POWER CHILL™
ICELESS 12-VOLT COOLER

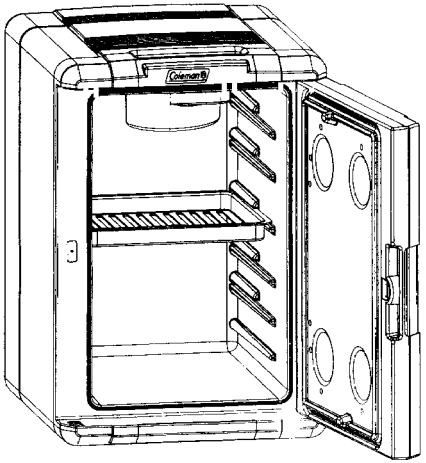
INSTRUCTIONS FOR USE
MODEL NO. 5640B, 5641, 5642

Read all instructions and warnings prior to using this Coleman® product.

GLACIÈRE SANS GLACE 12 VOLTS
POWER CHILL™

MODE D'EMPLOI
MODÈLE 5640B, 5641, 5642

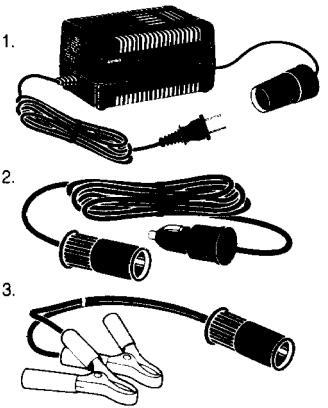
Lisez directives et avertissements avant d'utiliser ce produit Coleman®



ACCESSORIES
ACCESSOIRES

1. **120 Volt AC/12 Volt DC Power Supply,** allows operation of your cooler in your home or in any other weather-protected area where household voltage is available.
   Item No. 5232E640T.
2. **15-foot Extension Cord** (used with your 8-foot power cord), allows operation of your cooler up to 23 feet away from your vehicle's cigarette-lighter receptacle.
   Item No. 2239A750T.
3. **Battery Clips,** allow operation of your cooler from any 12 Volt battery where a cigarette-lighter receptacle is not available.
   Item No. 2239A7701.

1. **Bloc d'alimentation 120 volts c.a./ 12 volts c.c.** – permet de faire marcher la glacière à la maison ou dans tout endroit à l'abri des intempéries, quand le courant alternatif y est disponible.
   Article 5232E640T
2. **Cordon prolongateur de 4,6 m (15 pi)** – à employer avec le cordon de 2,4 m (8 pi) pour utiliser la glacière jusqu'à 7 m (23 pi) de l'allume-cigare du véhicule.
   Article 2239A750T
3. **Pinces de batterie** – pour faire fonctionner la glacière sur batterie de 12 volts quand un allume-cigare n'est pas disponible.
   Article 2239A7701



USING DEEP CYCLE RV/MARINE BATTERIES

Auxiliary 12V deep cycle RV/Marine batteries when used only for operating this cooler, will operate this cooler for several hours before charging is necessary. The following table may be used as a guide to determine maximum hours of operation between charging.

EMPLOI DES BATTERIES À DÉCHARGE PROFONDE POUR VÉHICULES DE PLAISANCE OU BATEAUX

Lorsque uniquement utilisées pour alimenter la glacière, ces batteries auxiliaires de 12 volts feront fonctionner la glacière un certain nombre d'heures avant de devoir être rechargées. Le tableau suivant donne une idée de la durée du fonctionnement entre les recharges.

Battery Rating		Maximum Operating Time in Hours
R.C.[2]	M.C.A.[3]	
140	700	18
180	800	24
210	900	27
390	1625	48

Puissance de la batterie		Durée maximale de fonctionnement
CR[2]	AAD[3]	
140	700	18 heures
180	800	24 heures
210	900	27 heures
390	1625	48 heures

[2]RESERVE CAPACITY is the number of minutes the battery will sustain a 25 ampere output at 80°F [27°C] before dropping below 10.5 volts.

[3]MARINE CRANKING AMPERES is the number of amperes the battery will sustain for 30 seconds at 32°F [0°C] before dropping below 7.2 volts.

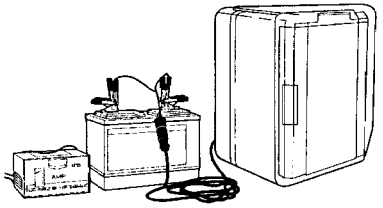
[2]CAPACITÉ DE RÉSERVE: Le nombre de minutes pendant lequel la batterie maintient un rendement de 25 ampères à 27 °C (80 °F) avant de baisser à moins de 10,5 volts.

[3]AMPÈRES AU DÉMARRAGE: Le nombre d'ampères que la batterie peut maintenir pendant 30 secondes à 0 °C (32 °F) avant de baisser à moins de 7,2 volts.

Continuous operation is possible when the cooler is connected to the following power sources:

1. The CIGARETTE-LIGHTER RECEPTACLE of a vehicle with its engine running.
2. A 12-Volt (6 to 10 AMPERE AUTOMATIC) or a 12-Volt (6 AMPERE NONAUTOMATIC) battery charger connected to a 12-Volt battery, see figure 1.
3. A Coleman POWER SUPPLY Model No. 5232E640T connected to a 120-Volt 60Hz wall socket (See accessories section.)

