



TRAVELMATE

Instruction Manual



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Please read these instructions and the Safety Instructions carefully before using your refrigerator.

1. Safety Instructions	Page 2
2. Notes on using the product	Page 2
3. Operation	Page 2-3
4. Cleaning and Maintenance	Page 5
5. Troubleshooting	Page 5
6. Error Codes	Page 6
7. Warranty Statement	Page 7



TRAVELMATE

Instruction Manual

Features:

- Reliable cooling system with Danfoss designed compressor manufactured by SECOP
- Efficient electronic technology, low energy consumption
- Multi-voltage system (DC 12-24 Volt) and (AC 100-120/220-240 Volt)
- Digital Battery Protection - protects your vehicle battery effectively

1. Safety Instructions

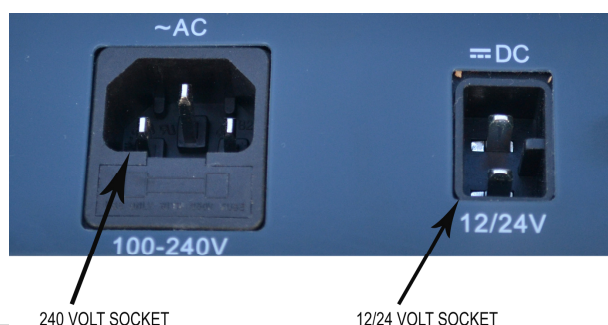
- Warning: Do not touch exposed cables.
- Warning: Do not use fridge if you suspect any connections could be wet.
- When using the fridge please ensure the circuit being used is fused.
- Any installation of DC power sources should be handled by a qualified professional.
- Make sure the source voltage is correct. The technical data label shows the voltage data.
- Do not place any electrical devices inside the refrigerator as moisture could harm these devices.

2. Notes on using the product

- ❖ Your refrigerator requires good ventilation, especially around the vents of the refrigerator; allow a gap of at least 200mm around the vents and 100mm around the rest of the unit.
- ❖ Avoid humidity: humidity inside the appliance can form frost and impair cooling. Do not allow frost to build up.
- ❖ Never wash the appliance using a hose or running water and never submerge the unit, as water will damage the electronics.
- ❖ Avoid placing your refrigerator near a heat source. A cooler environment helps the refrigerator to work more efficiently and keep the contents cool.
- ❖ Place the refrigerator on a flat surface and away from any edges. When using the fridge in a vehicle, please use a fastening device to secure it.

3. Operation

- ❖ **Power:** The refrigerator can be powered by a multi-voltage system utilizing either 12/24 Volts or 240 Volts. The electronic module controls the compressor motor and has the added function of a three stage battery protection. When the input voltage drops below the minimum, the compressor will cut out; when the voltage comes back up to the cut-in value, the compressor will restart automatically.
- ❖ **Battery Protection:** The Danfoss compressor requires over 10.4 Volts (12 Volt System) or 23.0 Volts (24V System) to operate. If the voltage drops below this the fridge will stop operating.





