XTM

4x4 ACCESSORIES

NGX40 FRIDGE FREEZER 41L

5 YEAR WARRANTY

CFR5030XTM

PLU 677675

04691 04/24

CONTENTS

INTRODUCTION

Dear Customer,

Thank you for purchasing this fridge which has passed through our extensive quality assurance processes. Every care has been taken to ensure that it reaches you in perfect condition. However, in the unlikely event that you should experience a problem, or if you require any assistance please do not hesitate to contact us;

If you have a problem, call customer service do not return this portable fridge to the place of purchase.

Note: For convenience we suggest taking a photocopy of your purchase receipt as the original may fade.

Due to continual product development, the actual product may differ slightly from the product pictured.

CUSTOMER SERVICE

Australia: 1300 174 876
Operating times: Monday – Friday
8.00am - 5.00pm
Australian Eastern Standard Time (AEST)

GENERAL INFORMATION AND SAFETY INSTRUCTIONS

Read this manual thoroughly before first use, even if you are familiar with this type of product. The safety precautions enclosed herein reduce the risk of fire, electric shock and injury when correctly adhered to. Keep the manual in a safe place for future reference, along with purchase receipt and carton. If applicable, pass these instructions on to the next owner of the appliance.

Always follow basic safety precautions and accident prevention measures when using an electrical appliance, including the following:

⚠ WARNING:

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and 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.

INTENDED USE: This is a portable product, designed for private household use. It is exclusively designed for use in cars, 4WD's, caravans and similar vehicles including mobile homes and campervans. It is designed to cool food and beverages and to be set up and used in dry, weather protected areas.

⚠ DO NOT STORE EXPLOSIVE SUBSTANCES SUCH AS AEROSOL CANS WITH A FLAMMABLE PROPELLANT IN THIS APPLIANCE.

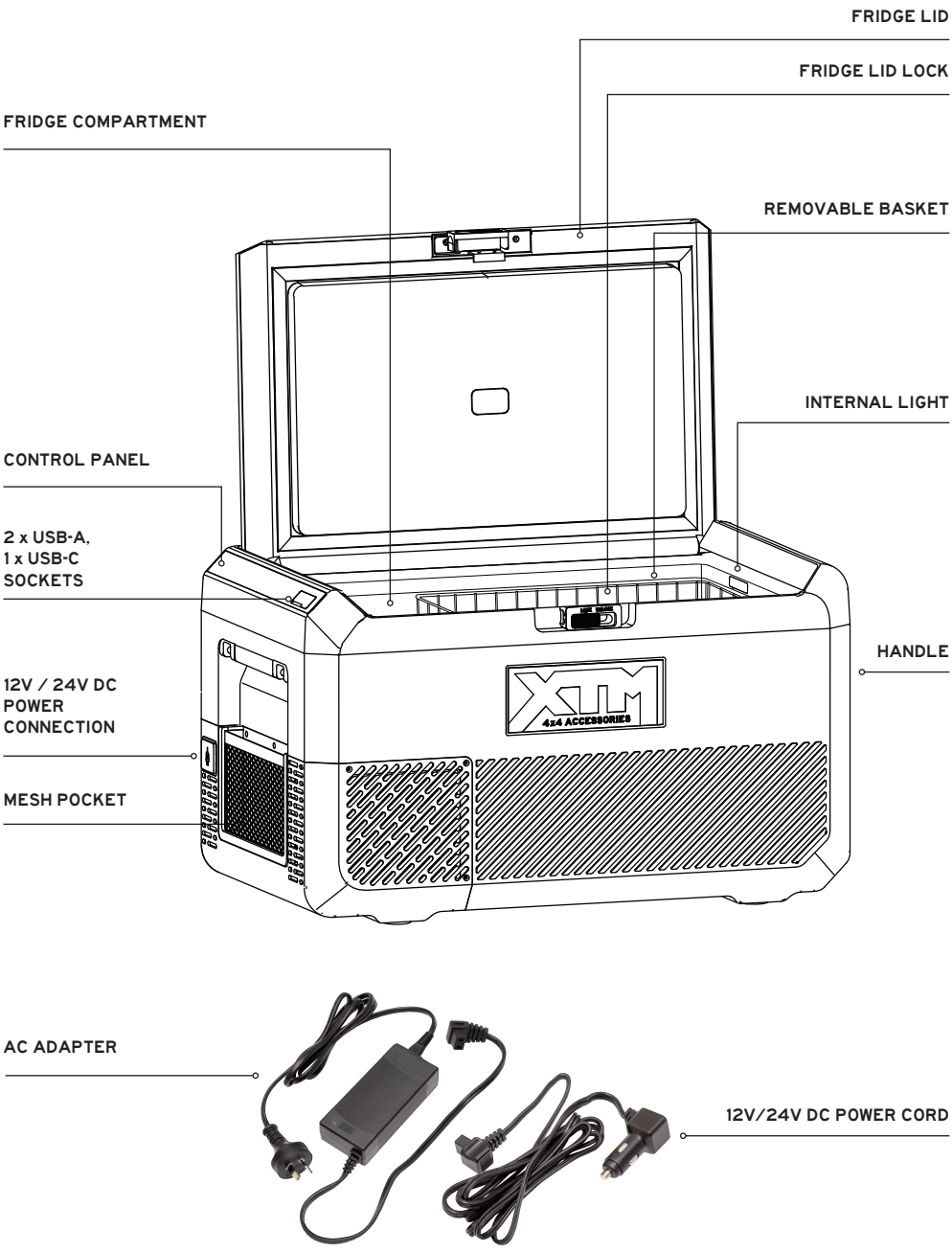
⚠ WARNING:

