

# EVAKOOL

## KOOLMATE

# INSTRUCTION MANUAL

FOR MODELS

KM55

KM80



CHILLED FOR GOOD TIMES



**Please read operating manual carefully before using your unit.**

**Please keep manual in a safe place.**

**If lost find a digital copy at [Evakool.com.au](http://Evakool.com.au) or contact Evakool on (07) 5492 5495.**

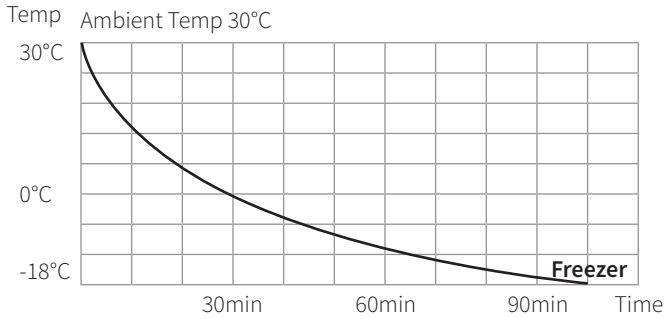
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## 1. Features

This advanced fridge, combines the latest compressor and computerised digital control system technology. The high efficiency compressor will freeze to  $-18^{\circ}\text{C}$  at  $30^{\circ}\text{C}$  ambient temperature.

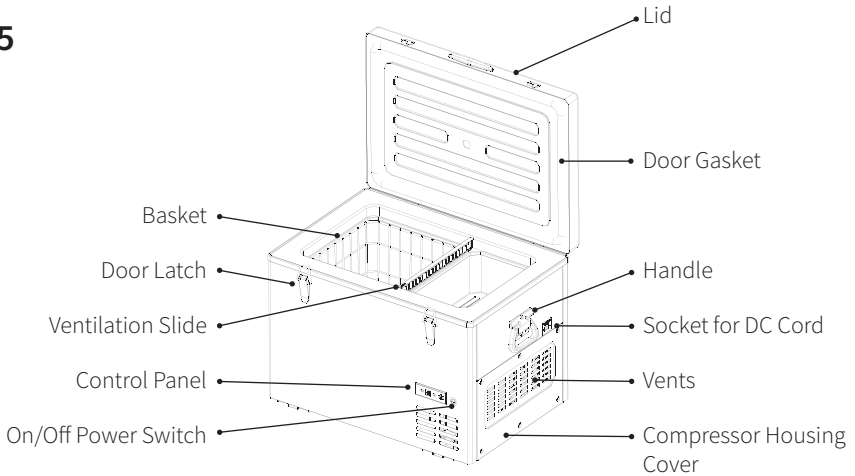
### Perfect Cooling Performance



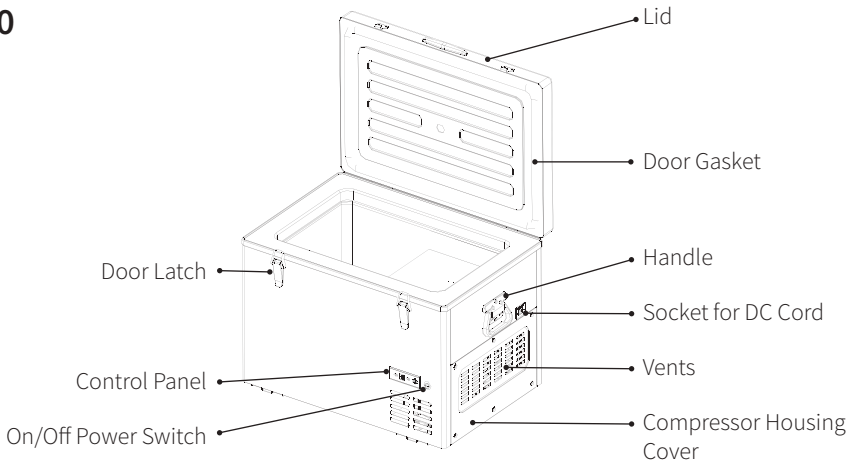
(the data for reference only)

## 2. Technical Drawings

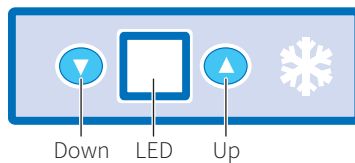
### KM55



### KM80



### Control Panel





### 3. Safety Instructions

- Keep fridge upright while it is turned on and in use.
- Never switch the fridge on with wet hands or when your feet are in contact with water.
- Always ensure that the correct voltage and current is applied to the fridge. The voltage and current is clearly marked on the manufacturer's label which can be found underneath the fridge.
- Ensure the power source can safely supply the required current when you use the AC/DC adapter.
- Do not carry corrosives or solvent material in your fridge.
- Never obstruct vents as they supply the necessary airflow to the motor and fan.
- Do not fill cooler with liquid or ice.

