halfords
SINCE 1892

40L Electric Coolbox
Instructions

Item code 456686

Thank you for purchasing this coolbox. Please read the warnings and instructions below carefully and familiarise yourself with the product before use. As with all electrical items, please exercise extreme caution during use and take care not to misuse or damage the product which could result in injury.

WARNINGS

- Before use, check that the cables, plugs and casings are undamaged. DO NOT use if any parts are damaged or worn.
- DO NOT use in the rain, or other wet or damp conditions. DO NOT handle if your hands are wet.
- DO NOT obstruct the air flow to the unit. The ventilation slots must be kept clear for the unit to work properly and prevent dangerous overheating.
- DO NOT place the unit in direct sunlight or an enclosed space where ventilation is restricted, or where there are other heat sources.
- Avoid using in areas where the supply cables may become a trip hazard and DO NOT sit or stand on it.
- As with all electrical equipment, keep away from children and animals.
- Only use with a 12/24V DC (negative earth) or a 230-240V AC electric supply. When using a 230-240V AC mains electric supply it is advisable to use a residual current device (RCD).
- When using the coolbox with the 12/24V DC supply, the plug will become warm during use. Ensure that the vehicle socket is clean and clear of debris, and the electrical contact is good to avoid the plug/socket overheating.
- Take care when removing the plug from the 12/24V DC socket and DO NOT touch the metal contacts which may be hot.
- Unwind the supply cable fully before use. DO NOT use whilst this cable is coiled or folded as this can cause overheating of the cable.
- This coolbox is intended for keeping foodstuffs cool. It is not recommended or intended for medicines or chemical storage.
- This coolbox is intended for temporary in-vehicle, camping, caravanning and leisure use. It is not a fridge or cooker designed for permanent installation and should not be used as such.
- NEVER fill the unit with water or ice. DO NOT immerse the unit in water.
- Ensure the vehicle's engine is running before the 12V DC plug is connected. This will avoid power surges which could potentially damage the coolbox.
- Disconnect the unit whilst the vehicle's engine is not running to prevent the vehicle battery becoming excessively drained or flat. When the vehicle is running, the alternator should provide enough power.
- To maximise the cooling or warming effect after the unit is disconnected, keep the lid closed.
- Take care when manoeuvring or lifting the coolbox as it may be heavy when fully loaded. Only lift if it is within your own physical capabilities.
- NEVER pull the plug out of the 12V socket using the cable, or pull on the cable to manoeuvre the coolbox.

USE & OPERATION

GENERAL SET UP

1. Load the coolbox with your food and drink in suitable containers. To obtain the best performance from your coolbox, it is recommended that these items are already cold. The addition of any substantial amount of food at room temperature will slow the cooling performance.
2. Select the power supply according to your requirements.

There are two power options:

1. 12/24V DC (negative earth) plug and power cord for use in a vehicle.

   Note: The vehicle ignition may have to be turned on to supply the coolbox with power.
2. 230-240V AC three pin mains plug for use in the home or camp site.

When the coolbox is connected to a mains supply, it can be operated in two modes:

ECO mode where the cool box consumes less energy, select the dial range between MIN to ECO.

MAX mode where the coolbox is set to maximum cooling.

The cooling control knob is located inside the cable storage compartment.

To increase the cooling, turn the cooling control knob clockwise towards MAX.

To decrease the cooling, turn the cooling control knob counter clockwise towards MIN.

Note: When the coolbox is connected to a 12V/24V DC socket, it cools at the maximum setting and the cooling cannot be adjusted.

3. Ensure the unit is in a position in the vehicle where it cannot fall over easily. If using the coolbox outside of the vehicle, place it on a firm, flat surface in the desired location. Use the fold out handles and wheels to pull along, manoeuvre and lift.
4. Fully extend the power cable required and plug in.
5. The cooling performance is similar to that of a household fridge (NOT a freezer).

The temperature inside the coolbox will be lowered to about 16°C below that of the surrounding (ambient) air.

6. After use, disconnect the electrical supply. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

CLEANING & STORAGE

1. Switch the unit to OFF and disconnect the electrical supply cable.
2. Carefully fold up the cable and store in the convenient cable storage compartment provided.
3. The coolbox surfaces can be wiped clean using a cloth with mild detergent solution.
4. The coolbox should not be cleaned using running water or by immersing in water. Abrasive cleaning materials should also be avoided.
5. When not in use the coolbox lid should be left ajar to prevent mould growth.