RISK OF FIRE/FLAMMABLE MATERIALS - THE INSULATION OF THE COOLING DEVICE CONTAINS FLAMMABLE CYCLOPENTANE AND REQUIRES SPECIAL DISPOSAL PROCEDURES.

ELECTRICAL SAFETY AND CORD HANDLING

+ Correct voltage: Make sure your local outlet voltage and circuit frequency corresponds to the voltage indicated on the appliance rating label.
+ Safe connection: Insert the power cord firmly into a 12V or 24V DC socket or if using the 240V AC Adapter plug it firmly into a mains socket. Do not alter the plug.
+ Protect from moisture: To protect against electric shock, do not immerse the cord, plug or the appliance itself in water or other liquid.
+ Ensure your hands are dry before handling the plug or switching on the appliance. Do not use it on wet surfaces.
+ WARNING: When positioning the appliance, ensure the supply cord is not trapped or damaged.
+ Protect the power cord. Do not kink or damage it or pull it around sharp corners. Do not drag the unit by the cord or use the cord as a handle. Keep the cord away from heated surfaces.
+ Never touch uninsulated cord with bare hands.
+ Always ensure that the correct voltage is applied to the fridge. The voltage is stated on the fridge's data plate.
+ Never obstruct vents to the fridge's compressor.
+ Defrost the fridge on a regular basis.
+ Never use hard or sharp implements to remove ice from the cooling compartment.
+ Never use abrasive or solvent based materials when cleaning the cooling compartment.
+ Do not use any electrical appliances inside the cooling compartment.
+ Do not expose to rain.
+ WARNING: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
+ WARNING: The illuminating lamps must not be replaced by the user! If the illuminating lamp is damaged, contact the customer helpline for assistance.
+ WARNING: DO NOT discard in general waste at the end of life, it should be taken to an appropriate recycling centre. Contact your local council for advice

APPLIANCE AND ACCESSORIES



INSTALLATION

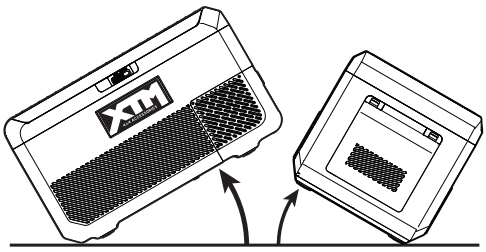
After unpacking the fridge check that no parts are missing. Place the unit in a dry place which is protected against splashing water. Do not place directly adjacent to sources of heat such as heating, gas ovens, hot water pipes or directly in the sun.