**Safety indications in the text are marked with this symbol:**



### 4. Application

		<b>Suggested uses:</b> <ul style="list-style-type: none"><li>• Travelling</li><li>• Picnics</li><li>• Camping</li><li>• 4WDs</li><li>• Trucks</li><li>• Other outdoor activities</li></ul>
DC 12V/24V or optional AC 100/220V Ensure input power of 12V DC or 24V DC		

The fridge is ideal to use on camping trips. If you wish to refrigerate medicines, first check the cooling capacity meets the recommendation listed on the medication.

### 5. Installation

- Please make sure that no parts are missing after unpacking the fridge.
- Place the fridge on a dry flat surface.
- The fridge should not be used where it may be exposed to rain.
- The fridge should be installed in a position that allows adequate ventilation.
- Do not locate the fridge anywhere the room temperature is below 0°C or above 32°C.

### 6. Operating Instructions

The fridge can be operated with 12V/24V DC. Prior to connection, check whether the voltage indicated on the manufacturers label is in accordance with the battery voltage. Connect your fridge to the cigarette lighter socket of your vehicle with the 12V/24V DC.



**Note:** The fridge can be operated between 10.3V and 17.5V DC or 22V and 26V DC. If the voltage is out of range, the fridge will not work. Over voltage could cause damage to the electronic components of the fridge.

## Operation from main power

When using the fridge indoors from mains, please use the AC/DC adapter (optional item).

## 7. Temperature Settings

- Press the power switch to switch fridge on or off.
- Press the 'up' button or 'down' button to adjust the temperature.
- Press the 'up' button once to adjust the temperature by +1°C.
- Press the 'down' button once to adjust the temperature by -1°C.
- Maximum cool setting is -19C.



**Attention:** Only qualified technicians may modify the fridge with approval of the manufacturer.

## 8. Tips for Energy Saving

- Place the fridge in a cool and dry place away from direct sunlight.
- Always cool the food or drink before storing them into the fridge.
- Do not set the temperature colder than you require.
- Do not open the fridge more than necessary.
- Do not leave the lid open longer than necessary.

## 9. Storage

When storing your fridge it is recommended to leave the lid slightly open. This will prevent mould from forming, and will keep stale odours out of your fridge. It is also recommended to follow our cleaning procedures prior to storing your cooler.

## 10. Cleaning

Your fridge does not need to be cleaned before initial use.

1. Clean your fridge with a soft cloth moistened with lukewarm water.
2. Pay attention that no water drops into the vents, as this may lead to damage to the electronic components.
3. Use a soft dry cloth to completely dry the fridge after cleaning.
4. Clean the fridge after use and before storage.



**Attention:** Never use solvents or abrasive cleaners, as this will damage the fridge. Do not use scourers or scrapers to clean your fridge.

