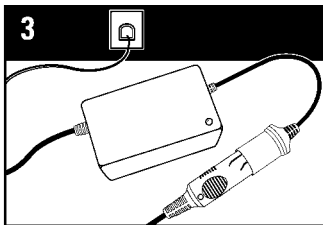
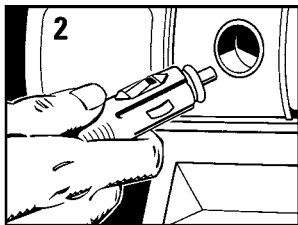
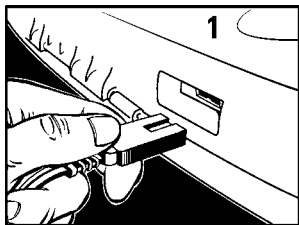
### DC Operation

- When operating in the DC mode, the Cool Chill™ will not automatically shut off when the vehicle battery voltage is low. This can drain a battery if left unattended for long periods of time.
- Do not operate the Cool Chill™ for more than two hours when the vehicle engine is off. On average, these coolers draw between 3.5 amps to 5.5 amps of electricity per hour. While an average vehicle battery is rated at 48-60 amps/hr., age will affect its performance. The unit can be operated continuously while the vehicle is running.
- If the engine is switched off for long periods (overnight), it is important to unplug the Cool Chill™ from its power source to avoid battery drain.
- If the Cool Chill™ is run from a secondary battery, periodically have the battery checked for available amps.

### Power Cord/Plug

- When turning off the Cool Chill™, never pull the cord to disconnect from the power source. Always hold the plug – not the cord – then gently pull to disconnect. Avoid touching the tip of the DC plug, as it may be hot.
- Do not cut the power cord or modify it in any way. Doing so may cause fire or shock and will invalidate the warranty.
- Only use the Igloo power cord supplied with the Cool Chill™. Failure to do so may cause fire or shock and will invalidate the warranty.
- Should the 8-amp fuse in the DC cable require replacement: unscrew the tip of the plug; remove the used fuse; insert the new fuse; and reattach the tip of the plug. Never use greater than an 8-amp fuse and ensure that the fuse is approved by the appropriate electrical certification agencies in the country of use.
- Do not allow the cord to become tangled or crimped by heavy objects.
- To order replacement cords, go to [www.igloo-store.com](http://www.igloo-store.com).

**WARNING:** The Power Cord on this product contains lead, a chemical known to the State of California to cause [cancer, and] birth defects or other reproductive harm. Wash hands after handling.



## 12V DC Power Operation

### Thermoelectric Coolers

1. Remove the DC power cable from inside the thermoelectric cooler.
2. Locate the plug receptacle on the Cool Chill™ unit and insert one end of the DC cable into the cooler receptacle (Figure 1).
3. Plug the other end of the power cord into your vehicle's cigarette lighter (Figure 2). For the best contact, be sure that your cigarette lighter is free of debris and corrosion.
4. Your Cool Chill™ thermoelectric cooler can also be used with household current by plugging the DC cable into an optional Igloo AC converter (Figure 3).

## Typical Operating Characteristics

Thermoelectric units cool like a refrigerator. If a cold drink or food is put into a cold refrigerator, it will stay cold. But if a warm drink or food is put into a refrigerator, it will take time for the item to reach the lower temperature desired. Likewise, the Cool Chill™ unit will always perform at its best when it is filled with food or beverages which have been prechilled. For maximum cooling performance, plug in the thermoelectric cooler and let it cool down for approximately 3 hours before filling it with food and beverages. Cool Chill™ thermoelectric coolers do not have a thermostat, therefore it is normal for the units to run continuously without shutting off at a predetermined temperature. This means that their cooling ability is affected by the air temperature around them. For example, where a constant room temperature of 24°C (75°F) is maintained, the unit will cool to approximately 3°C (37°F). Typically, Cool Chill thermoelectric coolers will cool to 21°C (38°F) below the ambient temperature. To ensure optimum cooling performance, always keep your unit out of direct sunlight.

Foods and beverages will continue to stay cool after the Cool Chill™ is disconnected, but the food storage temperature will change over time to that of the surrounding air. Observe common-sense hygiene rules. Do not eat or drink perishable items that may have spoiled or become contaminated as a result of improper temperature control.

It is normal for thermoelectric coolers to collect condensate inside the unit, especially when operated in high ambient temperatures or humid environments. This is not a malfunction. Droplets can be wiped from the unit with a dry, clean cloth.

## 120V/230V AC Power Operation

### Thermoelectric AC/DC Coolers

Igloo's optional 110/120-volt (U.S. and Canada) or 220/240-volt (Europe) AC internal power supply transforms 110-volt or 230-volt AC power to 12-volt DC current so that your Cool Chill™ can operate on standard household power (Figure 3).