TRAVELMATE

Instruction Manual

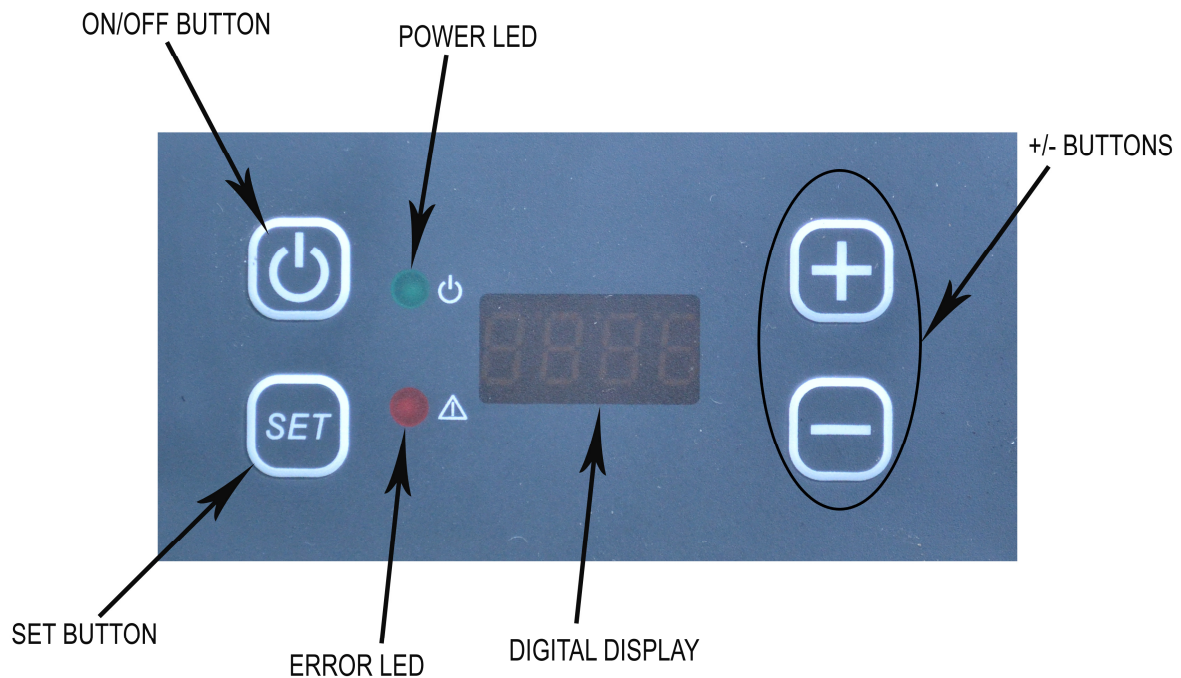
❖ Cable Specification

The DC cables must have a suitable cross-section for their length, according to this table:

Cable Area		12V Max Cable Length*		24V Max Cable Length*	
[mm ²]	AWG	[m]	[ft.]	[m]	[ft.]
2.5	12	2.5	8	5	16
4	12	4	13	8	26
6	10	6	20	12	39
10	8	10	33	20	66

***Note:** The length is from the battery to the refrigerator.

Display Panel



Using the Fridge

- **TO TURN ON:** Plug in the DC or AC power cable. The LED display on the control panel will light up and the interior temperature will be displayed.
- **NOTE:** IF THE UNIT IS OFF, ONLY AN ORANGE LED WILL BE ILLUMINATED. TO TURN ON YOUR UNIT PLEASE HOLD THE ON/OFF SWITCH DOWN UNTIL THE POWER LED CHANGES TO GREEN AND THE LED DISPLAY IS ILLUMINATED.



TRAVELMATE

Instruction Manual

- **SETTING THE TEMPERATURE:** Press **SET** once and then the display will flash then press the **+** and **-** buttons to adjust the temperature. Press the button **+** to increase and the button **-** to decrease the temperature. To lock in the target temperature press **SET** three times. The display board will display the current temperature inside the unit after the target temperature is set. After approximately 5 minutes the displayed temperature will start to decrease.
- Temperature setting range: $-20^{\circ}\text{C} \sim +10^{\circ}\text{C}$, $-4^{\circ}\text{F} \sim +50^{\circ}\text{F}$;
- If the power supply is cut off, the refrigerator will switch off automatically and then automatically switch on again when the unit receives power.
- To change the fridge between $^{\circ}\text{C}$ and $^{\circ}\text{F}$. Press **SET** twice and then **+** or **-** to change the setting. Press **SET** twice to lock this in.
- **CHANGING BATTERY VOLTAGE PROTECTION:** To change the battery voltage setting press the **SET** button three times and then use the **+** or **-** to change the setting. Press **SET** once to lock this in. The three voltage settings are as follows :-
(Evakool recommends you keep the setting on LO)
 - LO – 10.4 Volts
 - NE – 11.2 Volts
 - HI – 12 Volts

