

FOSTER FD2-22 Controller and LCD5S Display



# FOSTER FD2-22 Controller and LCD5S Display Instruction Manual

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## FOSTER FD2-22 Controller and LCD5S Display



### Specifications

- Product Name: Flexdrawer (FFC) Appliances

- Country: UK
- Sound Level: Not greater than 70dB(A)

## **Product Usage Instructions**

### **Electrical Safety**

This equipment must be connected to an electrical supply protected by a Residual Current Device (RCD) such as a residual current circuit breaker (RCCB) or a Residual Current Circuit Breaker with overload protection (RCBO). Ensure that the replacement fuse matches the value stated on the serial label.

### **General Safety**

- Do not store explosive substances or aerosol cans with flammable propellants in the appliance
- Keep ventilation openings clear of obstructions.
- Avoid using electrical appliances inside the storage compartment.
- Avoid using steam cleaners, pressure washers, or water jets/sprays near the appliance.
- Do not store or lock any living body inside the appliance when the door is closed.
- Take care when moving the appliance over even surfaces and ensure stability by placing it on a flat, level surface.
- Avoid stepping on the worktop or using drawers as steps or support.
- Avoid sitting or standing in drawers and do not use them as support while moving.
- Avoid using mechanical devices for defrosting and take care to avoid damaging the refrigeration circuit/system.
- If the supply cord is damaged, have it replaced by the manufacturer or qualified personnel to prevent hazards.
- Use appropriate personal protective equipment to avoid prolonged contact with cold surfaces.

These instructions should be retained and made readily accessible by personnel using the appliance. The instructions should be read thoroughly before appliance installation. Failing to follow the advice contained in this manual may result in damage to the appliance and personal injury to the operator.

The information contained in this manual is current at the time of publication and is subject to change without notice.

### **CAREFUL – DANGER**

Ignoring these signs and remarks may result in personal danger.

### **INFORMATION**

Useful hints to make the best use of your appliance.

### **CAREFUL – DANGER**

Ignoring this sign and remarks may result in damage to your appliance.

### **RISK OF FIRE/FLAMMABLE MATERIALS**

Specific precautions are required to prevent ignition.

### **Electrical Safety**

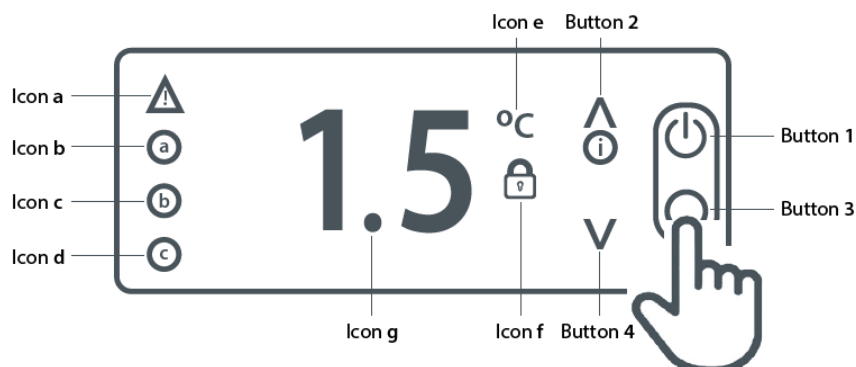
This equipment shall be connected to an electrical supply protected by a Residual Current Device (RCD). This may include a residual current circuit breaker (RCCB) type socket, or through a Residual Current Circuit Breaker with overload protection (RCBO) supplied circuit. Should it be necessary to replace the fuse, the replacement fuse

must be of the value stated on the serial label for the appliance.

## General Safety

- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Keep all ventilation openings in the appliance or the structure of a built-in unit clear of any obstructions.
- Do not use electrical appliances inside the storage compartment.
- Do not use steam cleaners, pressure washers, or other jets/sprays of water on or around the appliance.
- The appliance is airtight when the door is closed therefore under no circumstances should any living body be stored or 'locked in' the appliance.
- This appliance is heavy. When moving the appliance care should be taken and correct safe practices followed. The appliance should not be moved over uneven surfaces.
- The emitted sound level of this appliance is not greater than 70dB(A).
- To ensure stability the appliance should be located on a flat, level surface, and correctly loaded.
- The worktop should not be sat or stood on.
- Where the appliance is fitted with drawers these should not be used as a step to assist or gain height.
- Where the appliance is fitted with drawers, do not sit or stand in the drawers.
- Do not use the doors or drawers as a support when moving from kneeling to a standing position.
- Do not use mechanical devices to accelerate the defrosting process.
- Care should be taken not to damage the refrigeration circuit and/or system.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid hazards.
- Care should be taken to avoid prolonged contact with cold surfaces with unprotected body parts, and correct PPE to be used at all times.

