LABCOLD®

QUICK START GUIDE

Product Range: Labcold IntelliCold® Pharmacy Refrigerators

Product Codes: RLDF – 0124/ 0224/ 0524/ 1024/ 1524/ 1824
RLDG – 0124/ 0224/ 0524/ 1024/ 1524/ 1824

Thank you for purchasing your Labcold IntelliCold® Bluetooth enabled pharmacy refrigerator. Your refrigerator has been purposely designed and precision built for the safe storage of vaccines, samples, reagents and other temperature sensitive materials.

This guide is designed to help you install your new refrigerator safely and efficiently. For full operating instructions and additional product information – including details on the Bluetooth app – please scan the QR code opposite or visit Labcold.com.

Your product warranty registration can be also be performed using the same QR code. Failure to use your refrigerator in accordance with the full operating instructions may invalidate your warranty.

PRODUCT SUPPORT

Should you encounter any issue with your refrigerator, please contact your distributor or contact Labcold if purchased directly on 01256 705 580 or service@labcold.com. Labcold offers a full range of preventative maintenance contracts to provide peace of mind that the product is operating correctly.

WARNING ⚠️

- Servicing and repairs must be carried out by a suitably qualified engineer.
- Only engineers who have been trained in the safe handling and use of hydrocarbon refrigerants can work on the refrigeration system.
- If you suspect a leak contact the manufacturer or its service agents immediately.
- Do not touch the refrigerant, it can cause severe eye irritation, redness, tearing, blurred vision, and possible freeze burns. Contact with evaporating liquid may cause frostbite or freezing of the skin.
- 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.
- Do not use mechanical or other means to accelerate the defrosting process.
- Keep clear of obstruction all ventilation openings in the appliance enclosure.
- This refrigerator is climate class 4 and is designed to operate at +16°C to +30°C ambient room temperature.
- Do not damage the refrigerant circuit.
- Maximum shelf loading 40 Kg/m 2
- The noise level in normal operation is lower than 70 dB.
- Do not use electrical appliances inside the refrigerator.
- Do not store explosive substances such as aerosol cans with flammable propellant in this appliance.
- Labcold RLDF/G refrigerators are designed for the storing of pharmaceuticals, medicines and laboratory products and are for professional use only by suitably trained, competent persons.
- This refrigerator contains a flammable gas.
- This refrigerator contains gas under pressure which may explode if heated.
- The refrigerator MUST NOT be located in a room or area with a volume less than 10m³.

R600a

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BEFORE USE

Great care has been taken in the manufacture of your refrigerator, however damage can occur in transit. Please inspect your refrigerator fully upon delivery and report any damage to your supplier within 48 hours of receipt.

INSTALLATION

❶ Place your refrigerator in the location in which it is to be used. Do not place your refrigerator near a heat source or in direct sunlight and leave at least 6cm all round the unit for adequate ventilation. Failure to do so may affect the performance of your refrigerator.

❷ The refrigerator should be level and can be adjusted by rotating the feet at the bottom of your refrigerator.

❸ For models RLDF/GO524, 1024 and 1524, insert shelves by placing clips in the racking and resting the shelf on top. When positioning the shelves, please remember to keep adequate room for air circulation. Failure to do so may cause hot spots in the refrigerator.

YOUR REFRIGERATOR SHOULD NOW BE LEFT FOR AT LEAST SIX HOURS BEFORE CONNECTING TO POWER FOR THE FIRST TIME.
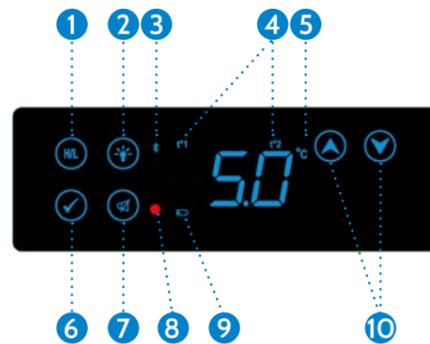

INTELLICOLD® CONTROLLER

The IntelliCold® controller has been designed by Labcold for an enhanced user experience for the safe storage of vaccines, medicines, samples and reagents.

It is designed with a touch screen that displays the temperature detected by two temperature probes, one located in the back of the refrigerator t1 and one you can position yourself within the cabinet t2.

The controller emits a sound to confirm it has registered your touch.

