LABCOLD™
medical & scientific refrigeration

Vaccine and Sample Carrier
RPDF0012F and RPDF0019F

Operating Instructions

www.labcold.com

WARNINGS

If either power supply cord is damaged, it **MUST** be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Do **not** use mechanical or other means to accelerate the defrosting process.

This carrier is climate class 4 and is designed to operate at +16°C to +32°C ambient room temperature.

The noise level in normal operation is lower than 70 dB.

Do **not** use electrical appliances inside the carrier.

Do **not** store explosive substances such as aerosol cans with flammable propellant in this carrier.

Do **not** immerse in water - risk of electric shock

Do **not** use for unpackaged liquids or ice

The Labcold Vaccine Carrier RPDF0012F/RPDF0019F is designed for the storing of pharmaceuticals, medicines and samples and is for professional use ONLY by suitably trained, competent persons.

Original instructions - Version 5 10.2022

WEEE: Disposal at end of life.

This equipment, when being disposed of in the UK or an EU Member State, is subject to the Waste Electrical and Electronic Equipment Regulations (WEEE) and must be recycled and disposed of in accordance with EU Directive 2002/96/EC as applied in local laws of that State at the time of disposal. This carrier contains flammable insulation gases and must be disposed of in the appropriate way by competent persons.

The symbol below on the appliance or accompanying documents indicates that this carrier should not be treated as ordinary waste but must be taken to a special collection centre for the recycling of electrical equipment. For more information regarding the treatment, recovery or recycling of this product, contact your competent local office, electrical waste disposal or vendor from whom you purchased the carrier.

As this item is designed for medical or scientific use, before presenting for collection and disposal it will be necessary for the user to provide documentary evidence of decontamination and/or that it is entirely safe to handle and dismantle outside of a controlled environment. Goods that cannot be so certified fall outside the scope of the Directive and remain the user's responsibility to dispose of.

Operating instructions for your

Labcold Vaccine & Sample Carrier

Model Numbers: RPDF0012F/RPDF0019F

Contents

ⓘ **IMPORTANT:** These operating instructions contain information essential to the safe and reliable operation of your carrier. Failure to use your carrier in accordance with these instructions may invalidate your warranty.

PLEASE RETAIN AND KEEP IN A SAFE PLACE FOR FUTURE REFERENCE

Your vaccine carrier requires a minimum voltage of 11.0 VDC when running via the 12V vehicular input in order to maintain temperature. Performance of the vaccine carrier cannot be guaranteed if operated below this minimum supply voltage.

If running your vaccine carrier from a standalone 12 VDC battery supply, the output voltage of this supply **MUST NOT** fall below 11.0 VDC. If the output of your battery supply cannot be maintained above a voltage of 11.0 VDC then the battery supply must automatically switch off in order to shut down the Vaccine Carrier.

Your vaccine carrier is not designed to be run from a vehicle without the engine running. The discharging vehicle battery supply may cause the performance of your vaccine carrier to suffer.

www.labcold.com

1 Before Use

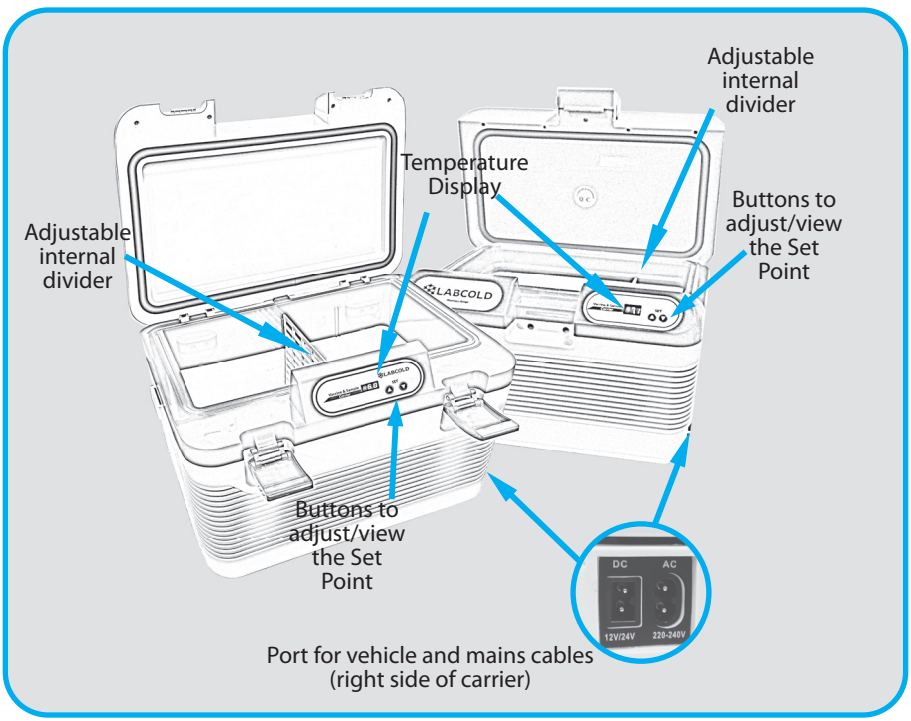
Thank you for purchasing a **Labcold Vaccine and Sample Carrier**. Although great care has been taken in the manufacture of your carrier, damage can occur in transit. **Before** using for the first time please remove all packaging and give your carrier a thorough visual inspection.
The packaging should contain:

1 x Vaccine/ Sample Carrier
1 x Insulating Pad
1 x Plastic Divider
2 x Power cables (one mains, one vehicular)
1 x Carrying Strap

If any damage is suspected or contents are missing, please contact your retailer immediately upon receipt of the product. Failure to do so may invalidate you warranty.

