



ADVANCED REFRIGERATOR ADVANCED PHARMACY REFRIGERATOR

MODELS:

RAFR21043, RAFG21043

RAFR44043, RAFG44043

RPFR21043, RPFG21043

RPFR44043, RPFG44043

Thank you for choosing Labcold

Your unit has been manufactured to ISO quality standards but in the unlikely event that you notice any defect on delivery, please contact your retailer immediately

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

Please read these instructions carefully and retain for future reference

Useful Information

Serial Number _____

Retailer _____

Date Purchased _____

❗ Failure to operate your unit in accordance with these instructions may invalidate your warranty

www.labcold.com

Cherrywood, Chineham Park, Basingstoke, United Kingdom RG24 8WF

Pharmacy | Blood | Laboratory | Technical Service

ADDENDUM

ADVANCED REFRIGERATOR/ ADVANCED PHARMACY REFRIGERATOR

MODELS:

RAFR21043, RAFG21043

RAFR44043, RAFG44043

RPFR21043, RPFG21043

RPFR44043, RPFG44043

The maximum shelf/draw loading is 50kg

WARNING

Keep clear of obstruction all ventilation openings in the appliance enclosure

WARNING

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

WARNING

Do not use electrical appliances inside the storage compartments of the appliance

WARNING!

Servicing should ONLY be carried out by a suitably qualified engineer and only engineers who have been trained in the safe handling and use of hydrocarbon refrigerants should work on the refrigeration system



WARNING!

This refrigerator contains extremely flammable gas so
MUST NOT be located in a room or area
with a volume less than 10m³

This refrigerator contains gas under pressure which may
explode if heated

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Important Notes:

Please read carefully before using your refrigerator for the first time.

Thank you for purchasing a Labcold refrigerator. Your refrigerator has been made with great care, tested thoroughly before being sent to you, and is expected to give good service over many years if maintained correctly.

The following information is provided for your guidance:

1. **Acceptance:** Immediately upon delivery to you the product packaging and the product itself should be inspected for any signs of damage. It was perfect when it left us and should still be so when you receive it. If this is not the case please contact the supplier from whom you ordered it within three days of delivery.
2. **Positioning:** Units should be positioned so as to allow adequate airflow around the refrigeration compartment. Once in its final position for use, the equipment must be left to stand for at least 2 hours before being switched on to prevent damage to the refrigeration system.
3. **Cleaning:** Wipe the interior of your fridge with mild soapy water to remove any dust that may have accumulated during manufacture and dry thoroughly.
4. **Stabilisation:** Following the above resting period the equipment can be switched on and left for at least 24 hours to cool down and the temperature to stabilise. After this time the unit should be checked for correct operation. Only after this should the product be used for the storage of material.
5. **Warranty:** This Labcold product is warranted against manufacturing defect or malfunction for a period of 12 months from the date of delivery, or other time period as agreed in writing by the manufacturers. This warranty, valid within the United Kingdom only, covers all parts and all labour required to return the product to correct working order subject to the Standard Conditions of Sale provided it has been operated and cared for in accordance with this operators manual. If the product was purchased through a third party vendor, or outside the UK, then different terms may apply and reference should be made to the vendor from whom it was purchased.
5. **Liability** is limited to the extent of the Standard Conditions of Sale. Customers are advised that their rights to claim for damages lies with the vendor from whom the item was purchased. Labcold and its agents accept no further liability for the loss of customer's stored samples, products or other contents, nor the direct or indirect economic or other consequences resulting from such loss. Customers are therefore advised to ensure that they establish suitable checking and monitoring protocols as appropriate to the importance and risk associated with the stored contents in order to mitigate any loss that may occur. Customers are further advised to ensure that they have a suitable contingency plan in place to safeguard their stored property in the event that the unit cannot be repaired in time to prevent its loss or spoilage.
6. Customers are advised to read this manual together with the vendor's Standard Terms and Conditions of Sale to which this product, its use, delivery and installation, repair, and warranty are subject. A copy of the Standard Terms and Conditions of Sale may be obtained by contacting the vendor or viewing their catalogue or web site.

WARNING!

If the 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.