❶ HIGH/LOW: Touch to view minimum/maximum temperatures
❷ LIGHT: Touch to turn the light on
❸ BLUETOOTH ACTIVE
❹ T1 & T2: Indicates which probe the temperature displayed relates to
❺ TEMPERATURE SCALE
❻ TICK: Touch to select menu option, press and hold to confirm adjustment.
❼ MUTE: Touch to mute alarms, cancel adjustment or go back in the menu
❽ VISUAL ALARM: This red light displays when the refrigerator is in an alarm state. It remains on as long as the alarm conditions continue regardless of whether the alarm is muted
❾ BATTERY ALARM
❿ UP/DOWN ARROW: Scroll through the menu or hold simultaneously to access the menu.

BEFORE PLUGGING IN

Please make sure the power cable is free from damage and check that your voltage corresponds to that on the serial plate. It is recommended that you do not use extension cords or multiple socket adapters. Make sure the power cable is not bent, pinched or compressed and that it can be easily accessed.

PLUG IN AND SWITCH ON

When you first plug your refrigerator in, it will alarm and all the icons/buttons will be illuminated.

The red alarm light will display because the inside of the refrigerator hasn't had time to cool down yet and after a few seconds, the controller will alternate between the temperature screens and alarm warning screens. The alarm will sound when these screens are displayed. The alarm will sound when this screen is displayed.

MUTING THE ALARM

To mute the alarm, touch the mute icon/button. To mute the alarm(s), touch the mute icon. Most alarms will then be silenced, but the n-b alarm will require separate muting and the alarm will stop sounding.

Muting an alarm will not cancel it, should the alarm condition remain uncorrected the alarm will sound again after 15 minutes. To change the interval between muting, please refer to the full user operating manual.

⓵ After 30 seconds the icons/buttons will disappear from the front of the controller. It will display the temperature alternately with any active alarms. To activate the touch screen, put your hand over the controller.

THE REFRIGERATOR SHOULD REACH 5°C WITHIN ABOUT AN HOUR, HOWEVER YOU SHOULD LEAVE THE REFRIGERATOR RUNNING FOR 24 HOURS BEFORE STORING ANY PRODUCT.

ALARM BATTERY BACK UP

Insert 4x AA alkaline batteries in the battery compartment located on the right-side of the refrigerator.

The batteries will power the controller to facilitate the collection of data and alarm in the event of a power failure.

⓵ Batteries will **only** power the controller not the refrigerator.
⓵ If you don't insert the battery you will get an alarm n-b (no battery), this alarm can be disabled – please read the full user operating manual on how to do this.

Mute Button

TEMPERATURE PROBE T2

There is a secondary temperature probe (T2) at the back of your refrigerator. This is fitted with a 'simulated' load which is equivalent to a 5ml vial. This probe can be uncoiled and moved to a location you desire in the refrigerator.

DIGITAL DOOR LOCK

❶ If you have opted to have your IntelliCold® pharmacy refrigerator fitted with a digital door lock please read this section. The digital combination lock has been designed to provide extra security for the contents of your pharmacy refrigerator. There is also a master override key (optional extra) that enables you to open the refrigerator in the normal way should you wish to or in an emergency.

⊘ If batteries are not fitted, during a power failure you will not be able to unlock the refrigerator digital lock unless you have purchased a master key.

DIGITAL LOCK A CLOSER LOOK

Opening the Door

❶ Once the refrigerator has power, you can now open the door using the factory set user code of 2244.

❷ Put in the code and after every correct digit a green light will illuminate. Always wait for the LED to light before pressing the next button. After the fourth digit is entered the lock will make a noise signifying it has unlocked. You can then rotate the lock handle 90° in a clockwise direction to open the refrigerator. If you DO NOT unlock the refrigerator within 4 seconds the door will automatically re-lock.

❸ If the LED flashes red it indicates you have either entered a wrong code. Please try again.

❷

Green LEDs illuminate when you input the correct code

❸

Red LED illuminates when you input the incorrect digit or code

Locking the Door

❶ Shut the refrigerator door as usual and slide the lock handle 90° in an anti-clockwise direction.

⊘ The digital combination lock does NOT self lock but once the lock handle is in the closed position the lock will automatically engage.

Changing the Digital Lock User Code

❶ It is advised that you change the factory set user code.

❷ The pre-set user code 2244 is required to change the user code for the refrigerator. Please follow the steps listed in the opposite diagram to change your code. After the initial change, whatever is the existing user code will be required to change the user code. All new user codes must be four digits long.

Press the snowflake button and key in:

- Existing user code i.e. 2244
- 02
- New 4-digit user code
- Repeat the new 4-digit user code

Write the new user code for reference here

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Master Key

We recommend that you purchase a master key with your lock. This will enable the refrigerator to be unlocked in the event of a mains power failure or if the user code is forgotten.