



Owner's Manual

**For models DC0041CR - 3.6 cubic foot, DC electric refrigerators.
For models DC0061CR - 7.0 cubic foot, DC electric refrigerators.**

Special Requirements for Marine Installations:

If the positive (+12/24 volts) input is grounded (by cuts in the wire insulation, incorrectly insulated components, etc.) a voltage potential can be caused throughout the boat, which causes corrosion to form on any metal parts that are exposed to water.

This condition can be avoided by wiring the boat so that the wiring is protected per NNMA CERTIFICATION HANDBOOK (1987). Inspect all wiring to make sure that the insulation is not damaged and use plastic wire clamps.

One reference for more information on corrosion is:

BOAT AND YACHT CORROSION CONTROL
by Yacht Corrosion Consultants, Inc.
2368 Eastman Ave. #6
Ventura, CA 93003

THETFORD - China
Room 1207
Coastal Building (East Block)
Hai De San Dao/ Nanshan
Shenzhen 518059/P.R.China
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Web Site: www.thetford.cn

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THETFORD - China DC Models - Two Year Limited Warranty

THETFORD - China warrants for a period of two (2) years from the date of purchase that THETFORD - China will repair or replace its DC refrigerators.

Limitations of Warranty

1. This warranty is the only warranty for THETFORD - China DC refrigerators. This warranty does not cover glassware, electric light bulbs or replaceable fuses.
2. This warranty does not apply to refrigerators or component parts that have been subjected to misuse, improper installation, abnormal service, transit damage, recharging of cooling unit system, accident, fire, improper repair, tampering or abuse.
3. The duration of any implied warranty is limited to two (2) years.
4. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Limitations of Remedy

1. The responsibility of Norcold under this or any warranty is limited to the repair or replacement (at THETFORD - China's option) of any defective refrigerator or component part.
2. **In no event and under no circumstances shall THETFORD - China be responsible for any other charge whatsoever, including but not limited to charges or claims for labor, lost business, lost time, lost profits, loss of use, or any kind of incidental or consequential damages, however denominated or described.**
3. Some states do not allow for the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.

To obtain warranty service, contact THETFORD - China Customer Service at: +86 755 86272006/13801785859 or visit the Web Site: www.thetford.cn

Legal Rights

This warranty gives you specific legal rights, and you may have other legal rights which vary from state to state.

THETFORD - China DC Models - Warranty Information

Your refrigerator is made to provide the ultimate in cooling satisfaction and will serve you reliably in the years to come. THETFORD - China refrigerators offer a standard limited two-year warranty.

To activate your two-year limited warranty, complete and mail the warranty registration supplied.

Help us to help you.

Write the model number and serial number below for future reference. These numbers are on the serial plate in the refrigerator. The serial plate is located in the fresh food compartment on the top right hand side. Use these numbers when receiving service or in any correspondence concerning your refrigerator.

Model number _____ Serial number _____

If a problem occurs with your refrigerator, contact THETFORD - China at: +86 755 86272006/13801785859 or visit the Web Site: www.thetford.cn. To find an authorized THETFORD - China Service Center near you, please telephone the THETFORD - China Customer Support Dept. at at: +86 755 86272006/13801785859 or visit the Web Site: www.thetford.cn

Norcold is committed to providing products that are in harmony with the environment. Your Norcold refrigerator meets all environmental safety standards.

THETFORD - China DC Models - Warranty Questions

This warranty is the only warranty for your THETFORD - China refrigerator. There are no other express warranties. The only uses for this product are described in this manual. Part or model specifications are subject to change without notice.

What does this warranty cover?

This warranty covers labor and freight (ground service only) and costs incurred in removing and reinstalling the refrigerator when necessary to replace a defective part and any parts replaced under warranty (including cooling units).

What is not covered by this warranty?

- Travel expenses for bringing the refrigerator to an authorized THETFORD - China Service Center for warranty coverage.
- Additional costs caused by the inability to bring the refrigerator to an authorized THETFORD - China Service Center.
- Defects which are caused by transit damage, misuse, neglect, or accident.
- Manufacturing defects found at the time of purchase, parts replaced under warranty, and associated labor, which the original consumer-purchaser does not communicate to THETFORD - China within 30 days.
- Labor, performed without need for parts replacements, which the original consumer-purchaser does not communicate to THETFORD - China within 30 days.
- Defects in glassware, electric light bulbs, or replacement fuses.
- Defects caused by improper installation, maintenance, or adjustment.
- Normal maintenance of this refrigerator as described in this manual.
- Defects caused by the improper use of parts or parts not manufactured or supplied by THETFORD - China for repairs or replacements to the refrigerator.

THETFORD - China will not be liable for any incidental or consequential loss or damage, due directly or indirectly to the use of this product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above may not apply to you.

How long does this warranty last?

This warranty is effective for a period of two years from date of purchase.

What will THETFORD - China do?

THETFORD - China will provide free service and replacement of defective parts, at no charge, at all authorized Norcold Service Centers. Norcold has the option of replacing the defective parts or the entire refrigerator. If the refrigerator is replaced, Norcold is not responsible for replacing dealer installed options.

How do you get service?

Bring the refrigerator to any authorized THETFORD - China Service Center and show proof that the defective item is within warranty coverage.

If you are unable to bring the refrigerator to an authorized THETFORD - China Service Center:

- Send a written notice of the defect to Norcold.
- THETFORD - China will promptly advise you how to obtain warranty service.

What rights do you have?

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

Safety Awareness

Read this manual carefully and understand the contents before you use the refrigerator.

Be aware of possible safety hazards when you see the safety alert symbol on the refrigerator and in this manual. A signal word follows the safety alert symbol and identifies the danger of the hazard. Carefully read the descriptions of these signal words to fully know their meanings. They are for your safety.



This signal word means a hazard, which if ignored, can cause dangerous personal injury, death, or much property damage.



This signal word means a hazard, which if ignored, can cause small personal injury or much property damage.