FIGURE 1



PLEASE NOTE: When a vehicle's battery is not being charged (usually when the vehicle's engine is not running), this cooler should not be operated more than about 4 hours. Longer operation will almost always shorten the battery's life in the long term and diminish its starting power in the short term. (See the following section on RV/Marine batteries for battery usage over extended periods of time.)
(PLEASE NOTE: Battery chargers have an AC output that will damage the fan motor and reduce cooling performance. The 12-volt battery in the circuit removes this harmful AC output.)

KEEPING FOODS AND BEVERAGES COLD

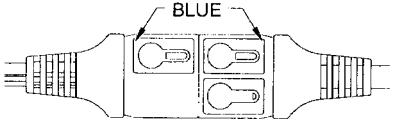


FIGURE 2

1. Connect the POWER CORD LINK with the **BLUE** thermometer symbols aligned, as shown in figure 2.
2. Connect the cooler to one of the power sources previously mentioned.
3. This cooler will not chill foods and beverages as fast as your home refrigerator. Please don't expect it to do so. An empty cooler will cool down in about 3 hours. Warm items placed in the cooler will slow the cooling rate.

1. Thoroughly cook all hot foods – especially meat, poultry, and fish – before placing them in the cooler. **Wrap hot food containers in several layers of newspaper to hold the temperature higher and to prevent burns to yourself and damage to the cooler's interior.**
2. The cooler's internal temperature will seldom exceed 125°F when the surrounding temperature is 25°F or above. At surrounding temperatures below 25°F the cooler temperature will be about 100°F warmer than the surrounding temperature.
3. **WARNING:** To help prevent food poisoning, keep cooked foods at 140°F or hotter. Again, wrapping foods in layers of newspaper helps to hold heat. If the food temperature drops below 140°F for 2 hours, reheat thoroughly before serving.
4. Also, **do not heat sealed containers**. These containers may burst from internal pressure which increases during heating, thereby causing personal injury or damage to the cooler.

CLEANING AND MAINTENANCE

Unplug cooler before cleaning or servicing your cooler.

1. All surfaces may be cleaned with a small amount of dishwashing solution applied with a damp sponge. Do not oversaturate the sponge. Towel dry all water from inside cooler.
2. Tough stains may be removed with an all-purpose liquid cleaner sprayed on the stain and then scrubbed with a plastic scrubber or brush. All liquid cleaners should be removed with a damp sponge.
3. To prevent odors from accumulating in the cooler, leave the lid open for several hours after each use.
4. Defrost your cooler if you notice diminished cooling capability, feel ice buildup on internal fins or notice less air flow through the internal fins. Your cooler may be easily defrosted by following these steps:
    1. remove all items from the cooler
    2. put the cooler in the heating mode
    3. place the cooler in its horizontal position
    4. after about 15 minutes, switch the cooler to the cooling mode
    5. sponge or towel all water from inside the cooler
    6. return items to the cooler.
5. At least once a year remove the front panel and brush any lint and dirt from the fan blades and outside heat sink with a soft bristled brush. Lint on these parts will reduce the cooling and warming ability of the cooler.

    If more thorough cleaning is desired, first remove 1) the fan motor, 2) the terminal block and 3) the power cord. These three items must be kept dry.

    All other parts of the cooler may be cleaned with a sponge or brush and dishwashing solution.

REPLACEMENT PARTS

1. Lid with latch and gasket. Item No. 5640-5501.
2. Module repair kit. Item No. 5640-5211.
3. Fan motor. Item No. 5640A665R.
4. 8-foot power cord. Item No. 5640-3661.
5. Tray. Item No. 5640-2501.
6. Two-piece fan set. Item No. 5640-3721.

If your retailer does not have these items you may purchase them by calling – in U.S.A. **1-800-835-3278 TDD: 316-832-8707** or, in Canada **1 800 387-6161**.
Or you may write to:

The Coleman Co., Inc., P.O. Box 1762
Wichita, KS 67201-0706
Attention: Consumer Service

The Canadian Coleman Co., Ltd.
15 North Queen Street
Toronto, Ontario M8Z 2C6

SPECIFICATIONS[1]

CAPACITY:
Fifty-eight (12) oz. beverage cans or six (2 liter) beverage bottles. 40 U.S. Quarts, 1.34 cu-ft, 37.85 liters inside volume.

DIMENSIONS & WEIGHTS
Average inside dimensions: 15-3/4 x 10 x 12-1/2 tall
Outside dimensions: 21-3/4 x 15 x 17-1/8 tall
Shipping dimensions: 23-3/4 x 17-1/4 x 18-5/8 tall
Empty Weight: 17 lbs.
Shipping Weight: 19 lbs.

POWER REQUIREMENTS
9.5 to 14.4 Volts DC, 4 Amperes @ 12 Volts DC Nominal.

COOLING PERFORMANCE
Cools from 38˚F to 42˚F below the average surrounding temperature. Empty cooler reaches minimum temperature in 3 hours.

HEATING PERFORMANCE
Heats from 110˚F to 140˚F at average surrounding temperature of 25˚F or above. At surrounding temperatures below 25˚F the cooler temperature will be about 100˚F warmer than the surrounding temperature. Empty cooler reaches maximum temperature in 2 hours.

ELECTRICAL EQUIPMENT
8 foot 18 AWG copper power cord with red LED power indication. Reversing power cord link for selecting cooling or heating modes.
Brushless sleeve bearing fan motor.
High temperature cut-out switch.
Thermoelectric Cooling and Heating Module (Peltier Element).

[1]Specifications subject to change without notice.

1 800 835 3278 U.S.A.
1 800 387 6161 CDN

5640A050 (2/98) P.I.