## Display Icons and Buttons



<b>Icon</b>		<b>Button</b>
Compressor on / Alarm		On / Off / Standby
Evaporator fans on	<b>2</b>	Up / Increase value
Defrost on	<b>3</b>	Back / Exit / 2nd function
2nd operating function on	<b>4</b>	Down / Decrease value
°C / User menu active		
Keypad locked / Service function active		
Decimal point / Defrost active		

### Note

Icons a, b, c, and d are only visible after pressing buttons 1, 2, 3, or 4.

The appliance is designed for the storage of products at the appropriate temperature. It is not designed to chill or freeze products from a higher temperature. Using the appliance in this manner may result in malfunction, damage, and invalidate the warranty.

### Standby

Pressing button 1 for 3 seconds will turn the unit on or into standby. When on standby the display will only display ‘ – ‘. The remainder of the display will be blank. When operating normally, the display will show the internal temperature of the cabinet.

### Set Point

- Each drawer can be set to operate as a refrigerator or freezer. To change the operating temperature press button 3 for 3 seconds. Icon ‘d’ will indicate the current operating condition. When icon ‘d’ is illuminated the drawer is operating as a freezer. When icon ‘d’ is off the drawer operates as a refrigerator
- To display the individual drawer Set Point, with the display showing the temperature, press button 2 for 3 seconds and the display will show ‘SP’ when icon ‘g’ is off or ‘iiSP’ when icon ‘g’ is illuminated. Then press button 1 once to display the current set point.
- Adjust the set point using button 2 to increase and button 4 to decrease. Press button 1 to save the new value. If button 1 is not pressed the new value will not be stored. Exit by pressing button 3.
- If the Set Point cannot be adjusted to the value required please contact your authorised Foster dealer for advice.
- The display will resume normal operation after 30 seconds or if button 3 is pressed.

### Keypad Security Settings

The keypad can be locked to prevent unauthorized adjustment of the appliance and its operating temperature. When the keypad is locked no adjustments can be made using the keypad and icon 'f' will be displayed. To lock or unlock the keypad press and release button 2 for 3 seconds and the display will show 'SP'. Release the button and then press button 2 once and the display will show 'Loc'. Press button 1 to display the current keypad lock status. Adjust using button 2 and button 4 to set the value to 'Yes' to lock the keypad and 'No' to unlock the keypad. Press button 1 to save the new value. If button 1 is not pressed the new value will not be stored. The display will resume normal operation after 30 seconds or if button 3 is pressed.

### **Defrost**

The appliance has an automatic defrost function and will defrost periodically each day without any user intervention. This process is normal and does not affect the product stored in the appliance. During defrosting the appliance can be used as normal. To start a defrost manually press and hold button 1 for 5 seconds. This will turn off the appliance. When this happens do not release the button and after 2 more seconds, the display will indicate a defrost has commenced (dEF is briefly displayed) and the button can be released. The appliance set point temperature will be displayed during defrost and icon 'g' will flash to indicate a defrost is in progress. The defrost will operate for its full duration, it is not possible to cancel a defrost when it has started. Keypad Security Settings

The keypad can be locked to prevent unauthorized adjustment of the appliance and its operating temperature. When the keypad is locked no adjustments can be made using the keypad and icon 'f' will be displayed. To lock or unlock the keypad press and release button 2 for 3 seconds and the display will show 'SP'. Release the button and then press button 2 once and the display will show 'Loc'. Press button 1 to display the current keypad lock status. Adjust using button 2 and button 4 to set the value to 'Yes' to lock the keypad and 'No' to unlock the keypad. Press button 1 to save the new value. If button 1 is not pressed the new value will not be stored. The display will resume normal operation after 30 seconds or if button 3 is pressed.

