How to operate

JK Cool Box

JK 45ltr 12v-240v Compressor Cool Box Fridge/Freezer

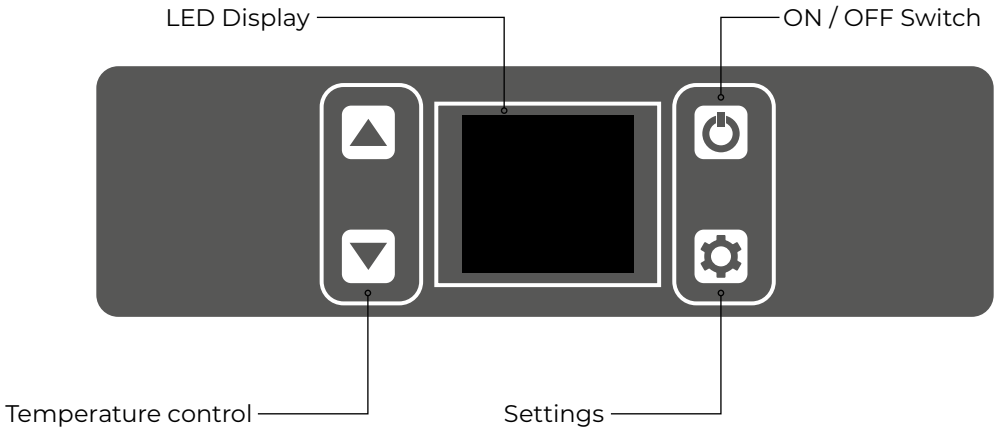
JK Part number: **J43372**

Scan here for ABC XYZ

Thank you for purchasing our JK exclusive compressor cool box! Here's a quick guide on how to use your new cool box, as well as some technical and electrical information about it, and a troubleshooting guide in the unlikely event that you experience any issues with the cool box.

If you have any additional questions which aren't answered by this guide, then get in touch with us by email at **sales@justkampers.co.uk** or call us on **0256 862288**.

Control Panel



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N.B. Whilst every attempt is made to ensure that these instructions are as accurate and clear as possible, we cannot be held responsible for misinterpretation of these instructions or for any subsequent accident or damage caused through mis-fitted parts.

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Operating Guide: **1**

01.

Switching the cool box on

Once you've plugged the cool box in to a suitable power source, press the on/off switch at the top right corner of the display screen to turn the unit on or off.

When switched on, the LED display on the control panel will turn on and the Interior temperature is displayed.

If the power supply is cut off or disconnected, the cool box will switch off automatically. Once the power supply Is restored it will automatically switch back on.

02.

Adjusting the temperature

To set your cool box to a different temperature, press the up or down arrow buttons located to the left of the screen. The up arrow will increase the target temperature, and the down button will decrease the target temperature.

03.

Adjusting the settings

Use the 'SET' button to switch between ECO and MAX settings. This will change the way that the compressor runs, with ECO running it at a lower speed to save energy, and MAX running the compressor faster to achieve cooler at a quicker rate.

Notes on using the product

- Your cool box requires good ventilation, especially around the back of the cool box. Allow a gap of at least 100mm around all sides,
- Do not allow a large amount of frost to build up on the inside walls as this may prevent proper cooling. Defrost by turning the unit off, allowing the frost to melt and wiping out the water,
- The lower the ambient temperature around your cool box, the less power it will need to use it keep the interior cool. In order to maximise efficiency, keep the unit in a cool location out of direct sunlight,
- While it's recommended that you keep your cool box on a surface, it will operate at angles up to 30°.

Battery protection information

There are three levels of battery protection built into the JK Cool Box: Low, Medium, and High. Each of these sets the voltage at which the compressor will stop running, and when it will start up again.