USB Charging Port and Thermostat Override Switch



Thermostat Override Switch

USB Charging Outlet

- ❖ **USB Port** – This USB port can be used to charge small devices. E.g. mobile phones and remote controllers. The socket is rated to 500mA / 5 Volts.
- ❖ **Thermostat Override switch** – If your digital thermostat fails and you are unable to set the temperature, turn this switch to Emergency override. This enables the fridge to run until you reach a service centre to replace the faulty component.
 - If emergency override is enabled the compressor will attempt to run 100% of the time. As this removed the ability to set the internal temperature and will increase power usage (Total consumption), it is not recommended for everyday use.



TRAVELMATE

Instruction Manual

4. Cleaning and maintenance

- Clean the appliance inside and out with a damp cloth every week. If it is dirty, use sodium bicarbonate dissolved in lukewarm water to clean the unit.
- Never use abrasive products, detergents or soap. After washing, rinse with clean water and dry carefully. Do not leave the refrigerator off with food inside or lid closed.
- Never clean the appliance under running water. Do not use abrasive cleaning agents or hard objects during cleaning as these can damage the refrigerator.

5. Troubleshooting

➤ The appliance is not turning on.

- Check the power supply
- Check whether the plug and the socket have a good connection.
- Check whether the fuse has been burned out
- Check whether the appliance has been turned on (Press and hold ON/OFF Button)

➤ The food inside is frozen.

- The setting temperature is too low
- Thermostat override switch is enabled

➤ Bad performance in refrigeration

- Too much food been placed inside the refrigerator
- The lid is unlocked/or open
- The lid seal is broken
- Problems arising from poor ventilation
- There is too much warm product inside
- There is no room around the fridge and vents
- There is a heat source near the unit
- The temperature setting is inappropriate

➤ Hear the sound of water from inside the unit

- This is normal, due to the flow of the refrigerant.

➤ Unusual noise when refrigerator is working

- The refrigerator is not placed on a level surface
- Some part has come loose inside the refrigeration compartment (see a service agent)



TRAVELMATE

Instruction Manual

6. Error Codes

The error codes are depicted by a number of flashes by the error light in a sequence every four seconds.

Code	<u>Reason / Solution</u>
ERR1 or ERR2 (On Display instead on temperature)	Faulty temperature probe <ul style="list-style-type: none">- Please call Evakool for closest service centre.
1 Flash	Low Voltage <ul style="list-style-type: none">- Please check the source voltage to ensure it is above the cut out. Try lowering the voltage cut out setting to LO.- The vehicle cabling may be inadequate or unsuitable, please refer to cable specifications table for correct cable thickness.- Try the refrigerator on a different power source.
2 Flashes	Fan or compressor running issue <ul style="list-style-type: none">- Fan is drawing too many Amps (Over 1 Amp) – Replace Fan.- The compressor is drawing too many amps (Over 12 Amps)- Possible Electronic Box or compressor fault – contact Evakool or Service Agent
3 Flashes	The compressor speed is too low <ul style="list-style-type: none">- Reduce products / items inside unit- Move unit to a lower ambient temperature- Clean vents / ensure clear air flow over compressor
4 Flashes	Ambient Temperature too high <ul style="list-style-type: none">- Clean vents / ensure clear air flow- Fan Fault – Replace fan



TRAVELMATE

Instruction Manual

EVAKOOL TRAVELMATE FRIDGE FREEZER RANGE

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 60 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 of purchase to obtain approval to proceed prior to warranty being honored.
- 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 authorized service agent or refer to list provided on our 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 unauthorized service agents. Any unauthorized 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 authorized by EvaKool.
- Any Evakool authorized 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 authorization 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 on 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 goods 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.

COMPLETE THE ENCLOSED WARRANTY CARD AND
RETURN WITHIN THIRTY (30) DAYS OF PURCHASE

POST or Register your product warranty

ONLINE at www.evakool.com



TRAVELMATE

Instruction Manual
