

# ★ ★ ★ ● **TRISTAR**

**KB-7645**

EN *Instruction manual*



  
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spare parts at **service.tristar.eu**

Dear customer,

*Congratulations and thank you for purchasing this high quality product. Please read the instruction manual carefully so that you will be able to make the best possible use of the appliance. This manual includes all the necessary instructions and advice for using, cleaning and maintaining the appliance. If you follow these instructions you will be guaranteed of an excellent result, it saves you time and will avoid problems. We hope you will have a great deal of pleasure from using this appliance.*

 **service** You can find all information and spare parts at  
.tristar.eu **service.tristar.eu!**

-  An answer to all your questions
-  Tips and tricks on how to use your product
-  Order spare parts for your product online
-  Register for software updates for your product

## SAFETY INSTRUCTIONS

- Please read the instruction manual carefully before using the device. Please keep these instructions, the guarantee certificate, the sales receipt and, if possible, the carton with the inner packaging.
- This appliance is not intended to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instructions concerning the use of the appliance by a person that is responsible for their safety.

- By ignoring the safety instructions the manufacturer cannot be held responsible for the damage.
- To protect children against the dangers of electrical appliances, please make sure that you never leave the appliance unattended. Therefore you have to select a storage place for the appliance where children are not able to grab it. Make sure that the cable is not hanging in a downward position.
- This appliance is only to be used for household purposes and only for the purpose it is made for.
- The appliance must be placed on a stable, level surface.
- All repairs should be made by a competent qualified repair service(\*).
- Make sure that the appliance is stored in a dry environment.
- Check if the voltage of the appliance corresponds to the main voltage of your home. Rated voltage: AC220-240V 50Hz. The socket must be at least 16A or 10A slow-protected.
- This appliance complies with all standards regarding electromagnetic fields (EMF). If handled properly and according to the instructions in this user manual, the appliance is safe to use based on scientific evidence available today.
- Never move the appliance by pulling the cord and make sure the cord cannot become entangled.
- The use of accessories that are not recommended by the manufacturer can cause injuries and will invalidate any warranty that you may have.
- Unplug the appliance from the socket when changing the spare parts or for maintenance.
- To protect yourself against an electric shock, do not immerse the cord, plug or appliance in the water or any other liquid.
- Do not use this appliance with a damaged cord or plug or when the appliance has malfunctions, or has been damaged in any manner. To avoid a hazard make sure that a damaged cord or plug will be replaced by a competent qualified repair service(\*). Do not repair this appliance yourself.

- Unplug the appliance from the socket when you are not using it.
- Do not use this appliance near direct heat sources.
- \* *Competent qualified repair service: after sales department of the producer or importer or any person who is qualified, approved and competent to perform this kind of repairs in order to avoid all danger. In any case you should return the appliance to this repair service.*

The hybrid coolbox is suitable for mobile use. It's equipped with two independent cooling systems. The device features a cooling system cooled by a fan and a cooling system which drives on a compressor.

In the thermo-electric mode (connection to 12V) the appliance is able to cool down the content up to 20 °C below ambient temperature. In compressor mode (connection to 230V), the appliance is able to cool down to -15 °C.

## INSTALLATION OF THE APPLIANCE

- Install the appliance on a firm, horizontal surface. To level the appliance, use a spirit level or a vessel containing water, if necessary. Avoid installing the appliance in direct sunlight or near any source of heat. The distance between the rear of the appliance and a wall shall not be less than 10 cm, and the minimum ventilating space from the sides of the appliance shall never be less than 5 cm. In all cases, the location shall be protected from rain and splashing. To guarantee a good level of air circulation, do not obstruct the ventilation grids of the upper, lower or rear surface of the appliance.
- Complying with the above will ensure efficient and economical cooling.
- Before the first use of the appliance, clean the inside and the cover of the appliance with warm water, adding detergent if necessary. Never use an abrasive product.

- On boats: If your appliance is connected to the mains, please make sure that the power supply is protected by a earth leakage circuit breaker.

## OPERATION WITH THE MAINS

- Check that the mains voltage corresponds to the operating voltage specified on the label (on the rear of the appliance).
- If the electrical specifications are correct, push the safety electrical plug into an earthed wall socket which is wired according to the specifications.

### Connect the unit only as follows:

- With the DC cable to a DC power outlet in the vehicle (for example a cigarette lighter)
- Or with the 230V cable to the 230V AC mains.

### Caution! risk of damage.

- Use the unit at one power source at a time. The simultaneous use of the thermoelectric cooling system and the compressor is not allowed.