1. Remove the AC converter from its box (may be inside cooler).
2. Insert the plug end of the DC power cable into the round cylinder (adapter socket) of the AC converter cord.
3. Insert the plug end of the AC converter into any 110-volt (U.S. or Canada) or 230-volt (Europe) household AC outlet. Do not use any other method of connecting your unit to AC current. Fire or shock may occur.

## Maintenance Procedures

1. Keep the power cord and cigarette lighter socket clean at all times. Tobacco particles in the socket or on the plug can adversely affect cooler performance.
2. Before cleaning the Cool Chill™ cooler, be certain it is disconnected from all power sources. Wipe the inside of the cooler clean with a warm, damp cloth. No not use harsh or abrasive cleaners. A mild soap or baking soda solution is typically sufficient for this purpose.
3. To clean the air vents of dust, ensure that the Cool Chill™ cooler is disconnected from all power sources. Remove dust by gently cleaning with a soft brush or use a vacuum cleaner.
4. Should the 8-amp fuse in the DC cable require replacement: unscrew the tip of the plug; remove the used fuse; insert the new fuse; and reattach the tip of the plug.

## Troubleshooting Guide

Symptom Observed	What To Do
Unit is Not Cooling Properly	Ensure that air vents are not blocked, remove any obstructions.
	Ensure that unit is not sitting in direct sunlight, move to shady place.
	Ensure that unit is no too close to a wall or in an enclosed place, move to open area with adequate ventilation.
Unit Does Not Run	Ensure that cord is firmly plugged into power source.
	8-amp fuse in DC cable may need replacement – refer to item #4 in Maintenance Procedures section.
Cord Gets Hot In the Socket	Check for dirt, corrosion or tobacco particles in the socket. Clean/remove debris to ensure snug fit of plug into socket.

## Technical Specifications

<b>DC USE:</b>	
Voltage:	12-volts DC (11 volts minimum, 14 volts maximum); 10% residual ripple maximum allowance
Amperage:	+/- 10% for cooling
Current Draw:	6 amps maximum at 12-volt DC
Refrigeration System:	Thermoelectric solid heat pump
Temperature Range:	Cools to 21°C (38°F) below ambient temperature
Insulation:	Ulthatherm® (polyurethane foam)
Fan Motors:	12-volt DC, dual brushless motors
Working Current, Battery Consumption:	Between 3.5 to 5.5 amps
Fuse in DC Cable	8A fuse
<b>AC USE:</b>	
Voltage	110/120VAC (U.S. & Canada); 220/240v AC (Europe)

## Limited Warranty

Igloo Products Corp. warrants the Cool Chill™ to be free from defects in material or workmanship under normal use and service for two years from the date of original purchase. This warranty is your exclusive warranty and there are no warranties which extend beyond the description on the face hereof. Igloo, in its discretion, shall either repair the product free of charge or provide you with a replacement product if the product proves defective under the terms of this warranty. The warranty is valid for the original retail purchaser and is not transferable. Dealers, service centers, or retail stores do not have the right to change the terms and conditions of the warranty. Igloo is not responsible for incidental or consequential damage resulting from any malfunction. The warranty shall not apply to any unit, or component thereof, which is not returned as stated below and/or which has been: (1) damaged through abuse, misuse or neglect, (2) damaged in an accident, (3) used for any purpose not expressly stated in this manual, (4) repaired or altered in any way, including electronic changes from its original configuration. The product is designed for a 12-volt DC vehicle system and household 110/120-volt (U.S. and Canada) or 220/240-volt (Europe) AC Systems. Any implied warranties including the implied warranty of merchantability are also limited to duration of two-years from the original purchase date. This warranty gives you specific legal rights and you may also have other rights which vary from state to state, province to province, and country to country. Please carefully review the care instructions for proper use and care of the product. Please visit our website at [www.igloocoolers.com](http://www.igloocoolers.com) or [www.igloo-store.com](http://www.igloo-store.com) for more information.

**HOW TO OBTAIN WARRANTY SERVICE: DO NOT RETURN PRODUCT TO THE PLACE OF PURCHASE.** If this product fails due to defects in material or workmanship, you must submit a claim as follows: Call Igloo Products Corp. Consumer Service toll-free at 1-800-364-5566 (U.S.) or 1-800-500-5447 (Canada) for instructions on return of product. In Europe, you should return the defective product to: Igloo GmbH, Gewerbegebiet Märkerwald, Königsberger Strasse 37-39, 56269 Dierdorf, Germany. **IN ORDER TO OBTAIN WARRANTY PERFORMANCE, YOU MUST RETURN THE PRODUCT, INCLUDING ANY COMPONENTS OR ACCESSORIES, AS INSTRUCTED BY CONSUMER SERVICE, ALONG WITH PROOF OF PURCHASE AND A BRIEF DESCRIPTION OF THE NATURE OF THE DEFECT.**



Designed in the U.S.  
Manufactured in China  
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