Safety Instructions



- The storage of flammable materials behind or around the refrigerator creates a fire hazard. Do not use the area behind the refrigerator to store anything, especially flammable materials (gasoline, cleaning supplies, etc.)
- Do not store any explosive substance, such as aerosol cans with flammable propellant, in this refrigerator.
- A circuit overload can result in an electrical fire if the wires and/or fuses are not the correct size. Use only the wire and fuse sizes as written in the "Installation Manual".
- Incorrect installation, adjustment, change to, or maintenance of this refrigerator can cause personal injury, property damage, or both. Have service and maintenance work done by your dealer or by an authorized THETFORD - China Service Center.
- Disconnect the DC power source before doing any maintenance work on the refrigerator. All service work on this refrigerator must be done by a qualified service technician.
- Do not bypass or change the refrigerator's electrical components or features.
- When you discard an appliance, remove all doors to prevent accidental entrapment and suffocation.
- Do not spray liquids near electrical outlets, connections, or the refrigerator components. Many liquids are electrically conductive and can cause a shock hazard, electrical shorts, and in some cases fire.



- The rear of the refrigerator has sharp edges and corners. To prevent cuts or abrasions when working on the refrigerator, be careful and wear cut resistant gloves.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

About Your Refrigerator

Usage:

This refrigerator is made for use within a recreational vehicle. As such, it is suitable for camping, but do not expose the refrigerator to rain.

Storage Volume:

This refrigerator is made to store fresh and frozen foods and for making ice.

Total capacity DCC041CR	3.6 cubic feet
Total capacity DC0061CR	7.0 cubic feet

Food compartment:

Start up the refrigerator and let it cool for eight hours before loading with food. If the refrigerator does not start to cool down after about two hours, contact your dealer or an authorized THETFORD - China Service Center.

For the best cooling performance:

- Let air move freely inside the entire food compartment.
- Do not cover the shelves with plastic, paper, etc.

To decrease the amount of ice that collects on the freezer plates:

- Cover all liquids and moist foods.
- Let all hot foods cool before putting them in the refrigerator.
- Do not open the door any longer than necessary.

Freezer compartment:

The freezer compartment is made to keep pre-frozen food frozen and not to quick freeze food. Keep pre-frozen foods in the freezer compartment.

NOTICE

When making ice, put the ice cube tray directly on the freezer surface. Do not put other items on the ice cube tray while the water is freezing. The water freezes more rapidly if the power switch / thermostat is at the coldest temperature setting.

Door latch for travel:

During travel, the door latch prevents the door from opening. There are no chains, slides, or any devices that you must engage.

Interior light:

The DC0041CR interior light is located on the left wall of the fresh food compartment. The DC0061CR interior light is located behind the divider that separates the freezer compartment from the fresh food compartment.

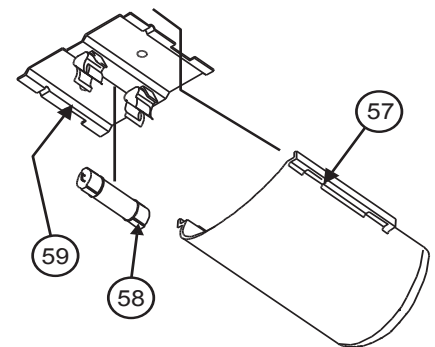
The interior light comes on when the refrigerator is ON and the door is open. To replace the bulb:

1. Use tape to hold the light switch down, which removes power from the light circuit.
2. Remove the cover [57] by pulling it toward the front of the refrigerator (See Art00988).
3. Remove the light bulb [58] from the holder [59].

NOTICE

Use only a GE#214-2 bulb (7W max.) as the replacement bulb. This bulb is available at most retail automotive parts centers.

4. Install the replacement bulb.
5. Install the cover.
6. Remove the tape from the light switch.



Art00988

Operation

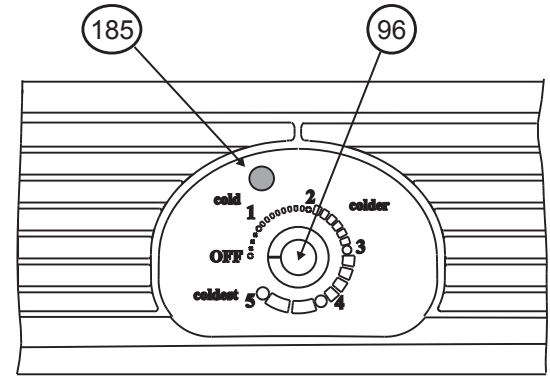
Controls:

The power switch / thermostat [96] controls operation of the refrigerator (See Art02280). When the power switch / thermostat is in the "OFF" position, no voltage is supplied to the cooling system and the refrigerator uses no DC voltage.

The green power indicator [185] illuminates when the power switch / thermostat is in any position except the "OFF" position and the cooling system is energized.

The power switch / thermostat also controls the temperature of the refrigerator. Number 5 is the coldest temperature setting. When you start up the refrigerator, turn the thermostat to the 5 position. Allow the refrigerator to cool down for eight hours and then turn the thermostat to the temperature setting that you wish.

The refrigerator operates on DC voltage.



Art02280



Do not operate the refrigerator when the ambient temperature is higher than 110° F. Operation when the ambient temperature is higher than 110° F. can cause poor cooling performance and permanent damage to the compressor.

DC Operation Guidelines:



Do not operate the refrigerator on battery power only. Operation of the refrigerator directly from the battery will rapidly discharge the battery. Correctly supply DC power to the refrigerator.

The refrigerator gets DC power from the vehicle battery system. The battery system also supplies power to any other DC appliances or accessories of the vehicle.

A dual battery system provides the best power usage. This system uses two batteries. One battery supplies DC power only to the vehicle engine and its accessories. The second battery supplies DC power only to the DC appliances of the vehicle. An alternator, powered by the vehicle engine, charges both of the batteries.