### Start-up

- Turn the thermostat knob clockwise to the MAX position. In the compressor mode, the temperature can be set from + 10 °C to -15 °C. In the thermo-electric mode, it's not necessary to set the temperature.
- In the thermo-electric mode (connection to 12V) the appliance is able to cool down the content up to 20 °C below ambient temperature. In compressor mode (connection to 230V), the appliance is able to cool down to -15 °C.
- The effects of the cooling process (frost on the evaporator) only become visible after about an hour.
- After a sufficient cooling period (approximately a ½ hour), the thermostat can be set to an intermediate position. The selected temperature is regulated automatically by the thermostat.

**Shut-down**

Turn the thermostat knob anti-clockwise to the "0" position.  
Remove the plug from the wall outlet.

**STORING FOOD**

- Liquids to be stored in the refrigerator shall always be placed in a closed vessel.
- The air circulation inside the appliance must not be obstructed.
- Never place hot food or drinks in the appliance.
- Never keep flammable liquids and/or gases inside the appliance.  
Danger of explosion.

**Defrosting – Measures to be taken if the appliance is to be left unused for a long period**

- The appliance must be defrosted regularly, in order to ensure that it operates correctly.
- To defrost the appliance, disconnect it and remove all food. If necessary, use a cloth soaked with hot water. After de-icing, mop up the water with a dry clean cloth and clean the inside.
- In order to prevent unpleasant odor, leave the cover of the refrigerator slightly open.


**MAINTENANCE**

- Clean the appliance regularly with warm water, containing a detergent if necessary.
- Never use an abrasive product. Dry the cleaned surfaces with a soft cloth. Use only clear water to clean the seal of the cover, and then coat the seal with talcum powder.
- All repairs, particularly of the cooling unit, must mandatorily be carried out by a qualified technician.

**SERVICE**

If a problem occurs, carry out the following checks:

- Is the appliance installed in a horizontal position?
- Is there sufficient ventilation?
- For 230V mains operation, check that the mains supply is correct. And is the thermostat set correctly?
- Has too much food been placed inside the appliance all at once?  
Arrange the food so that the air is free to circulate inside the refrigerator.
- Do not use pieces cardboard or plastic as separations. Keep vessels containing liquids closed.
- If, despite the above checks, you still need to contact the service department, describe the failure and state the type of equipment and its serial number (these are marked on the rating label).

Tristar Europe B.V. Jules Verneweg 87 5015 BW Tilburg, The Netherlands		
Product name / Productnaam / Nom de produit / Produktname / Nombre del producto / Nome do Produto / Nazwa produktu / Nome del prodotto / Produktnamn / Jméno produktu / Název výrobku:		Cool box - Koelbox - Glacière - Kühlbox - Nevera Portátil - Gelerira - Lodówka turystyczna - Borsas Frigo - Kylvbox - Chladicí Box - Chladicí Box
Item number / Modelnummer / Réf. modèle / Artikel Nummer / Referencia / Referência / Numer pozycji / numero di articolo / Artikelnummer / Číslo zboží / Číslo položky:		KB-7645
Net volume / Netto volume / Volume net / Nettovolumen / Volumen neto / Volume líquido / Pojemnosť netto / Volume netto / Nettovolym / Český objem / Čistý objem:		41 L
Climate classification / Klimaatclassificatie / Classification de climat / Klima Klassifikation / Clasificación de Clima / Classificação climática / Klasa klimatyczna / Classificazione clima / Klimatklassificering / Klimatská trieda / Klimatská trieda:		SN, N, ST, T
Insulation class / Isolatieklasse / Classe d'isolation / Isolierungsklasse / Clase de Aislamiento / Classe de isolamento / Klasa izolacji / Classe di isolamento / Isoleringsklass / Třída izolace / Trieda izolácie:		I
Refrigerant / Koelmiddel / Réfrigérant / Kühlmittel / Refrigerio / Refrigerantes / Czynnik chłodniczy / Refrigerante / Kältemedium / Chladivo / Chladivo:		R134a (40 g)
Foam vesicant / Schaumblazer / Vésicant mousse / Schaumstoff / Polyfoam / Espuma vesicante / Šrodek pěníový / Schiuma isolante / Skumbläsbläddning / Izolační pěna / Izolačná pěna:		C-Pentane
Net weight / Netto gewicht / Poids net / Nettogewicht / Peso Neto / Peso líquido / Waga netto / Peso netto / Nettovikt / Cista hmotnosť / Čistá hmotnosť:		18.5 kg
Mains voltage / Netspanning / Voltage principal / Netzspannung / Voltaje Principal / Voltagem de corrente / Napiecie sieciowe / Voltaggio rete elettrica / Nätspänning / Síťové napětí / Sieťové výkon:		AC220-240~50Hz
Rated current / Aangeduide stroom / Taux de courant / Nennstrom / Clasificado Actualmente / Taxa corrente / Nátężenie znamionowe / Corrente nominale / Märkröström / Jmenovitý proud / Menovitý prúd:		0.7A
Rated power / aangeduide kracht / Taux de puissance / Nennleistung / Clasificación de energía / Taxa de potência / Moc znamionowa / Potenza nominale / Märkeffekt / Jmenovitý výkon / Menovitý výkon:		90W
Consumption of energy / Energieverbruik / Consommation d'énergie / Energieverbrauch / Consumo de energia / Consumo de energia / Zużycie energii / Consumo di elettricità / Energiförbrukning / Spotřeba energie / Spotřeba energie:		0.28 kWh/24h
Battery voltage / Batterispanning / Voltage de la batterie / Batterie Spannung / Voltaje de Batería / Voltagem de bateria / Napiecie w akumulatorze / Voltaggio batteria / Batterispanning / Napětí baterie / Napätie akumulátora:		DC12V
Rated current / Aangeduide stroom / Taux de courant / Nennstrom / Clasificado Actualmente / Taxa corrente / Nátężenie znamionowe / Corrente nominale / Märkröström / Jmenovitý proud / Menovitý prúd:		5A
Rated power / aangeduide kracht / Taux de puissance / Nennleistung / Clasificación de energía / Taxa de potência / Moc znamionowa / Potenza nominale / Märkeffekt / Jmenovitý výkon / Menovitý výkon:		58W
Consumption of energy / Energieverbruik / Consommation d'énergie / Energieverbrauch / Consumo de energia / Consumo de energia / Zużycie energii / Consumo di elettricità / Energiförbrukning / Spotřeba energie / Spotřeba energie:		96 Ah/24h