It is important that your appliance is installed and operated in accordance with these instructions to ensure its performance, efficiency and operation.

The normal operation of the appliance requires heat to be radiated away from the condenser located at the end of the cabinet.

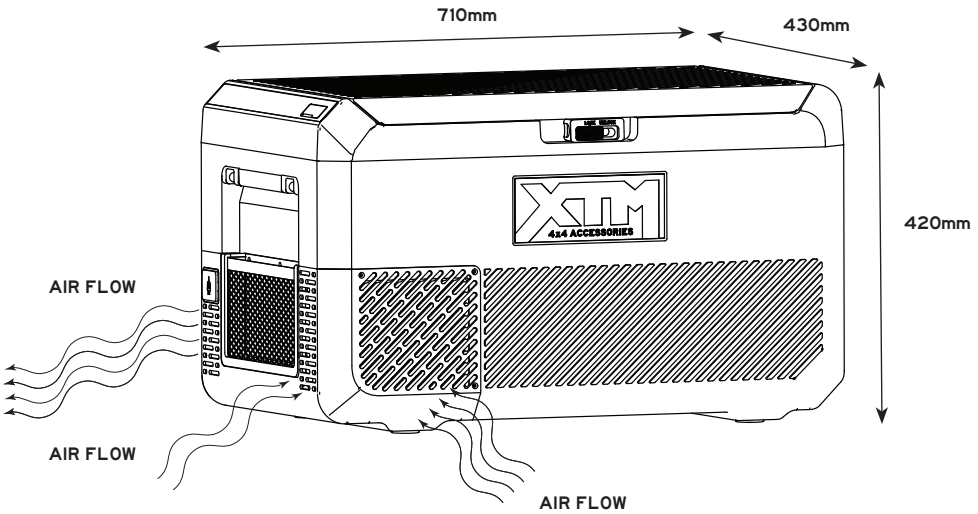
Adequate airflow is required around the compressor at all times so it is important to keep the grilles clear of obstructions during use. A minimum of 5-10cm of clearance around the grilles is recommended.

The cooling system has been designed to operate correctly when the appliance is positioned on angles up to 30 degrees. It is recommended that the time the unit is exposed to angles over 30 degrees is limited to a maximum of four (4) hours continuous operation.



30° MAXIMUM

KEY DIMENSIONS (IN MM)



INPUT POWER REQUIREMENTS

The fridge is designed to operate from a 12V DC or 24V DC supply (e.g. car cigarette lighter style socket, vehicle battery or suitably rated power bank). It may also be powered from mains supply using the included AC Adapter.

Before connecting your fridge to a power source, check:

+ The socket is rated to supply the correct voltage and current required by the fridge and is adequately fused.
+ The socket is clean and dry and will be protected from dirt and water during use.
+ If the socket is newly installed, it is recommended to use a minimum of Ø6mm (AWG11) 4.58mm² Twin Sheath Two Core cable directly connected to the positive and negative battery terminals with 15A in-line fuse protection.

NOTE: It is important that the correct cord size and gauge is used for the installation of the DC supply as over distance the voltage can decrease if the incorrect cord size and gauge cord is being used. We recommend to always consult a qualified automotive electrician.

CONNECTING & OPERATING YOUR FRIDGE FROM A DC SOURCE

+ Plug the supplied 12V/24V DC power cord into the DC power socket (as highlighted over page) on the end of the fridge and then connect to the vehicle cigarette lighter socket or suitable 12V or 24V DC power source.
+ The fridge will automatically turn on, there is no requirement to switch the appliance on.
+ The display will automatically show the current internal cabinet temperature.
+ Use only the DC power cord supplied with the fridge.
+ The fridge is equipped with an electronic control system that will prevent polarity reversal. In the event that the battery connection is reversed the unit will not start or operate. The fridge is fitted with a 15A fuse for protection.

