

## LAE 5 Fridge Controller Guide

This display shows the current temperature. This reading is showing 3.3°C.



The current set point for the fridge can be checked by pressing and holding the “I” button. This set point is showing 3.3°C. This will typically show around 3.0°C. This can be adjusted by pressing and holding the “I” button and using the “▼” and “▲” buttons to suit.



To read the memory, quickly press and release the “I” button.

The controller will then display “thi”. This stands for High temperature. Press and HOLD the “I” button again and the high temperature will be shown.



Note : If no button is pushed the controller will go back to regular display after 4 seconds. By taking finger off “I” button and pressing “x” button can also be used to return to regular display.

The high temperature is reading 9.6°.  
TO RESET: Whilst keeping your finger on the "I" button you may reset the high temperature by pressing and releasing the "x" button. The display will flash and the temperature will reset at the current fridge temperature.



Note : If no button is pushed the controller will go back to regular display after 4 seconds. By taking finger off "I" button and pressing "x" button can also be used to return to regular display.

The high temperature has now been reset at the current temperature which is in this case 6.0°. Release "I" button and "tLo" will be displayed.



Note : If no button is pushed the controller will go back to regular display after 4 seconds. By taking finger off "I" button and pressing "x" button can also be used to return to regular display.

"tLo" stands for low temperature. Press and hold the "I" button and the low temperature will be displayed.



Note : If no button is pushed the controller will go back to regular display after 4 seconds. By taking finger off "I" button and pressing "x" button can also be used to return to regular display.

The low temperature is reading 2.9°.  
TO RESET: Whilst keeping your finger on the "I" button you may reset the low temperature by pressing and releasing the "x" button. The display will flash and the temperature will reset at the current fridge temperature.



Note : If no button is pushed the controller will go back to regular display after 4 seconds. By taking finger off "I" button and pressing "x" button can also be used to return to regular display.

The low temperature is now reading 3.3°. Remove finger and the display will read “t1”.



Note : If no button is pushed the controller will go back to regular display after 4 seconds. By taking finger off “I” button and pressing “x” button can also be used to return to regular display.

Remove finger and the display will read “t1”, now press the I button to display the current probe temperature (Note this can’t be reset)



Whilst in the reading mode, if you wish to go backwards and forwards between these displays - “thi” and “tlo” press the “▼” and “▲” buttons to do so. Otherwise it is not necessary to use these buttons.



The controller alarm is typically set to go off if the fridge is below 2° or above 8° for more than 10 minutes. The display will read “HI” or “LO” and the alarm will continue to sound until any button has been pressed. If the “HI” alarm is going off it may be from the door being left open or a power cut if one has occurred.



If the alarm condition persists, please contact us.

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## The Rollex Lae 5 Controller

The controller can show temperatures in decimal or whole degrees Centigrade or in whole Degrees Fahrenheit. Typically the controller will be programmed to display in decimals Centigrade.

Normal operation is between 2.7° – 6.5° although climate and room temperatures will have an effect on this. The current set point for the fridge can be checked by depressing and holding down the I button. This will typically show 3.0.

Climate will affect the operation of the fridge as will airflow around the cabinet. If the ambient temperature in the room is too low the fridge may go below 2 degrees. In some climates it is recommended that the room be kept warm to enable normal operation. This can be via a night store heater or heat pump.

Fridges do generate heat in normal operation and this heat must be dissipated away from the cabinet to ensure normal operation, recommended ventilation gaps are 5cm either side and 7.5cm at the top of the cabinet. Use of a small personal fan in some conditions can also be of benefit.

DF stands for DEFROST. Standard programming ensures that the cabinet will defrost for 6 minutes every 8 hours to help prevent ice buildup. This is not an error message.

**IMPORTANT:** Overstocking, poor airflow and doors left ajar can lead to ice buildup and this may require being manually defrosted.

The controller alarm is typically set to go off if the cabinet temperature is below 2 degrees or above 8 degrees for more than 10 minutes. At this point the controller will display either LO or HI on the display indicating a temperature breach. The audible alarm will continue to sound until the X button is pressed for 3 seconds. Pressing I then following the sequence to read the memory will allow you to check the alarm condition(s). This can be a high temperature from a power cut or a door being left ajar to a problem with the refrigerator cabinet. If the alarm condition persists the alarm will sound again after 10 minutes. Call Rollex Medical.

## Reading and Resetting the memory

The controller stores a low and high temperature value recorded since the last reset was performed.

To read the controller memory push the I button (Button no 1) and quickly release it.

The controller will then display Thi (this stands for High Temperature). Now push and hold the I button.

The value now displayed is the High temperature for you to record. Whilst keeping your finger on the I button, you may now reset the high memory by pressing and releasing the X button (button 4). As you push the X button the display will flash and the High memory will be cleared and will reset at the current fridge temperature.

Remove both fingers and the controller will then display Tlo (this stands for Low Temperature) now push and hold the I button.

The value now displayed is the Low temperature for you to record. Whilst keeping your finger on the I button, you may now reset the low memory by pressing and releasing the X button (button 4). As you push the X button the display will flash and the Low memory will be cleared and will reset at the current fridge temperature.

Remove both fingers and the display will show T I, this is the current probe temperature.

Press I to read the current temperature (Note this cannot be reset with the X button)

Remove your fingers from the buttons and the display will return to normal in approximately 5 seconds.

**Note** failure to push a button within 4 seconds and the controller will exit reading the memory mode, and at any stage X can be pushed to exit.

The X button can also be used to silence the audible alarm in the event of it sounding. Press and release. However you still need to check the display to see what the event is and to check the memory. Navigating to T I to show the current probe temperature can be useful to see if the temperature is decreasing or increasing.