## 11. Trouble Shooting

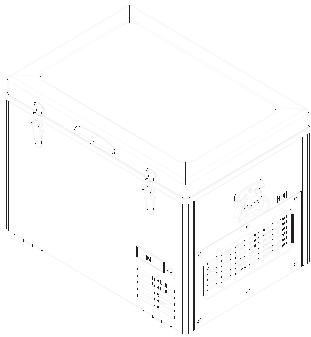
PROBLEM	CAUSE	SOLUTION
The fridge is not cooling.	Loose contact between plug and unit socket.	Plug firmly into unit socket and cigarette lighter.
	Power voltage is out of range.	Check unity whether it's plugged into power supply of 12V or 24V, ensure that the battery charge is not too low or too high.
	The temperature sensor is malfunctioning.	Contact a local repair centre to replace a fan motor.
The fridge is not cooling well.	The fan motor is not running.	Contact a local repair centre to replace a fan motor.
	Unit is exposed to direct sunlight.	Place the unit in a shady, cool place with good airflow.
	Are vents or condenser blocked?	Clean the vents and the condenser, make sure the unit has good ventilation.
There is a strange noise or vibration during operation.	Unit is malfunctioning.	To prevent breakdown, turn the unit off immediately and unplug it from cigarette lighter. Contact a local repair centre.
There is a burning smell	Unit is malfunctioning.	To prevent breakdown, turn the unit off immediately and unplug it from cigarette lighter. Contact a local repair centre.
LED display 'E1' unit not running	Not enough power supplied to the unit.	Check unity whether it's plugged into power supply of 12V or 24V, ensure that input voltage is not too high.
LED display 'E2' unit not running	Too high voltage supplied to the unit.	Check unity whether it's plugged into power supply of 12V or 24V, ensure that input voltage is not too high.
LED display 'E3' unit not running	Temperature sensor is disconnected or faulty.	Check temperature sensor's plug, or replacing.



## 12. Technical Data

	KM55	KM80
Capacity	55	80
Rated Voltage	12V/24V DC	
Total input power (W)	46	55
Refrigerant R134a	47 grams	58 grams
Product Dimensions (mm)	690 x 490 x 535	690 x 490 x 570
Pack Dimensions (mm)	745 x 545 x 630	745 x 545 x 670
N. W/G. W (kg)	27/30	25/28

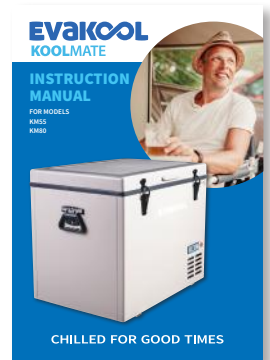
## 13. Included Items



Fridge Freezer



12V Power Cord



User's Manual



**NOTE: All information in this manual is subject to change without notice.**

## 14. Warranty Statement/Terms & Conditions

Nexberg Pty Ltd trading as EvaKool undertakes to the original purchaser that this product is sold free of defect in materials and/or workmanship under normal use for a period of **24 months**. Subject to the following:

- The warranty period commences from the date of purchase by the original purchaser from an authorised EvaKool dealer.
- EvaKool will honour this warranty on presentation of proof of purchase of the unit to EvaKool or its approved service agent. The service agent may be requested to provide EvaKool with a photocopy of the proof prior to warranty being honoured.
- EvaKool will not be held responsible for any costs incurred in making a warranty claim.
- Please telephone (07) 5492 7777 for the name of an authorised service agent or refer to list provided on website. It is the purchaser's responsibility to freight the unit to and from the service agent.
- EvaKool will not be held responsible for any damage or loss suffered or cost incurred whilst fridge is in transit.
- Warranty repairs may only be carried out by an authorised service agent. EvaKool will not reimburse repair claims carried out by unauthorised service agents. Any unauthorised tampering with any part of the unit will automatically void the warranty.
- Service agents may charge a fee for viewing or testing the unit. This is not covered by EvaKool or this warranty and is payable at the service point unless authorised by EvaKool.
- Any EvaKool authorised service centre in Australia will be able to carry out the service of your unit. If a repair needs to be undertaken and is covered in terms of this warranty a warranty authorisation number must be obtained prior to commencement of any work.
- **EvaKool will not accept a warranty claim if:**
  1. Modifications have been carried out to the unit without EvaKool's written authority.
  2. Damage to or failure of the unit has been caused in EvaKool's opinion by incorrect, extreme or unreasonable use.
  3. Damage to or failure of the unit has been caused in EvaKool's opinion by misuse, neglect, accident, impact or similar cause. Refer the preventative maintenance guidelines.
- EvaKool has total discretion of the variation of the warranty terms.
- Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for major failure and for compensation for any other reasonably foreseeable loss or damage. you are also entitled to have the good repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.
- The above warranty conditions are in addition to any other rights and/or remedies as per the applicable law.
- Failure to follow the guidelines/recommendations in this manual may void the warranty.
- This warranty cannot be varied by others.

***Please retain your receipt or proof of purchase for warranty purposes.***



# EVAKOOL

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For your nearest stockist contact EvaKool

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E: [warranty@evakool.com](mailto:warranty@evakool.com)

or visit us at [evakool.com.au](http://evakool.com.au)