WARNING! If either power supply cords are damaged, they MUST be replaced by the manufacturer, it's service agent or similarly qualified persons in order to avoid a hazard

A Closer Look

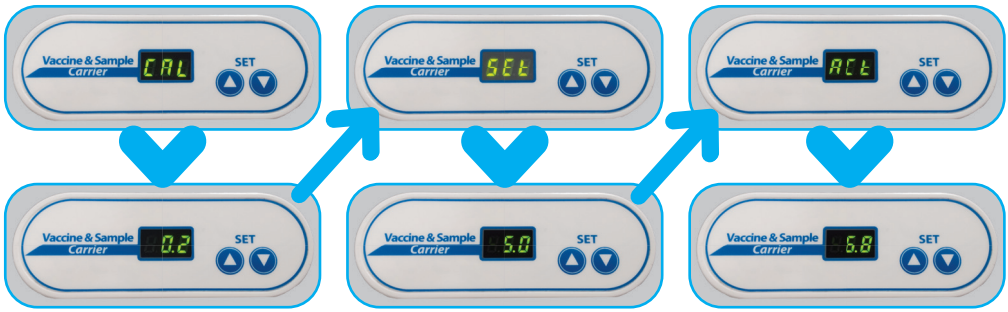


Plug In & Use

2

This carrier **only** cools when powered. To start your vaccine and sample carrier simply plug it in, using the correct cable to either mains electricity or a 12v socket in a vehicle. Once turned on, the digital display will count down from **99.9** and you will hear the fan start working.

When the temperature display shows **0.0,** the display will go through the following sequence:



CAL means **calibration**. This display shows the calibration off set, in this case +0.2 degrees.

Warning : This should only be adjusted by a suitably trained engineer

SEt means **set point**. This is the target temperature the carrier is set to run at. It is factory set to 5ºC. You can change this by pressing an arrow button twice and then ▲ and ▼until you reach the desired temperature.

Act means **actual temperature**. This shows the air temperature detected by the probe inside the carrier. Initially it will show ambient temperature. This will decrease closer to the set point as the carrier cools.

ⓘ **The set point can be checked by pressing either arrow button once. Take care NOT to change the set point whilst checking**

The set point and calibration setting will **not** be affected by disconnection from a power source as they can **only** be changed by using the arrow buttons. The calibration setting should **only** be changed by a person trained in calibrating medical equipment.

Warning: The controller will go through the above sequence EVERY time it is connected to power. Do NOT press the ▼ and ▲ buttons unless you want to change the settings.

If E1 or E2 is displayed there is a probe fault, do not use the carrier

Always ensure the carrier is on a flat surface when in use and that the front of the carrier is not obstructed or covered as the cooling system requires adequate ventilation.

ⓘThe **Labcold** vaccine and sample carrier is designed for temporary temperature control during transit or short term use only. **It is NOT designed to be run for long periods of time nor for permanent storage or transport of blood components.**

3 Caring For Your Carrier

Your vaccine and sample carrier is designed to provide you with many years of service but there are some simple steps you can take to increase it's performance and longevity:

- Always **unplug** the unit before cleaning
- Clean and dry after use with a soft damp cloth. **DO NOT** use an abrasive cleaner
- Never let water enter the carrier
- The carrier is not designed to carry unpackaged liquids or ice
- Do not run the carrier for long periods of time
- Do not use near heat sources such as direct sun light or close to a radiator
- If ice forms inside the carrier, make sure it is thoroughly defrosted and dried before further use
- Do not leave plugged into a vehicular power socket when the engine is not running
- Always ensure the front vents are unobstructed and there is a good air flow
- Make sure the carrier is secured when used in a vehicle
- Try to keep the lid closed as much as possible when in operation
- Use the insulation panel to help preserve the interior temperature
- Never use with wet hands or near water
- Always unplug the carrier after use and allow it to get back to room temperature before storing
- Do not overfill the carrier to ensure the contents have a good air flow

Trouble Shooting

My carrier is not working

- Check that the carrier is plugged in and the plug socket is turned on
- Try another appliance in the power socket. If this appliance works but your carrier doesn't, please contact your retailer
- If using a vehicle power socket make sure it is not dirty and a good connection is being made

There is water in my carrier

Ice can form on the inside of the carrier, especially if used in unusually high humidity or if the top is open for a long time. Simply unplug the carrier from it's power source and remove the water and dry fully before using again.

My thermometer shows a different temperature to the set point

This is normal. The actual temperature varies in normal operation, especially if the lid is opened or a large amount of product at room temperature is added to the carrier. To help improve the stability of the internal temperature it is recommended that you use the insulation pad included.

Useful Information 4

Your **Labcold** vaccine and sample carrier comes complete with a one years parts and labour warranty.

To register your warranty, please complete the enclosed warranty form or visit our web site at **www.labcold.com**, click on the 'Register your warranty' tab and follow the instructions. Full warranty terms and conditions can also be viewed and downloaded from the **Labcold** website.

In the unlikely event that there is a problem with your carrier, you should contact your retailer in the first instance. If you bought your carrier directly from **Labcold** you should contact the service team at **service@labcold.com.**

When you register your warranty or want to report a performance issue you will need to have the following information to hand. Please fill this in as soon as you get your carrier so we can help you as quickly as possible in the event of a problem.

Serial Number _____

Retailer _____

Date Purchased _____

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