TROUBLESHOOTING

If the unit does not appear to function correctly, unplug the unit and check:

Fault	Possible cause	Suggested remedy
The coolbox doesn't turn on (DC plug is inserted; LED on the plug does not glow)	There is no electrical power from the 12V socket in your vehicle	The vehicle ignition might need to be switched on
The coolbox doesn't cool (plug is inserted, LED on the DC plug glows)	The fan or the cooling element may be defective	This can only be repaired by a qualified electrician
The vehicle ignition is on and the coolbox is not working or keeps switching off (DC plug is inserted, LED on the plug is not glowing or not glowing continuously)	The 12V socket is dirty or debris is present. This results in a poor electrical contact	If the plug of the coolbox becomes very warm or hot in the 12V socket, either the socket is not clean or the plug has not been inserted correctly into the socket. Remove dirt and debris from the plug and/ or socket using a non -metallic tool
	The plug has not been inserted properly into the socket, poor electrical contact	Pull plug out gently from the socket and re-insert firmly. Repeat the operation until the proper position is found & the plug is aligned securely in the socket
	The fuse of the 12V plug has blown	Replace the fuse (8A) in the 12V plug by unscrewing the end of the plug
	The vehicle fuse has blown	Replace the vehicle's fuse that protects the 12V socket (usually 15A). Please refer to the owner's manual for the vehicle to check
There is water inside the coolbox	Moisture in the air, trapped inside the cooler, condenses due to the low temperature	This is not a product fault; the inner of the cooler is not ventilated. Dry the condensed water periodically
There is ice formation near the inner ventilation slots	Moisture in the air, trapped inside the cooler, is condensed to water and freezes in contact with the cooling plate. Ice formation can block the ventilator and damage the unit	This is not a product fault. Switch the unit off and let the ice melt. Remove water and check the unit periodically for ice formation

TECHNICAL SPECIFICATIONS

Capacity (Ltrs)	40L
Product weight (Kgs)	8.35Kg
Exterior dimensions (Cms)	Length: 57.1cm Height: 43.2cm Width: 37.8cm
Input Voltage Requirement (V)	12/24 Volts DC (negative earth) or 230-240 Volts AC / 50Hz
Current draw (A)	3.5A at 12/24 V DC 0.4A at 230-240 V AC
Power consumption	42 Watts at 12 V DC 52 Watts at 24 V DC 4 Watts at 230 V AC (MIN mode) **Energy consumption of E16°: 0.038 kWh/24h** **Energy consumption of E32°: 0.485 kWh/24h** 55 Watts at 230 V AC (MAX mode)
Cooling performance	Max. 16°C below ambient temperature
Refrigeration system type	Peltier device, thermoelectric solid state heat pump with fan
Climate Class	N
Insulation material	High quality polyurethane foam insulation, CFC-free
Case material	Polypropylene
Power cord length 12/24V	2.7 metres (approx.)
Power cord length 230-240V	1.5 metres (approx.)

2 YEAR GUARANTEE

This product is covered by our two-year Quality Guarantee. This means you have the confidence of knowing that, if it fails within two years of purchase, we will replace it.

Subject to the Terms & Conditions below:

- That defects are attributable to flaws or defects in materials or workmanship. (Components that are subject to wear caused by normal use or other natural wear and tear, cuts or scratches, or impact or accidental damage, are not covered by the guarantee).
- Products have been used, installed and maintained in accordance with the directions in these instructions.
- The product has been used for domestic, private use only (not used for rental or commercially in anyway).
- That modifications or repairs have not been carried out or attempted by you or a third party.
- That only original accessories have been used.
- That the product has not been exposed to misuse such as knocks or bumps, neglect, accident, improper storage, installation, handling.
- That a copy of the purchase receipt is available and the claim is made within the guarantee period.
- The guarantee period will not be extended if we replace the product and will continue to run from the original date of purchase.
- If we replace a product, we will replace the product with the same product, or one of equivalent specification or its selling price value. (We always do our best to match what you had previously).
- Halfords is not liable for any loss as a result of using this product.
- This Quality Guarantee does not affect your statutory rights.

Please keep these instructions for future reference.

Contact us:

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Produced for Halfords

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Product Fiche

- Halfords Ltd
- 40 L Mains and 12V & 24V Electrical Coolbox (456686).
- Household refrigerating appliance category – pantry.
- Energy efficiency class: F.
- Energy consumption 96 kWh per year, based on standard test results for 24 hours. Actual energy consumption will depend on how the appliance is used and where it is located.
- Compartment storage volume 40L, no star rating.
- Design temperature 16°C below ambient temperature.
- Not 'power cut safe'.
- Not suitable for frozen food.
- Climate class: N. This appliance is intended to be used at an ambient temperature between +16°C and + 32°C.
- Airborne acoustical noise emissions 40 dB (A) re l pW.

This unit is only suitable for car and leisure use and should not be used in industrial conditions where dirt may be drawn into the unit. It must not be used in damp or wet conditions and under no circumstances must it be exposed to rain. The cool box can only be repaired by a qualified electrician.

Information on Waste Disposal for Consumers of Electrical & Electronic Equipment

This mark on a product and/or accompanying documents indicates that when it is to be disposed of, it must be treated as Waste Electrical & Electronic Equipment (WEEE).

Any WEEE marked waste products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used.

For proper treatment, recovery and recycling; please take all WEEE marked waste to your Local Authority Civic waste site, where it will be accepted free of charge.

If all consumers dispose of Waste Electrical & Electronic Equipment correctly, they will be helping to save valuable resources and preventing any potential negative effects upon human health and the environment, of any hazardous materials that the waste