Refrigerator Care Checklist

Your refrigerator will give you years of trouble free service if you do these simple checks every three to six months:

- Keep the food compartment and the freezer clean. See "Cleaning".
- Defrost the refrigerator as necessary. See "Defrosting".
- Make sure the door seals correctly. See "Door Sealing".
- Be aware of any cooling changes that are not because of weather, loading, or thermostat changes. If changes occur, contact your dealer or an authorized THETFORD - China Service Center.
- Make sure the air flow in the lower intake vent, through the refrigerator condenser and coils and out the upper exhaust vent is not blocked or decreased.
- Make sure the area behind the refrigerator is clear. Do not use the area behind the refrigerator for storage of anything, especially combustible materials, especially gasoline and other flammable vapors and liquids.

Defrosting:

The freezer plates of the refrigerator operate at below freezing temperature and will naturally form frost from humidity, which is always present in the air. The humidity inside the refrigerator increases:

- with higher outside temperature and humidity.
- with the storage of non-sealed fresh foods or warm foods.
- with the amount of time that the door(s) are open.
- with any air leakage into the refrigerator.

It is normal for frost to collect inside the refrigerator. Excess frost decreases the cooling performance of the refrigerator. Defrost the refrigerator as necessary:

- Remove all food from the refrigerator.
- Turn the refrigerator OFF.

NOTICE

Defrosting the refrigerator makes excess water inside the refrigerator, which falls onto the drip tray and flows to the outside of the refrigerator through the drain tube.

- Put dry towels (etc.) inside the refrigerator to help remove the excess water.

CAUTION

High temperatures can cause the inside surfaces of the refrigerator to warp or melt. Do not use pans of HOT water, a hair dryer, or any other high temperature devices to defrost the refrigerator. Do not use any hard or sharp objects to remove frost. Damage to the interior of the refrigerator can occur.

- To increase the speed of defrosting, put pans of WARM water in the refrigerator.
- Remove the wet towels (etc.) and dry the interior.
- Start up the refrigerator.
- Allow the refrigerator to cool down.
- Return all food to the refrigerator.

Cleaning:

A good time to clean the refrigerator is just after you defrost it.

Clean the inside of the refrigerator as often as necessary to avoid food odors:

- Remove all food from the refrigerator.

NOTICE

Do not use abrasive cleaners, chemicals, or scouring pads because they can damage the interior of the refrigerator.

- Wash the interior with a mild cleaner or a solution of liquid dish detergent and warm water.
- Rinse with a solution of baking soda and clean water.
- Dry with a clean cloth.
- Put all food back into the refrigerator.

To remove and clean the drip tray:

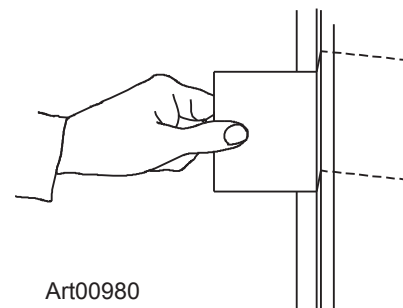
- Make sure that the drip tray is empty of water.
- Pull the drain tube plug out from the inside of the drip tray and out of the drain hose.

- Pull the drip tray down to remove from the slots in the refrigerator cabinet.
- Clean the drip tray.
- Put the drain tube plug down into the drip tray and push the drip tray back into the original position.
- Push the drain hose back onto the drain tube plug.

Door sealing:

If the door does not seal correctly, excess frost will collect inside the refrigerator. Make sure the door seals correctly:

- Close the door on a piece of paper that is about the size of a dollar bill (See Art00980).
- Gently pull the paper.
 - You should feel a slight drag between the gasket and the cabinet.
 - Do this on all four sides of the door.
 - If you do not feel a slight drag on the paper, the door is not sealing correctly.
 - Have your dealer or an authorized THETFORD - China Service Center correct the seal of the door.



Troubleshooting

If the refrigerator does not cool correctly:

- Make sure the power switch / thermostat is not in the OFF position.
- Make sure the power switch / thermostat is at the temperature setting that you wish.
- Make sure that the power source to the refrigerator is serviceable.
- Make sure that the fuse or circuit breaker is intact (See "Over current protection system")
- Make sure that the refrigerator is correctly installed and that the built in vents are not blocked.
- Make sure that the ambient temperature is not unusually high (more than 110° F. / 43° C.) (See "Over heating shut-off device operation").
- Make sure that the door is closed.
- If the weather is hot, make sure that the door is sealing correctly.
- Make sure that the air circulation inside the refrigerator is not decreased by foods or by shelves that are covered with plastic, paper, etc.
- Make sure that hot foods were not placed in the fresh food compartment of the refrigerator.
- Make sure that the freezer is defrosted.

After you make these checks, if the refrigerator does not operate, contact your dealer or an authorized THETFORD - China Service Center.

Over heating shut-off device operation:

Operating the refrigerator in high ambient temperatures can over heat the cooling unit and cause premature failure of the compressor (See the label inside the refrigerator).

To protect the cooling unit from over heating, the refrigerator will automatically shut-off when the temperature of the power module is higher than 212° F (100° C). The refrigerator will not restart until the temperature of the power module is lower than 176° F. (80° C).

Low voltage protection system:

In order to prevent completely draining the battery, the refrigerator will automatically shut-off when the DC supply voltage becomes too low. The refrigerator will not restart until the DC supply voltages increases. These shut-off and restart voltage levels are:

12VDC Operation

24 VDC Operation

Shut-off 10.9 VDC

Shut-off 23.8 VDC

Restart 12.2 VDC

Restart 25.2VDC

If the DC supply voltage is between 17.0 and 23.8 VDC, the refrigerator will not operate.

Over current protection system:

Your refrigerator has an over current protection system in the electronic circuit to prevent damage to the inverter which may occur due to a reverse polarity connection.

If the refrigerator does not operate and the green power light does not come on, check the fuse, which is located in-line with the DC connector, and the polarity of the DC power supply. If the refrigerator still does not operate, another problem can exist in the power module. Have an authorized THETFORD - China Service Center check the refrigerator.

Refrigerator Maintenance Checklist

Read and understand the following maintenance sections of this manual.

NOTICE

THETFORD - China is not responsible for installation, adjustment, alteration, service, or maintenance performed by anyone other than an authorized THETFORD - China Service Center.