If your fridge is cutting out prematurely, it could be due to:

1. The low voltage protection being set too high on the Battery Protection.
2. DC power cord and/or connections are not suitable to carry the required current. Check the power cord and all connections and adjust the Battery Protection on the control panel.

NOTE: A battery charger may only be connected to the battery when the fridge has been disconnected from the DC power source.

+ Over-voltage may cause damage to the electronics of the fridge.

CONNECTING & OPERATING YOUR FRIDGE FROM AN AC SOURCE

+ Check the adapter and cables for any damage, if any is found do NOT use it and contact Customer Service.
+ Securely insert the AC cable plug into the socket of the AC Adapter.
+ Securely insert the DC plug into the DC Input Socket on the XTM Portable Fridge Freezer.
+ Plug the 3 pin mains plug into a suitable wall outlet - Ensure the wall outlet is switched off before inserting the plug. Route the cables and position the adapter to prevent any damage and allow sufficient clearance to prevent excessive heat build-up during use.
+ Turn on the wall outlet switch. Your XTM Portable Fridge Freezer should power up and operate as normal. It is recommended to set the Battery Protection level on the fridge to Low setting when operating it off this AC Adapter.
+ Only use the supplied AC Adapter and cables with this fridge.

BATTERY PROTECTION SETTING

The fridge is equipped with a multi-level Battery Protection that protects a battery against excessive discharging when the fridge is connected to 12V or 24V DC power source such as a vehicle battery.

IMPORTANT: When using the fridge with supplied AC Adapter, we recommended setting the Battery Protection to LOW.

1. **The fridge will automatically restart once input voltage is reached and will retain all original settings prior to monitor being activated.**
2. **Audible beeping will be heard when monitor is activated.**

12V DC INPUT	CUT OUT	CUT IN
HIGH	11.1V	12.4V
MEDIUM	10.4V	11.7V
LOW	9.6V	10.9V

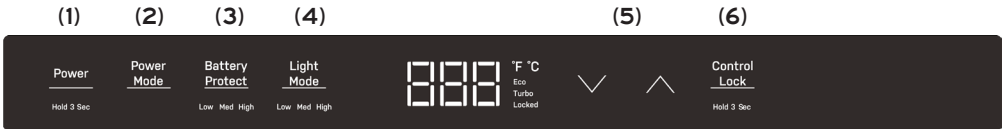
24V DC INPUT	CUT OUT	CUT IN
HIGH	22.9V	23.9V
MEDIUM	22.3V	23.3V
LOW	21.3V	22.7V

CONTROL PANEL AND OPERATION

When your fridge is first connected to a power source the appliance will automatically switch on and the LCD control panel will display the current cabinet temperature, Battery Protection and Cooling Power Mode setting as well as the Light Mode setting.

+ The Temperature Controller provides the ability to set the desired temperature level and display the current cabinet temperature. The electronic controller has been programmed to maintain an average of the set temperature.
+ The compressor will start up when the internal cabinet temperature increases 0.5 to 1.5 degrees above the set temperature and will run until the temperature is 0.5 to 1.5 degrees below the set temperature.

1	POWER	Press and hold the Power button for 3 seconds to Power unit on or off.
2	POWER MODE	Press Power Mode button to switch between Quick mode and Eco mode
3	BATTERY PROTECT	Press Battery Protect button to select Low, Middle or High level.
4	LIGHT MODE	Press the Light Mode button to adjust the light's setting to low, middle, or high.
5	TEMP. ADJUST	Press up/down arrows to adjust the desired temperature.
6	CONTROL LOCK	Press Control Lock button for 3 seconds, to lock and unlock the control.