## GUARANTEE

- Tristar is not liable for damages occurred through:
  - In case the appliance has fallen.
  - In case the appliance has been technically changed by the owner or another third party.
  - In case of improper use of the appliance.
  - In case of normal wear of the appliance.
- By executing repairs the original warranty period of 2 years will not be extended, nor the right to a compiled new warranty. This warranty is only legal on European soil. This warranty does not overrule the

European directive 1944/44CE.

- Always keep your receipt, without this receipt you cannot claim any form of warranty whatsoever.
- Damage caused by not following the instruction manual will lead to a void of warranty, if this results in consequential damages Tristar will not be liable.
- Tristar will not be liable for material damage or personal injury caused by improper use or if the safety instructions are not properly executed.
- Cleaning, as mentioned in this manual, is the only necessary maintenance for this appliance.
- When the appliance should be repaired, make sure that this will be performed by an authorized company.
- This appliance may not be amended or changed.
- If problems arise during the 2 years from the date of purchase, which are covered by the factory warranty, you can go back to the point of purchase to replace it for a new one.
- For questions or compliances please contact your retailer "point of purchase."
- This appliance is covered with a 24 month guarantee starting on the date of purchase (receipt).
- Only material or manufacturing defects are included in this warranty.
- If you wish to make a claim please return the entire machine in the original packaging to your dealer together with the receipt.
- Damage to accessories does not mean automatic free replacement of the whole appliance. In such cases please contact our hotline. Broken glass or breakage of plastic parts are always subject to a charge.
- Defects to consumables or parts subject to wearing, as well as cleaning, maintenance or the replacement of these parts are not covered by the guarantee and hence are to be paid!
- The guarantee lapses in case of unauthorized tampering.
- After the expiry of the guarantee repairs can be carried by the competent dealer or repair service against the payment of the ensuing costs.



## GUIDELINES FOR PROTECTION OF THE ENVIRONMENT

This appliance should not be put into the domestic garbage at the end of its durability, but must be offered at a central point for the recycling of electric and electronic domestic appliances. This symbol on the appliance, instruction manual and packaging puts your attention to this important issue. The materials used in this appliance can be recycled. By recycling used domestic appliances you contribute an important push to the protection of our environment. Ask your local authorities for information regarding the point of recollection.

### Packaging

The packaging is 100% recyclable, return the packaging separated.

### Product

This device is equipped with a mark according to the European Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE). By ensuring that this product will be correctly processed into waste, it will help prevent possible negative consequences for the environment and human health.

### EC declaration of conformity

This device is designed, manufactured and marketed in accordance with the safety objectives of the Low Voltage Directive "No 2006/95/EC", the protection requirements of the EMC Directive 2004/108/EC "Electromagnetic Compatibility" and the requirement of Directive 93/68/EEC. This appliance is designed to come into contact with food and is designed in accordance with EC Directive 1935/2004/EEC



*Quality shouldn't be a luxury!*



KB-7224



KB-7147



KB-7391

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