Have an authorized THETFORD - China Service Center do these annual safety and maintenance checks:

- Make sure the DC voltage is correct (See the "Electrical current necessary" section).
- The wire connections must be clean, tight and free of corrosion. If any of these items are not correct:
 - A voltage drop to the refrigerator will occur.
 - The voltage drop will decrease the cooling performance of the refrigerator.



Disconnect the positive (+) DC power supply wire from the battery before you do a "fast charge" of the battery. Failure to disconnect the positive (+) power supply wire from the battery during a "fast charge" can cause damage to the refrigerator or other 12 volt DC appliances.

- Make sure the area at the rear of the refrigerator is free of anything, especially combustible materials, gasoline, and other flammable vapors and liquids.

Replacement Parts

You may purchase replacement parts through your dealer or an authorized THETFORD - China Service Center.

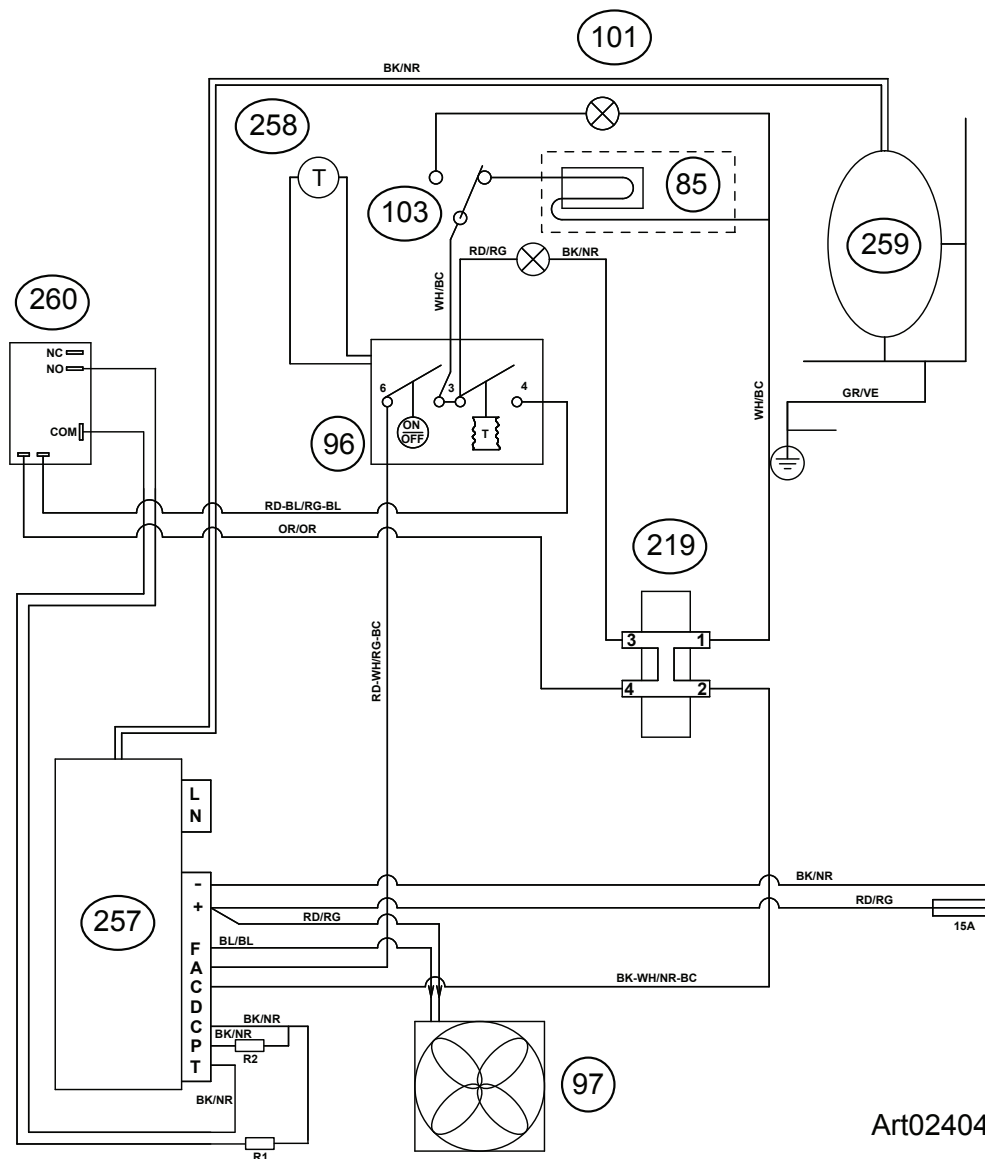


If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Wiring Pictorial

The parts of the wiring pictorial are (See Art02404):

257.....	Power module
99.....	DC input
96.....	Thermostat / power switch
258.....	Evaporator sensor
259.....	Compressor
97.....	12 VDC fan
101.....	Interior light
103.....	Door switch(s)
85.....	Divider heater (DC0061 models only)
260.....	Relay
219.....	Terminal block



Art02404



用户手册

适用于型号 DC0041CR - 3.6 立方英尺直流电冰箱。
适用于型号 DC0061CR - 7.0 立方英尺直流电冰箱。

船用安装的特殊要求：

如果正极 (+12/24 伏) 输入接地 (电线绝缘层破损、部件绝缘不当等)，则有可能导致整个船体存在电压，致使暴露在水中的金属零件发生腐蚀。

应按照《NNMA 认证手册 (1987)》中的说明，使船的电路连接受到保护，避免此种情况的发生。检查所有布线，确保绝缘未损坏并使用塑料电线卡箍。

有关腐蚀方面的详细信息，可参考：

BOAT AND YACHT CORROSION CONTROL (船只和游艇的腐蚀控制)
由 Yacht Corrosion Consultants, Inc. 编写
2368 Eastman Ave.#6
Ventura, CA 93003

THETFORD (赛特福德) - 中国
中华人民共和国，深圳，518059
南山区，海德三道
海岸大厦 (东座)
1207 室
电话: +86 755 86272006/13801785859
网址: www.thetford.cn