Low

While running on 12v electricity, it will cut out at 10.2v, and restart at 11.2v

While running on 24v electricity, it will cut out at 21.6v, and restart at 23v

Medium

While running on 12v electricity, it will cut out at 10.7v, and restart at 11.7v

While running on 24v electricity, it will cut out at 22.6v, and restart at 24v

High

While running on 12v electricity, it will cut out at 11.7v, and restart at 12.7v

While running on 24v electricity, it will cut out at 24.6v, and restart at 26v

You can change between different levels of battery protection by pressing the SET button (which has an icon of a cog on it) on the front of the unit for a few seconds, until H, M, or L flashes on the screen, then press SET again until it displays the battery protection level you want (H for High, M for Medium, or L for Low).

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Operating Guide: **2**

Cleaning and maintenance

- It's recommended that you clean the cool box inside and out with a clean damp cloth every week.
- If it is dirty, use sodium bicarbonate dissolved in lukewarm water to clean the cool box. Never use abrasive products, detergents or soap.
- After cleaning, wipe out with a clean damp cloth and dry carefully.
- Do not store anything inside the cool box if the unit is not switched on.
- Make sure that the cool box is empty, clean, and dry before you store it.
- Never clean the unit under running water or In dish water. Do not use abrasive cleaning agents or hard objects during cleaning as these can damage the cool box.

Safety Instructions

- Do not use your cool box if any cabling is damaged, frayed, or there is exposed wiring,
- Do not attempt or continue to operate your cool box if it's wet on the exterior, especially around the 'cut out' ventilation areas (the interior food-storage area is fine to be wet),
- When using the cool box, ensure the circuit being used to power it has a fuse or circuit breaker,
- The technical data label on the side of the cool box shows the voltage ranges,
- Do not place any electrical devices inside the cool box, as they may be damaged.

Troubleshooting

In the unlikely event that you've got issues switching your JK cool box on, try these steps to resolve the issue:

- Check the power supply by plugging it into a different power source (i.e., a different vehicle socket or power outlet),
- Check whether the plug and the socket have a good connection,
- Check whether the fuse has been burned out or blown.

If you find that your JK cool box isn't running as efficiently as it was previously, these steps can help:

- Check that too much food hasn't been placed inside the unit, as this can hinder the proper flow of cool air,
- Confirm that nothing warm has been placed inside the cool box, which will raise the internal temperature,
- Check that the lid is closing and locking properly, and that the seal isn't damaged,
- Ensure there's at least 100mm of space around the cool box on all sides, so it can ventilate properly.

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Error codes explained

If you do experience any issues with your JK Cool Box, it may show an error message or error code on the digital screen. Here's a quick guide to what these error codes mean, and how to resolve the issue.

F1	This is battery protection mode, and occurs when the cool box detects low voltage coming from your vehicle battery. You can resolve this by checking the power level of your vehicle or leisure battery, or by changing the battery protection level from H to M, or from M to L.
F2	The cool box's fan is being overworked. Switch the unit off for 30 minutes, and then turn it back on again. If possible, try to place the cool box in a cooler spot, as it may be the ambient temperature around the cool box which is causing the fan to work extra hard.
F3	This error message means that the compressor is working frequently, which will draw additional power. Switch the unit off for 30 minutes, and then turn it back on again.
F4	The compressor in the cool box is being overloaded, or working at a low speed. Switch the unit off for 30 minutes, and then turn it back on again.
F5	The cool box's compressor is overheating. Make sure that the cool box has enough space around it for ventilation (at least 100mm) and then switch the unit off for 30 minutes, before turning it back on again.
F6	The controller can't detect the issue. Please restart the cool box. If the code persists, contact us at sales@justkampers.co.uk or on 01256 862288
F7 or F8	The temperature sensor is reporting an error. Check that there's no damage to the unit or loose connections, and restart the cool box. If the code persists, contact us at sales@justkampers.co.uk or on 01256 862288

Disposal

If you're done with your JK Cool Box, consider re-selling it if it's still in working order. If you find that it's broken and can't be repaired, then please ensure that you recycle it to minimise the environmental impact.

Contact your local council for the best way to recycle your cool box, and they'll be able to point you towards local recycling centres.

Do not dispose this product as unsorted municipal waste. I.e., don't dispose of the cool box in your wheelie bin or similar.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being. It's much better to have these units recycled so that the key components can be reused.

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