POWER MODE

+ Press Power Mode button to switch between Quick mode and Eco mode; the corresponding icon will be lit.
+ Default setting is Eco mode.

CHANGING TEMPERATURE SCALE

+ Press and hold the Λ and V keys for 10 seconds, the current temperature display unit will flash, and press Λ or V key briefly to switch between "°C" and "°F" When the power to the cooler is turned on.
+ Default setting is "°C".

BATTERY PROTECTION

+ When the power to the cooler is turned on, press the Battery Protect button to enter battery protect mode. The panel will display the current setting.
+ In selection mode, press the Battery Protect button to cycle to the next setting option.

The panel will display LOW > MED > HIGH.

+ The default setting is MED.

TEMPERATURE SETTING

+ Press Λ or V button to increase or decrease the temperature setting.
+ The default temperature setting is 5°C.
+ Each time the Λ or V is short pressed, the temperature setting will change 1°C, while Λ or V is long pressed, the temperature setting will change 4°C.
+ The Temperature range setting from -18°C to +10°C.

DISPLAY LIGHTING

+ Press Light Mode button to activate and enter light setting mode.
+ In selection mode, press the Light Mode button to cycle to the next setting option.

The panel will display LOW > MED > HIGH.

+ The default is HIGH.

SETTING	ACTIVE BRIGHTNESS	SLEEP
LOW	Panel LED's will light at low brightness I nternal LED light will light at low brightness	After 5 sec all LED's will turn off except Power
MEDIUM	Panel LED's will light at high brightness Internal LED light will light at low brightness	After 20 sec all LED's will turn off except Power
HIGH	Panel LED's will light at high brightness Internal LED light will light at high brightness	Sleep not active

CONTROL PANEL LOCK

+ Press and hold Control Lock button for 3 seconds to lock or unlock the control. When the control lock is activated, all buttons are disabled.
+ Once the Control Lock is selected, press any button, the Control Lock indicator LED will flash to indicate the control is locked.
+ When the power is turned off or if there is a sudden loss of power, the control lock function will retain its previous setting when power is restored.

USB-A AND USB-C SOCKETS

+ The DC cooler has 2 USB-A ports and 1 USB-C which can be used to charge a phone or power small items while the fridge is connected to a power source.
+ Power output is 15W (5V/3A) max across the 3 sockets (i.e. 3 in use: 5W MAX each, 2 in use: 7.5W MAX each, 1 in use: 15W MAX).

NOTE: Ensure the sockets are protected from water/dust by securely fitting the rubber plug when not in use.

DO NOT use the sockets while wet.

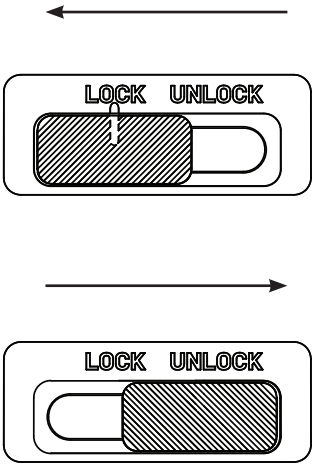
MUTING SOUNDS

+ Once the unit is powered ON, press and hold Power Mode and V button to turn on or turn off the buzzer sound function.
+ Default is ON.
+ When the unit is turned ON or OFF, there will be a long beep sound.
+ When a function button is used correctly, there will be a beep to indicate the selection is activated.
+ When a function button is used incorrectly or if the controls lock is enabled, there will be two sounds of beeps to indicate the selection is deactivated.
+ When the unit detects a fault, there will be a warning beep for 4 seconds.