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THETFORD (赛特福德) - 中国 直流电型号 - 两年有限保修

THETFORD (赛特福德) - 中国承诺从购买之日起两年的保修期，在此期间，THETFORD (赛特福德) - 中国可维修或更换其直流电冰箱。

保修条件

1. 此保修仅针对 THETFORD (赛特福德) - 中国直流电冰箱。此保修不包含玻璃器具、电灯泡或可更换的保险丝。
2. 此保修不适用于被使用不当、安装不当、不正常维护、运输损坏、制冷单元系统再充压、事故、火灾、维修不当、篡改或滥用的电冰箱或部件。
3. 默认保修期为两 (2) 年。
4. 在不允许默认保修期的地区，以上限制不适用。

补救措施条件

1. 在此项保修或任何保修下，Norcold 的责任限于维修或更换 (THETFORD - 中国选项) 有缺陷的电冰箱或部件。
2. 在任何情况下，THETFORD - 中国都不负责支付任何其他费用，包括但不限于因人工、业务损失、时间损失、利润损失、使用损耗或任何偶然或必然损害所产生的费用或索赔，即便已经计价或已作说明。
3. 在不允许免责或限制偶然或必然损害的国家，上述排除责任不适用。

要获得保修服务，请通过以下方式联系 THETFORD (赛特福德) - 中国客户服务部：拨打 +86 755 86272006/13801785859 或访问网址：www.thetford.cn

法律权利

此保修条款给予您特定的法定权利，在不同国家，您享有的合法权利可能会有所不同。

THETFORD (赛特福德) - 中国直流电型号 - 保修信息

您的电冰箱专门为您提供满意的制冷性能，并在未来数年为您提供可靠的服务。THETFORD - 中国的电冰箱提供为期两年的标准保修。

要激活为期两年的保修服务，请填写并邮寄回附带的保修注册表。

协助我们完成注册以让您获得帮助。

请在下方注明型号和序列号以备后续参考。这些编号位于电冰箱的序列号铭牌上。序列号铭牌位于顶部右侧的食物保鲜室中。在获得服务时或在任何有关电冰箱的信函中提供这些编号。

型号 _____ 序列号 _____

如果您的电冰箱发生故障，请通过以下方式联系 THETFORD (赛特福德) - 中国：拨打：+86 755 86272006/13801785859 或访问网址：www.thetford.cn。要查找您附近的 THETFORD (赛特福德) - 中国服务中心，请拨打 THETFORD (赛特福德) - 中国客户支持部门的电话：拨打 +86 755 86272006/13801785859 或访问网址：www.thetford.cn

Norcold 致力于提供与环境相和谐的产品。您的 Norcold 电冰箱满足所有的环境安全标准。

THETFORD (赛特福德) - 中国直流电型号 - 保修常见问题

此保修仅适用于 THETFORD (赛特福德) - 中国电冰箱。不存在其他明示保证。本手册中说明了此电冰箱的仅有用途。部件或型号规格的更改恕不另行通知。

保修范围

此保修范围包括在有必要更换带有瑕疵的部件以及任何保修中规定更换的部件（包括制冷单元）时，因卸除和重新安装电冰箱而发生的人工和运输（仅地面服务）费用。

不属于保修的范围

- 将电冰箱送到授权的 THETFORD (赛特福德) - 中国服务中心进行保修所发生的运输费用。
 - 由于未能将电冰箱送到授权的 (赛特福德) - 中国服务中心而产生的其他费用。
 - 因转运损坏、使用不当、忽视或意外事故而导致的瑕疵。
 - 在购买时发现的制造瑕疵、在保修期内更换的部件，以及由此产生的人工，而最初消费者 - 采购人员未在 30 天内联系到 (赛特福德) - 中国。
 - 无需更换部件所耗费的人工，而最初消费者 - 采购人员未在 30 天内联系到 THETFORD (赛特福德) - 中国。
 - 玻璃制品、电灯泡或替换保险丝的瑕疵。
 - 由于不正确安装、维护或调节而导致的瑕疵。
 - 此电冰箱的正常维护如手册中所述。
 - 由于未正确使用部件或使用不是由 THETFORD (赛特福德) - 中国制造或提供的部件对此电冰箱进行维修或更换而产生的瑕疵。
- THETFORD (赛特福德) - 中国不对因直接或间接使用本产品而产生的任何意外性或间接性损失或损坏承担责任。在不允许排除或限制偶然性或必然性损害的国家，上述情况不适用。

保修期限

此保修自购买之日起两年内有效。

THETFORD (赛特福德) - 中国 提供什么服务？

THETFORD (赛特福德) - 中国所有授权的 Norcold 服务中心将为带有瑕疵的部件提供免费的维修和更换，不收取任何费用。Norcold 可以更换带有瑕疵的部件或更换整个电冰箱。如果更换整个电冰箱，Norcold 不负责更换经销商安装的选配件。

如果获得服务？

将电冰箱送到任何授权的 THETFORD (赛特福德) - 中国 服务中心并出具瑕疵产品在保修范围内的证明。

如果您不能将电冰箱送到授权的 THETFORD (赛特福德) - 中国服务中心：

- 请将产品出现瑕疵的书面通知书送到 Norcold。
- THETFORD (赛特福德) - 中国将会立即向您提供如何获得保修服务的建议。

您拥有什么权利？

此保修赋予您特定的法律权利。因每个国家不同，您还可以拥有其他权利。

安全意识

使用电冰箱前，必须仔细阅读本手册并理解其内容。

看到电冰箱上和本手册中的安全警告标志时，应注意可能发生的安全隐患。警示语和安全警告标志含义一致，用于识别危险情况。必须仔细阅读这些警示语的说明，彻底明白其意思。这些警示语都是为了您的安全而设。