### **Keypad Sounds**

If the user does not require the keypad to indicate with a sound when a button is pressed this can be turned off. Press and hold button 2 for 3 seconds until the display shows 'SP'. Press button 2 until the display shows 'biP'. Press button 1 to display the current value. 'Yes' indicates keypad sounds are active and 'No' indicates keypad sounds are not active. Select the value required and press button 1 to save the new value. If button 1 is not pressed the new value will not be stored. Exit with button 3.

### **Alarms Notification**

If an alarm condition occurs the appliance will indicate this with an audible signal, by illuminating icon 'a' and displaying a fault code from the list in the 'Troubleshooting' section of this manual. The audible notification can be muted temporarily by pressing button 1. While the fault is still present icon 'a' will continue to be illuminated and the display will cycle between the fault code and the appliance temperature.

## **Troubleshooting**

### **Alarms/Warnings**

During operation, the current temperature inside the appliance will be displayed. At certain times this will change to indicate a particular appliance operation or fault. The indicators you may see are as follows:

- The internal temperature of the appliance is higher than it should be. Ensure that the door is closed and that the airflow inside is not obstructed by excessive or poor loading of the product. The alarm will reset if the temperature falls to a normal level. If this does not happen please contact your authorised dealer or Foster Service.
- The internal temperature of the appliance is lower than it should be. Check to ensure that the appliance has not been loaded with product at a lower temperature than the normal appliance operating temperature. If this is not the case please call your authorised dealer or Foster Service.
- do – The appliance door is open. Close the door to cancel the alarm.
- tA – This indicates that the internal temperature probe has failed. Call your authorized dealer or Foster Service to arrange for this to be replaced. During this time the appliance cannot maintain an accurate temperature and

all products should be removed and the appliance switched off.

- tE – This indicates that the evaporator probe has failed. Call your authorized dealer or Foster Service to arrange for this to be replaced.
- PF – The mains power has been removed from the appliance for some time and has now been restored. This may have resulted in a rise in appliance temperature. Caution should be taken when using products stored within to ascertain whether these products are suitable for use. Upon restoration of the power supply, the appliance will resume normal operation and the PF can be canceled by pressing button 1 once.
- hC – The condenser temperature is higher than it should be. If the appliance is being subjected to particularly high ambient temperatures steps should be taken to reduce this. If the ambient temperature is not high or reducing the temperature does not rectify the fault please contact your authorized dealer or Foster Service.
- Cnd – The condenser clean period has expired. Please contact your authorized dealer or Foster Service. While in an alarm condition icon 'a' will also be illuminated. The audible alarm can be muted temporarily by pressing button 1.

(Some indications are only visible periodically during specific appliance operations such as defrosting or when activated through the use of the appliance).

#### For more information

+44 (0) 1553 698485 regional [@foster-gamko.com](mailto:@foster-gamko.com) [fosterrefrigerator.com](http://fosterrefrigerator.com)

#### Document ID code

00-571140v1 Original Instructions

#### For service and spares:

For service +44 (0) 1553 780333 service [@foster-gamko.com](mailto:@foster-gamko.com) For parts +44 (0) 1553 780300 parts [@foster-gamko.com](mailto:@foster-gamko.com) Original Instructions6

### FAQ – Frequently Asked Questions

#### Q: How should I clean the appliance?

A: Use a mild detergent and a soft cloth to clean the exterior surfaces. Avoid using abrasive cleaners that can damage the finish.


#### Q: What should I do if the appliance is making unusual noises?

A: Check for any obstructions near the ventilation openings and ensure the appliance is on a stable surface. If the issue persists, contact customer support.




#### Q: Can I adjust the temperature settings of the appliance?

A: Yes, you can adjust the temperature settings using the control panel buttons. Refer to the user manual for detailed instructions.

### Documents / Resources

	<p><b><a href="#">FOSTER FD2-22 Controller and LCD5S Display</a></b> [pdf] Instruction Manual FD2-22, FD2-22 Controller and LCD5S Display, Controller and LCD5S Display, LCD5S Display, Display</p>
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## References

-  [Foster Refrigerator - Commercial Refrigeration Manufacturer](#)
-  [Gamko Are The Experts in Professional Drinks Cooling](#)
-  [Foster Refrigerator - Commercial Refrigeration Manufacturer](#)
- [User Manual](#)

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