LID LATCH OPERATION

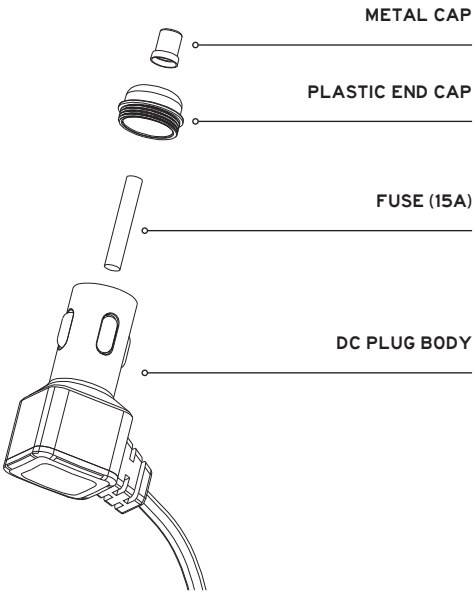
The lid of the fridge has a lock feature to prevent the lid being opened inadvertently during transit or when being moved or at other times when you want to ensure the lid remains securely closed.

+ Slide the latch to the left to lock the lid.
+ Slide the latch the right to unlock the lid.



REPLACING THE DC FUSE

+ Unscrew the plastic end cap of the DC plug.
+ Carefully remove the end cap and metal cap on the end of the fuse.
+ Remove the defective fuse.
+ Insert the new fuse. Make sure it is the same type and rating (15A).
+ Place the metal cap back onto the top of the fuse and then screw the plastic end cap back on.

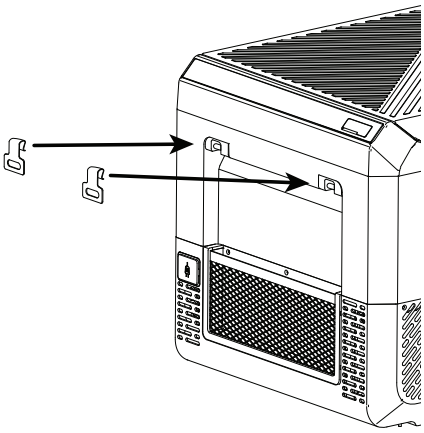


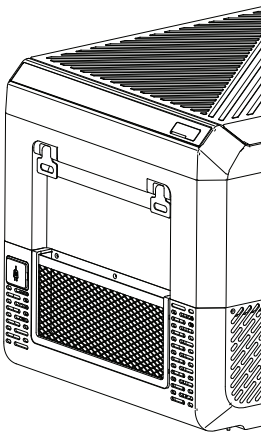
TIE-DOWN BRACKETS

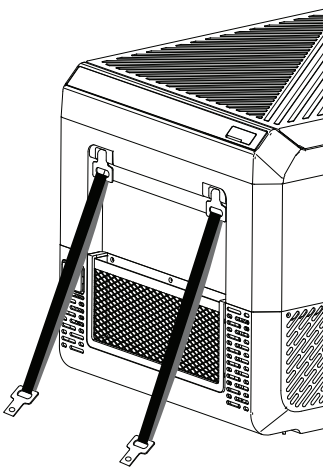
The fridge comes with 4 handle tie-down brackets to make securing to a fridge slide or to a vehicle using adjustable straps easy (note straps to be sourced separately).

The metal brackets clip into the bars to the sides of the handles at each end of the fridge.

- **To insert, angle to lower part of the bracket inward and push the bracket over the bar until it clips in place and swings freely.**
- **You can then feed your tie-down strap through the slot in the bracket and through the tie-down point on your fridge slide or vehicle.**
- **Repeat for all 4 locations and tighten the straps securely.**
- **If you need to remove your fridge from your fridge slide or vehicle, you can loosen the tie-down straps (without fully removing them).**
- **Then un-clip the tie-down brackets from the fridge, leaving them with your straps attached to the fridge slide or vehicle tie-down points.**
- **To remove the tie-down brackets, place your thumb on the body of the fridge above the bar and using your fingers, rotate the bracket inward and pull the bracket up and out via the slot away from the fridge.**