警告

此警示语表示存在危险，如果忽略，可能会导致严重的人身伤害，甚至死亡，或重大的财产损失。



小心

此警示语表示存在危险，如果忽视，可能导致轻微的人身伤害或重大的财产损失。

 警告

- 在电冰箱后方或周围存放易燃材料会导致火灾危险。切勿用电冰箱后面的区域存放物品，尤其是易燃材料（汽油、清洁剂等）。
- 切勿在电冰箱中存放任何爆炸性物质，例如装有易燃推进剂的气溶胶罐。
- 如果电线和 / 或保险丝的尺寸不正确，电路过载会导致电气火灾。只能使用“安装手册”中指定的电线和保险丝尺寸。
- 对本电冰箱的错误安装、调节、更改或维护都会导致人身伤害和 / 或财产损失。维护和维修工作必须由您的经销商或授权的服务中心执行
- 在对电冰箱执行任何维护工作前，必须先断开直流电源。在电冰箱上进行的所有维修工作都必须由合格的维修技师完成。
- 切勿旁通或更换电冰箱的电气部件或功能。
- 当您丢弃电器时，应卸除所有的门以避免意外的受困和窒息。
- 切勿在电气插座、接线处或电冰箱部件周围喷洒液体。许多液体都具有导电性，会导致电击、电气短路，并在某些情况下会引起火灾。

 小心

- 电冰箱的后部具有锐边和锐角。操作电冰箱时，为避免割伤和擦伤，应格外小心并戴上防切割手套。
- 此电器不适于体能、感觉或心理能力较低的人（包括儿童）或缺乏经验或知识的人使用，除非有负责安全的人员执行监督或为其提供了有关使用此电器的说明。必须看管住儿童，确保他们不用此电器来玩。

关于您的电冰箱

使用：

此电冰箱专门在休旅车辆中使用。因此，它适用于露营，但切勿将电冰箱暴露在雨中。

储存容量：

此电冰箱用于储存新鲜和冰冻食物以及用于制冰。

DCC041CR 型总容量	3.6 立方英尺
DC0061CR 型总容量	7.0 立方英尺

食物贮藏室：

启动电冰箱并在装入食物之前先让电冰箱制冷 8 小时。如果电冰箱在启动两小时后未开始制冷，则应联系您的经销商或授权的 THETFORD（赛特福德）- 中国服务中心。

为获得最佳的制冷性能：

- 让空气在整个食物贮藏室可以自由流动。
- 切勿用塑料、纸等覆盖贮物架。

要减少冷冻盘上的结冰量：

- 应遮盖住所有液体和潮湿的食物。
- 应先将热的食物冷却，然后再放入电冰箱。
- 除非必要，否则不要长时间打开电冰箱的门。

电冰箱冷冻室：

电冰箱冷冻室用于保持预先冷冻食物的冷冻状态，而非用于快速冷冻食物。应将预先冷冻的食物放在电冰箱冷冻室中。

注意

注意：制冰时，应将冰块盘直接放在冷冻室表面。在水正在结冰的同时，切勿将其他物品放在冰块盘上。如果电源开关 / 温控器处于最低温度设置，可以让水更快结冰。

行驶用柜门门锁：

在行驶过程中，将门门上锁可防止门打开。没有链条、滑块或您必须接合的任何装置。

内部灯：

DC0041CR 型号的内部灯位于食物保鲜室的左壁上。DC0061CR 型号的内部灯位于将电冰箱冷冻室和食物保鲜室分隔的分隔器后方。

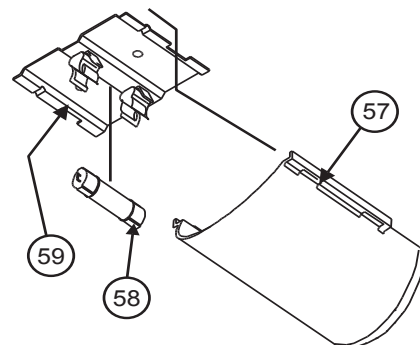
当电冰箱位于 ON（启动）位置打开门时，内部灯将点亮。要更换灯泡：

1. 将灯开关朝下并用胶带固定，这样可以切断灯电路的电源。
2. 朝电冰箱的前部拉动灯罩 [57]，将其卸下（参见图 00988）。
3. 从支架 [59] 上取下灯泡 [58]。

注意

只能使用 GE#214-2 灯泡（最大 7W）作为替换灯泡。该灯泡在大多数汽车配件零售中心都可以买到。

4. 安装替换灯泡。
5. 安装灯罩。
6. 从灯开关上取下胶带。



操作

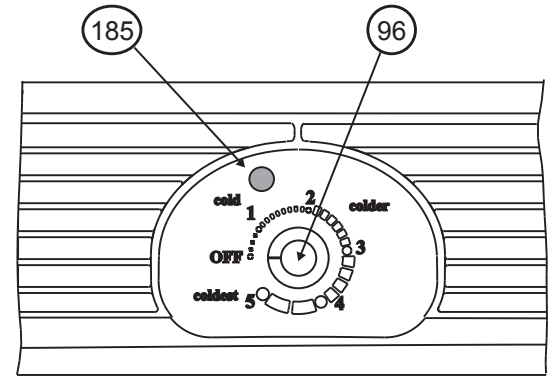
控制部件：

电源开关 / 温控器 [96] 控制电冰箱的工作（参见图 02280）。当电源开关 / 温控器位于 OFF（关）位置时，不向制冷系统供电，电冰箱无直流电压。

当电源开关 / 温控器位于 OFF（关）位置外的其他任何位置时，绿色的电源指示灯 [185] 点亮，制冷系统通电。

此外，电源开关 / 温控器还用于控制电冰箱的温度。数字 5 为最低温度设置。启动电冰箱后，应将温控器转动到位置 5。让电冰箱制冷 8 小时，然后将温控器旋转到您所需的温度设置。