Using for the first time

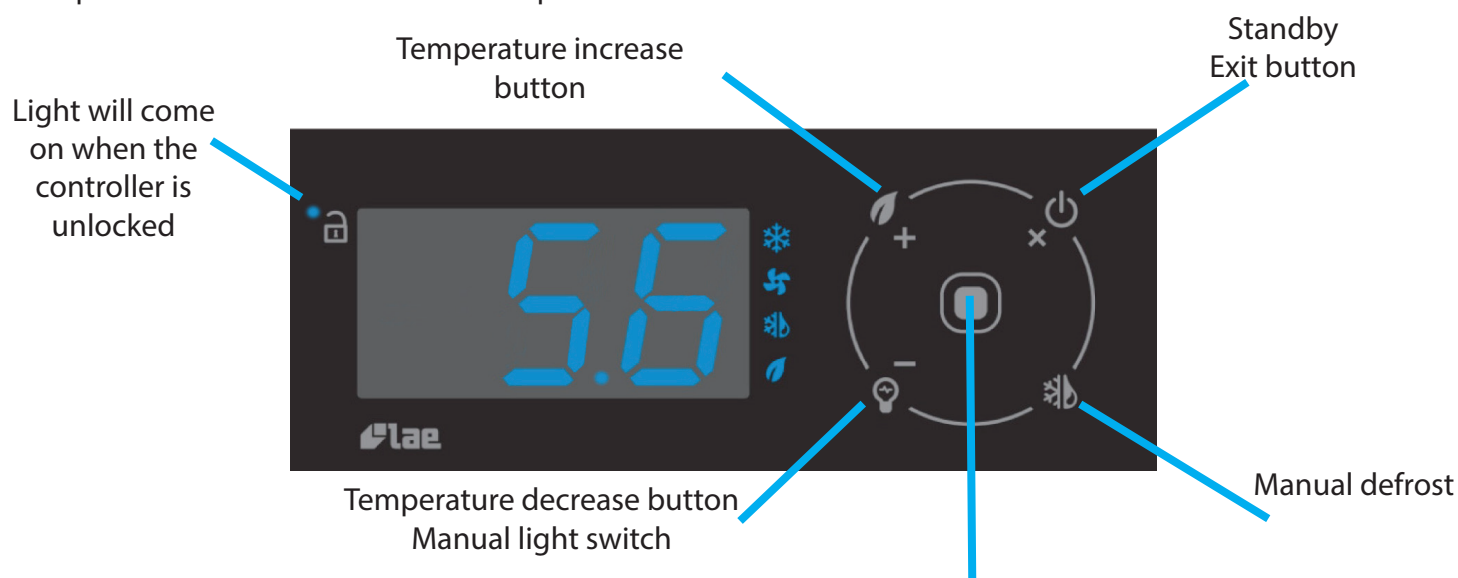
We recommend that you do the following before plugging in for the first time:

- Wheel the refrigerator in to position and lock the castors.
- Make sure the refrigerator is not placed in direct sunlight or near a heat source and there is adequate ventilation.
- Remove all protective film attached to the refrigerator.
- Check the power cord is complete and undamaged.
- Check the 13 amp plug is complete and undamaged.

When you plug in your refrigerator for the first time you will hear the refrigeration system start up and the temperature will display on the front of the controller. As the refrigeration system starts cooling the interior this temperature will fall down to around the set point of 4°C.

Controller

The controller of your refrigerator has been programmed by Labcold technicians to run at +4°C and to alarm at +2°C and +8°C unless differently specified at time of ordering. The refrigerator also has a door open alarm activated if the door is open for more than 5 minutes.



Tap here twice in quick succession to unlock the controller.
You need to unlock the controller *before* you can view the set point, high/low temperatures, perform hi/lo reset or manually turn the light on.

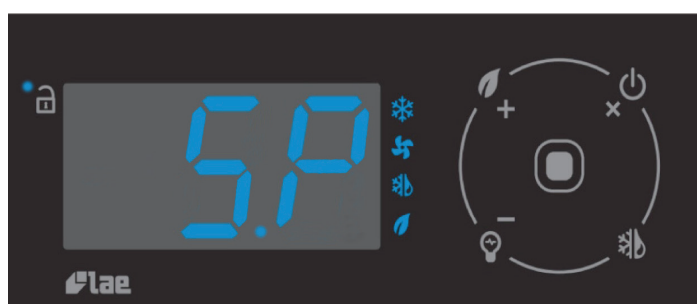
Viewing the set point

Tap the centre of the controller, twice quickly to unlock the controller.

Touch the centre once

The controller will now display **SP**

Touch again and the controller will display the set point which will be +4°C unless specified differently at time of order.



❗ Please be aware that you have to go through the menu sequentially to view further readings there are no menu short cuts but to return to the beginning of the sequence, press and hold the exit button

Viewing the current air temperature

Tap the centre of the controller, twice quickly to unlock the controller.

Touch the centre once

The controller will now display **SP**

Touch again and the controller

will display the set point which will be +4°C unless specified differently at time of order.

Touch again and the controller will display **ti**

Touch again and the controller will display the temperature of the air probe



Viewing the current evaporator temperature

Tap the centre of the controller, twice quickly to unlock the controller.