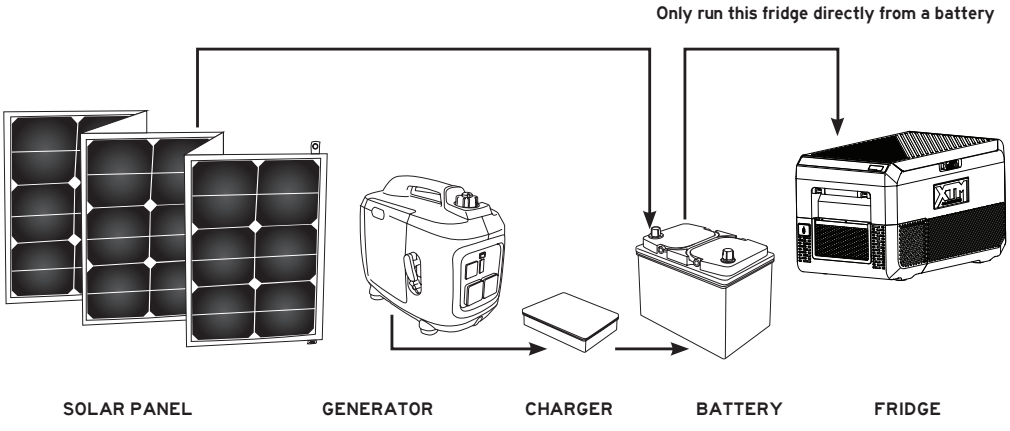
Tie-down straps and lower anchor points/fridge slide need to be sourced separately and sized appropriately from the fridge size and weight

USING WITH SOLAR PANELS

+ The power consumption and efficiency of your fridge makes it ideal to be used in conjunction with solar panels to provide recharging of the DC power source. Solar panels will provide charge into the battery during the daylight hours even while the appliance is operating.
+ As the output from solar panels changes depending on the level of sunlight and intensity, your fridge cannot be connected directly to the solar panels. The appliance must be connected to a suitable DC battery and then the solar panels connected to the battery.
+ We recommend the use of the quality portable solar panel kits from 100 to 200 watts for use with your fridge. DO NOT connect the fridge directly to the solar panel as it will not work. Connection must be via the battery.

USING PORTABLE GENERATORS

+ It is important that the your fridge is never connected directly to a generator. This fridge is designed to operate directly from a battery. Using from a generator may result in damage to your fridge which may void your appliance warranty.
+ Most generators are fitted with a DC power output socket - DO NOT connect your fridge directly to the DC power output of the generator as this will result in damage to your fridge and void warranty. Connection must be via the battery.
+ When charging the battery using a digital or inverter type generator, we recommend only using a 'smart battery charger' that is fully automatic, spark proof and reverse polarity protected. The battery charger is connected directly to the AC power output of the generator.



TIPS AND SUGGESTIONS

+ When the appliance is being set at 0° or lower temperatures, do not store glass bottles or liquids such as beer, milk, juices or soft drinks in the unit as these may freeze and shatter.
+ To improve the efficiency of your fridge it is better to have the fridge as full as possible at all times. A full fridge will provide lower power consumption over 24 hours than a half empty one. When the fridge is full there is little air space between the goods so the cold air is trapped, but when there is lots of air the coldness cannot be captured and held. On a trip it is a good idea to replace finished products with bottles of water or similar. This will fill the empty spaces and allow the coldness to remain within the fridge.
+ Frequent fridge opening will allow warm air to enter the fridge. Keep the number of times you open the fridge to a minimum where possible.
+ When located in the rear of a car or trailer, it is recommended that the appliance be kept away from direct sunlight to reduce the risk of increased heat. It should also be provided with suitable ventilation to guarantee efficient power consumption and performance. You must remember that when a vehicle is parked in the sun on a day where the ambient temperature is +30°C, the interior of the vehicle can reach +55°C.

MAINTENANCE AND SERVICE

Your fridge will be delivered cleaned from the factory – you nevertheless should clean prior to initial use. Take a cloth which has been slightly moistened with lukewarm water. Pay attention that no water drops into the seals and possibly damages the electronics. Dry off the fridge with a cloth after cleaning. Clean your fridge periodically and as soon as it is dirty.