电冰箱在直流电下工作。



Art02280

小心 当环境温度高于 110 °F 时切勿让电冰箱工作。当环境温度高于 110 °F 时，电冰箱工作会降低制冷性能并导致压缩机永久性损坏。

直流电工作指南：

小心 切勿只使用电池电源让电冰箱工作。让电冰箱直接使用电池工作会导致电池快速放电。正确地为电冰箱提供直流电源。

电冰箱从车辆电池系统获得直流电。电池系统也为任何其他直流电器或车辆附件提供电源。

双电池系统可提供最佳电源使用效果。该系统使用两个电池。一个电池只为车辆发动机及其附件提供直流电。另一个电池只为车辆的直流电器提供直流电。由车辆发动机供电的交流发电机为两个电池充电。

电冰箱保养检查清单

如果您每隔三至六个月执行一次这些简单的检查，您的电冰箱即可为您提供数年无故障的服务。

- 保持食物贮藏室和冷冻室的清洁。参见“清洁”。
- 根据需要对电冰箱进行除霜。参见“除霜”。
- 确保门正确密封。参见“门密封”。
- 注意任何非天气、负载或温控器改变而导致的制冷变化。如果发生改变，应联系您的经销商或授权的 THETFORD（施特福德）- 中国服务中心。
- 确保空气从底部进气口进入、通过电冰箱冷凝器和线圈、然后从顶部排气口排出，气流不应受阻挡或削减。
- 确保电冰箱后面的区域没有任何障碍物。切勿用电冰箱后面的区域存放任何物品，特别是易燃材料、汽油和其他可燃性气体和液体。

除霜：

电冰箱的冷冻盘在低于冰点下工作，使空气中的湿气自然结霜。电冰箱内的湿气会因以下情况而增多：

- 外界温度和湿度较高。
- 存放未密封的新鲜食物或温热食物。
- 电冰箱门打开的时间过长。
- 有空气漏入电冰箱中。

电冰箱内结霜是正常现象。霜堆积过多会降低电冰箱的制冷性能。根据需要为电冰箱除霜：

- 取出电冰箱中的所有食物。
- 将温控器转动到 OFF（关闭）位置。

注意

为电冰箱除霜会使电冰箱内出现大量的水，这些水会滴落到化霜接水盘上并通过排水管流到电冰箱外。

- 将干毛巾（等）放入电冰箱内有助于除去大量水份。

小心

高温会导致电冰箱的内表面变形或熔化。切勿使用热水锅、吹风机或任何其他高温装置来为电冰箱除霜。切勿使用任何坚硬的或锐利的物体除霜。否则可能对电冰箱内部造成损坏。

- 要加快化霜速度，可将装有热水的锅放入电冰箱中。
- 取出湿毛巾等，并抹干电冰箱内部。
- 启动电冰箱。
- 让电冰箱制冷。
- 将所有食物放回电冰箱。

清洁：

清洁电冰箱的最佳时机是在电冰箱除霜之后。

尽可能地经常清洁电冰箱的内部，以去除食物的气味：

- 取出电冰箱中的所有食物。

注意

切勿使用擦洗剂、化学品或百洁布，因为它们可能会损坏电冰箱内部。

- 使用中性清洁剂或液体餐具洗涤剂 and 温水混合的溶液清洗电冰箱内部。
- 使用小苏打和清水混合的溶液进行冲洗。
- 使用干净的布擦干。
- 将所有食物放回到电冰箱中。

要卸下并清洁化霜接水盘：

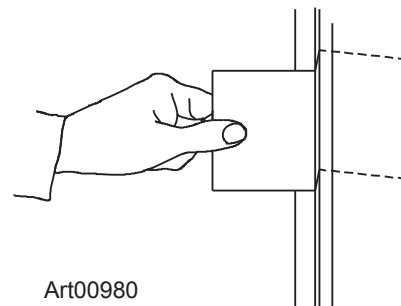
- 确保化霜接水盘中无水。
- 拉出接水盘内侧的排水管塞，将其排水软管中拉出。

- 将接水盘向下拉，将其从电冰箱柜中的槽中取出。
- 清洁接水盘。
- 将排水管塞放入接水盘并将接水盘推回到原来的位置。
- 将排水软管推回到排水管塞。

门密封：

如果电冰箱门未正确密封，则电冰箱内将会过度结霜。确保电冰箱门正确密封：

- 将一张大约一美元钞票大小的纸放在门边上，将门关闭（参见图 00980）。
- 轻轻拉动纸张。
 - 在密封垫和柜子间，您应该感到有轻微的阻力。
 - 在门的四周都执行此测试。
 - 如果您未感觉到有轻微的阻力，则门没有正确密封。
 - 请联系您的经销商或授权的 THETFORD（赛特福德）- 中国服务中心，对门的密封进行校正。



故障排除

如果电冰箱未正确制冷：

- 确保电源开关/温控器不是处于 OFF（关）位置。
- 确保电源开关/温控器处于您想要的温度设置。
- 确保电冰箱的电源工作正常。
- 确保保险丝或断路器完好无损（参见“过流保护系统”）。
- 确保电冰箱安装正确且内置通风口未受阻。
- 确保环境温度不是非常高（超过 110 °F / 43 °C）（参见“过热断电装置操作”）。
- 确保电冰箱门已经关闭。
- 如果天气过热，确保门正确密封。
- 确保电冰箱内的空气流通未受到食物或覆盖塑料、纸等的架子的阻挡。
- 确保热食物没有放在电冰箱的食物保鲜室中。
- 确保冷冻室已经除霜。

执行这些检查后，如果电冰箱不工作，请联系您的经销商或授权的 THETFORD（赛特福德）- 中国服务中心。

过热断电装置的工作原理：

电冰箱在环境温度过高时工作会使制冷单元过热，从而导致压缩机过早发生故障（参见电冰箱内侧标签）。
为避免制冷单元过热,当电冰箱电源模块的温度高于 212 °F (100 °C) 时,电冰箱将自动断电。直到电源模块的温度低于 176 °F (80 °C) 后,电冰箱才会重新启动。