Touch the centre once

The controller will now display **SP**

Touch again and the controller

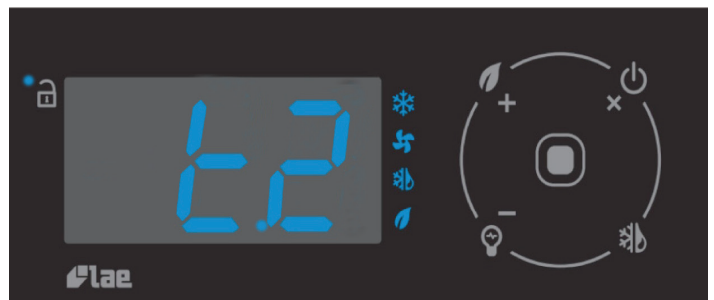
will display the set point which will be +4°C unless specified differently at time of order.

Touch again and the controller will display **ti**

Touch again and the controller will display the temperature of the air probe

Touch again and the controller will display **t2**

Touch again and the controller will display the temperature of the evaporator



Viewing the high air temperature recording

Touch the centre of the controller, twice quickly to unlock the controller.

Touch the centre once. The controller will now display **SP**

Touch again and the controller will display the set point which will be +4°C unless specified differently at time of order.

Touch again and the controller will display **ti**

Touch again and the controller will display **t2**

Touch again and the controller will display the temperature of the evaporator

Touch again and it will display **thi**

Touch again and it will display the highest air temperature recorded since the last high temperature reset



Viewing the high air temperature recording

Tap the centre of the controller, twice quickly to unlock the controller.

Touch the centre once

The controller will now display **SP**

Touch again and the controller will display the set point which will be +4°C unless specified differently at time of order.



Touch again and the controller will display **ti**

Touch again and the controller will display the temperature of the air probe

Touch again and the controller will display **t2**

Touch again and the controller will display the temperature of the evaporator

Touch again and it will display **thi**

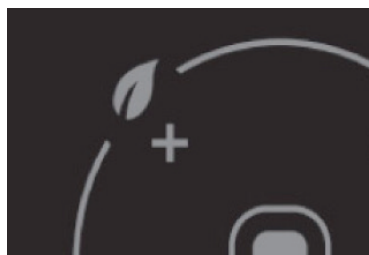
Touch again and it will display the highest air temperature recorded since the last high temperature reset

Touch again and it will display **tlo**

Touch again and it will display the lowest air temperature recorded since the last low temperature reset

Resetting the high/low temperature recordings

To reset the high and low temperature recordings follow the procedure for viewing the high and low temperatures and then press and hold the temperature increase + button for 3 seconds.



This needs to be repeated for both the high and low temperature recordings if you intend to reset them both.

Turning the light on

To put the light on independently of door openings, unlock the controller with two taps as explained on page 1 and press the decrease button/manual light switch.



Defrosting

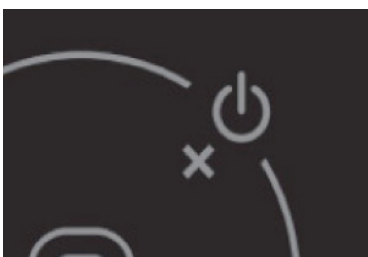
Your refrigerator features automatic defrost which operates every 12 hours. However, should you wish to perform a manual defrost unlock the controller and press the manual defrost button.



WARNING! Do not use mechanical devices or other means to accelerate defrosting

Turning the refrigerator off with the controller

You can turn the refrigerator off without disconnecting it from the mains. Simply, unlock the controller and press and hold the standby/exit button.



If the refrigerator is to be turned off for a long period of time we recommend it is also disconnected from the mains supply.

Maintenance

Your refrigerator should be kept clean and free of ice to ensure maximum performance, however, should you experience a problem please call the Labcold technical service team on 01256 705 580.

WARNING!

Servicing should ONLY be carried out by a suitably qualified engineer and only engineers who have been trained in the safe handling and use of hydrocarbon refrigerants should work on the refrigeration system

WARNING!

This refrigerator contains extremely flammable gas so MUST NOT be located in a room or area with a volume less than 10m³

This refrigerator contains gas under pressure which may explode if heated



WEEE: Disposal at end of life.

This equipment, when being disposed of in 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 refrigerator contains flammable insulation gases and must be disposed of in the appropriate way by competent persons. Ensure that none of the refrigerant circuit pipes are damaged prior to disposal.

The symbol below on the appliance or accompanying documents indicates that this refrigerator 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 refrigerator.



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.