ATTENTION:

+ DO NOT use solvents or agents with sand or acid parts for cleaning your fridge.
+ DO NOT use brushes, graters or hard sharp tools to clean your fridge.
+ Before cleaning, the power cord should be disconnected and the fridge switched OFF.
+ Clean the fridge inside and out with a damp cloth. For stubborn dirt, use some sodium bicarbonate dissolved in lukewarm water.
+ After washing, rinse with clean water and dry carefully.
+ When storing your fridge for a long period of time, DO NOT fully close the fridge. This will prevent mould and odours.
+ For additional queries, service and maintenance please contact our After Sales Support. They will provide you with expert advice on further information you may require.

DISPOSAL

When it comes to the end of its working life, your fridge should be disposed of responsibly to ensure that it does not contaminate the environment. It would be advisable to contact your local council for where to recycle your fridge.

ERROR	ISSUE	POSSIBLE CAUSE
	Fridge does not work	Check if power is connected properly (check plugs are securely positioned and positive and negative not reversed)
		Check power switch in ON
		Check if cooling unit ventilation is not blocked or restricted
		Check the fuse of the unit and at the supply
	Poor cooling performance	Check that the fridge is securely closed
		Check if there is any damage to the fridge seals
		Check if cooling unit ventilation is not blocked or restricted
		Check the set temperature is adequate
	Abnormal noise	Check if refrigerator is level
		Check for vibration sources in surrounding objects
		Check for loose items in the fridge
		Water flow type noise is normal and not sign of any fault in the unit
	Condensation	It is normal for some condensation to form on the refrigerator surface when humidity is more than 75%
E1	Low Input Voltage	Power cord was inserted into the cigarette socket before car starts - wait for car engine to start before plugging in
		Battery protection level setting is too high - adjust the protection setting or change to a power source with a higher output voltage
E2	Fan Fault	Contact service to have the fan replaced
E3	Compressor Start Fault	Check ventilation grilles are not blocked or restricted.
		Ambient temperature may be too high - if possible move fridge to a cooler location
		Shut down the fridge for 5 minutes and restart it - if it doesn't fix the issue, follow the procedures for E1 error
E4	Compressor Operation Fault	Check the input voltage to the fridge and restart
E5	Overheat of Controller	Shut down the fridge for 5 minutes and check for cooling unit ventilation restrictions or blockages
		Ambient temperature may be too high - if possible move fridge to a cooler location
E6	NTC Open or Short Circuit	Check ventilation grilles are not blocked or restricted.
		Ambient temperature may be too high - if possible move fridge to a cooler location
		Contact service to have the NTC sensor checked,

PART NO.	CFR5030XTM
GROSS CAPACITY:	41L
CLIMATIC CLASS:	T/ST/N/SN
RATED VOLTAGE - DC:	12V / 24V DC
RATED CURRENT - DC:	8.5A/4.3A
IP RATING:	IPX4
PROTECTION LEVEL:	
REFRIGERANT TYPE/AMOUNT:	R134a - 47g
FOAM VESICANT:	Cyclopentane
TEMPERATURE RANGE:	-18°C to +10°C
NET WEIGHT:	16KG

For further information or assistance please contact customer service on 1300 174 876

XTM

4x4 ACCESSORIES

NGX40 FRIDGE FREEZER 41L

CFR5030XTM

PLU 677675

FOR SERVICE, SPARE PARTS OR PRODUCT INFORMATION, PLEASE CONTACT SITRO GROUP AUSTRALIA PTY LTD.

Mon - Fri 8.00am - 5.00pm (AEST)
Do not return to place of purchase
Keep your purchase receipt, this will be required to make any claims under the 5 Year warranty.

AUST. 1300 174 876

Manufactured in China for
SUPER RETAIL GROUP LIMITED
6 Coulthards Ave, Strathpine. Queensland 4500, Australia

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