低压保护系统：

为了避免电池电量耗尽，当直流电压过低时，电冰箱将自动断电。直到直流电压提高后，电冰箱才会重新启动。断电和重新启动的电压水平如下：

12 伏直流电工作		24 伏直流电工作	
断电	10.9 伏直流	断电	23.8 伏直流
重新启动	12.2 伏直流	重新启动	25.2 伏直流

如果直流电的电压在 17.0 和 23.8 伏之间，电冰箱将不工作。

过流保护系统：

为避免因极性反接对变流器造成损坏，此电冰箱的电路中装有过流保护系统。
如果电冰箱不工作，而且绿色的电源指示灯未点亮，应检查直流电连接器内嵌的保险丝以及直流电源的极性。如果电冰箱仍不工作，则可能是电源模块存在其他问题。应联系授权的 THETFORD（赛特福德）- 中国服务中心检查电冰箱。

电冰箱维护检查清单

阅读并理解本手册的以下维护章节。

注意

THETFORD（赛特福德）- 中国对授权的 THETFORD（赛特福德）- 中国服务中心以外的其他人员执行的安装、调节、改动、维修或保养工作不负有责任。

应让授权的 THETFORD（赛特福德）- 中国服务中心执行这些年度安全和维护检查：

- 确保直流电压正确（参见“必需电流”章节）。
- 电线连接处必须干净、紧固并且无腐蚀。如果上述一项不正确：
 - 电冰箱电压将会降低。
 - 电压下降会影响电冰箱的制冷性能。

 小心

在为电池“快速充电”前，应断开电池的正极 (+) 直流电源线。如果在电池“快速充电”过程中没有断开正极 (+) 电源线，则可能会导致电冰箱或其他 12 伏直流电电器损坏。

- 确保电冰箱后面的区域没有放置任何物品，特别是易燃材料、汽油和其他可燃性气体和液体。

替换部件

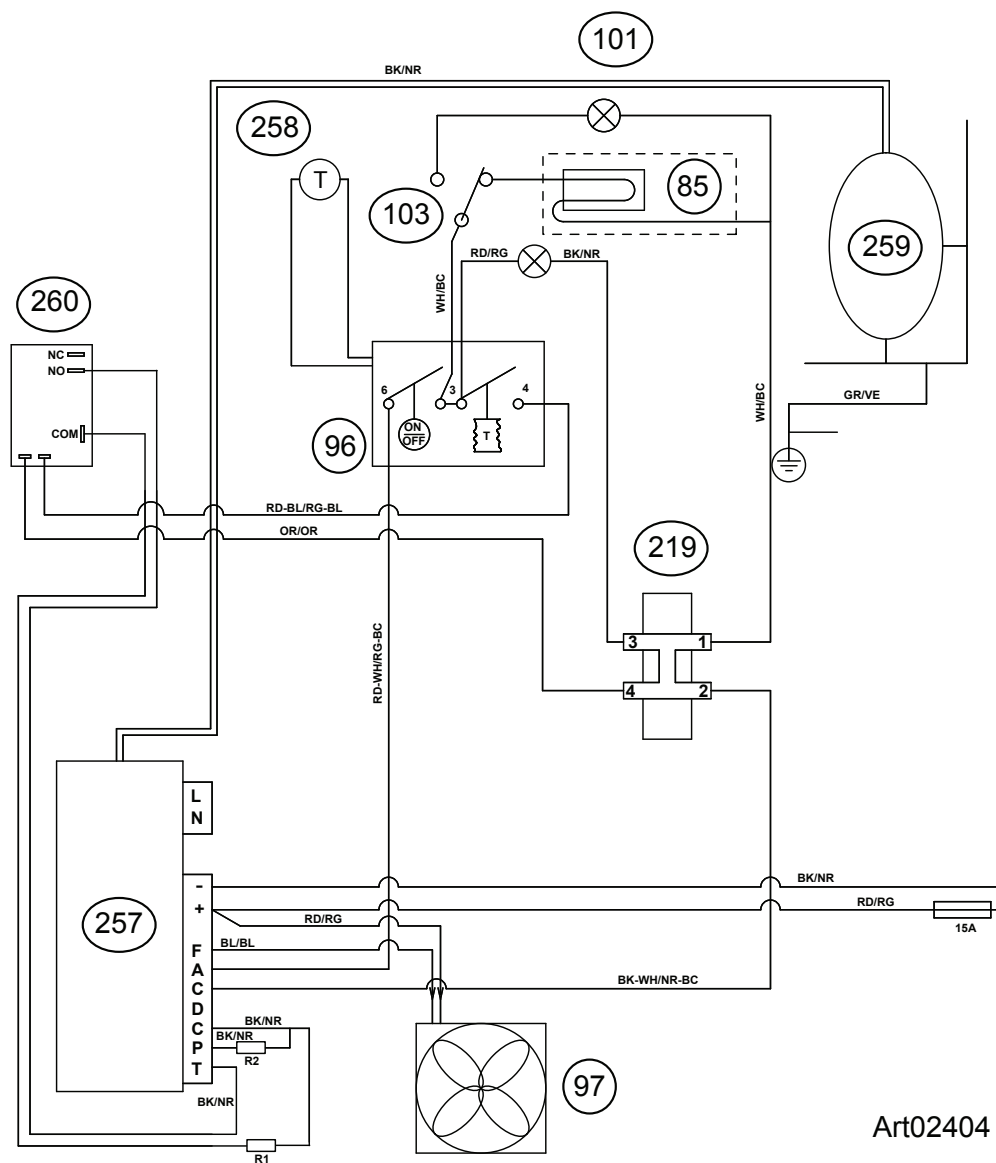
您可以通过您的经销商或授权的 THETFORD（赛特福德）- 中国服务中心购买替换部件。

⚠ 小心 如果电源线损坏，为避免发生危险，必须由制造商、维修代理或具有类似资格的人员执行更换。

布线图

布线图中的部件（参见图 02404）：

257.....	电源模块
99.....	直流输入
96.....	温控器 / 电源开关
258.....	蒸发器传感器
259.....	压缩机
97.....	12 伏直流电风扇
101.....	内部灯
103.....	门开关
85.....	分隔器加热器 (仅型号 DC0061)
260.....	继电器
219.....	接线盒



Art02404



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Follow proper safety practices. If in doubt, consult a professional RV technician.