



By Appointment to  
Her Majesty Queen Elizabeth II  
Suppliers of Commercial Refrigeration  
Foster Refrigerator, King's Lynn

# EP Bakery Cabinets

EP20BSR/BSF, EP26BSR/BSF

With FD2-10 Controller & LCD5S Display

Original Operation Instructions

English



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## Models Applicable to This Manual

EP20BSR  
EP20BSF

EP26BSR  
EP26BSF

## Climate Class

Climate class indicated on the serial plate, shows the temperature & humidity at which this appliance has been tested, for the purposes of establishing values in line with European standards.

### Important Note to the Installer:











Please ensure that this document is passed to the user as it contains important guidelines on operation, loading, cleaning and general maintenance and should be kept for reference.

## Electrical Safety

Foster Refrigerator recommends that the equipment is electrically connected via a Residual Current Device; such as 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 cabinet.










## 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 in the structure of a built in unit clear of any obstructions.
-  Do not use electrical appliances inside the storage compartment.
-  The appliance is air tight when the door is closed therefore under no circumstances should any living body be stored or 'locked in' the appliance.
-  The moving of the appliance should be carried out by competent personnel, ensure that two or more people are used to guide and support the appliance, the appliance should not be moved over uneven surfaces.
-  The emitted sound level of this appliance is below 70db(A).
-  To ensure stability the appliance should be located on a flat, level surface, correctly loaded with the castors locked.
-  If the supply cord is damaged, it must be replaced by the manufacturer, it's service agent or similarly qualified persons in order to avoid hazards.
-  Care should be taken to avoid prolonged contact with cold surfaces with unprotected body parts, Correct PPE to be used at all time.
-  When moving the appliance appropriate gloves should be worn, and a relevant risk assessment carried out.

## LCD55 Display Icons and Buttons



## Indicators and Buttons

Symbol	Reason	Button	Use
	Alarm		Info / Set point Button
	Thermostat Output		Manual Defrost / Decrease Button
	Fan Output		Increase Button / Manual Activation
	Defrost Output		Stand-by Button
	Activation of 2 <sup>nd</sup> Parameter set		

## Start-Up and Test Sequence



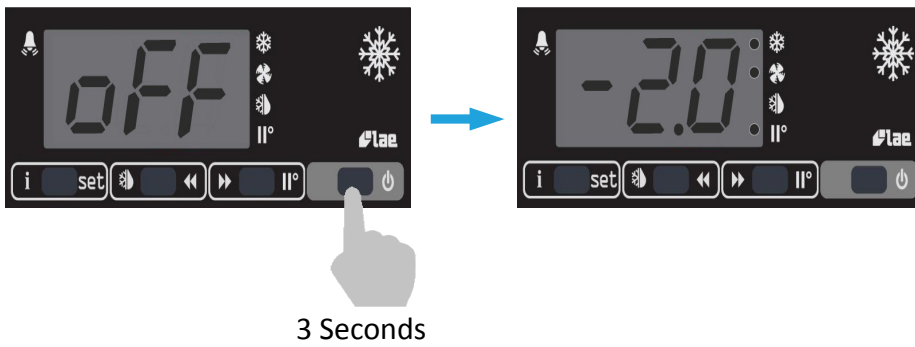
**After unpacking, clean and allow the cabinet to stand for 2 hours before turning on (cleaning directions supplied within this manual).** Ensure the cabinet is situated away from hot air sources, as this will affect its performance. Make sure that a minimum clearance of 150mm above the cabinet is available for ventilation and effective operation. Connect the unit to a suitable mains power outlet and turn the supply on. **Do not** plug or unplug the unit with wet hands.

Cabinets are supplied ready for operation.

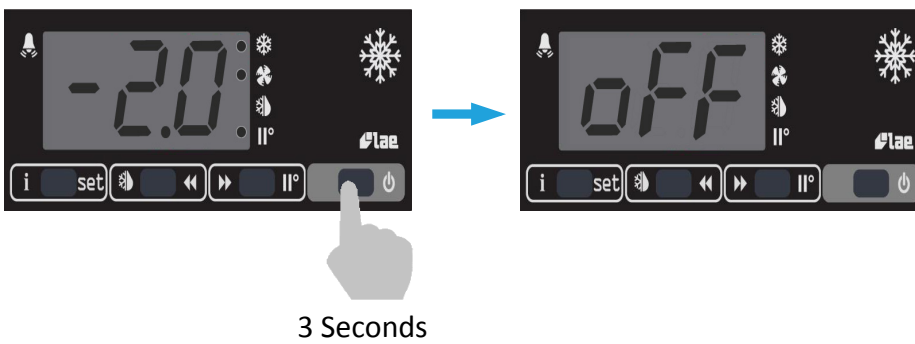
After connecting the unit to the mains the display will briefly show a dash in the centre of the screen. This will then show *oFF*.



### Switching On The Cabinet



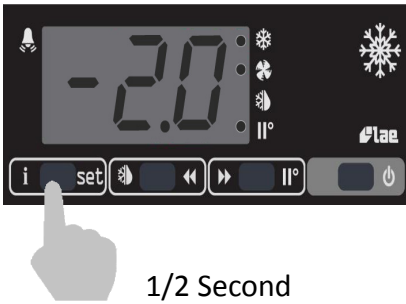
### Switching Off The Cabinet



'OFF' will show while the unit is not operating but still has mains power applied to it. This mode may be used for interval cleaning regimes and short periods when the unit is not required. For extended periods of inactivity the mains supply should be isolated.

### User Adjustments

#### Check Storage Temperature Set Point

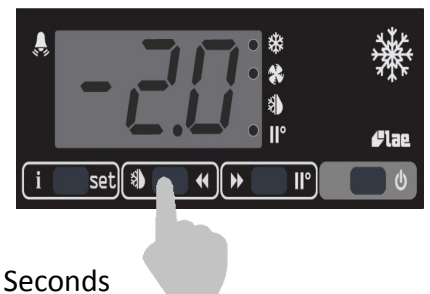


#### Automatic Defrost -

The cabinet will periodically defrost during normal operation.

#### Manual Defrost -

If an additional manual defrost is required, this can be initiated.



## Alarms and Warnings

During normal operation the displays will show either the temperature or one of the following indicators:

<b>hi</b>	Cabinet High Temperature Alarm	<b>E1</b>	Air Temperature Probe T1 Failure
<b>Lo</b>	Cabinet Low Temperature Alarm	<b>E2</b>	Evaporator Temperature Probe T2 Failure (Freezer Cabinets Only)
<b>do</b>	Door Open Alarm	<b>HP</b>	High Pressure Alarm (Freezer Cabinets Only)

## Keypad Security Settings

The keypad lock avoids undesired, potentially dangerous operations, which might be attempted when the controller is operating in a public place.

Press briefly 'i set' then use either '⏪' or '⏩' to select 'Loc'. While holding 'i set' use either '⏪' or '⏩' to change from a 'YES' to 'NO'. Leave for 10 seconds or briefly press '⏻' to resume.

## Load/Product Distribution and Airflow

Product should be evenly distributed throughout the cabinet.

No more than 20kg should be placed on each shelf. Product should be placed in a way that ensures air can circulate around/through it.

## Cleaning and Maintenance

**Important: Before cleaning, the unit should be put into standby and then the power supply should be turned off at the mains. Please do not plug or unplug the unit with wet hands. Only when cleaning has been completed and the unit is dry should the cabinet be turned back on at the mains. Using high pressure water jets or lances is prohibited; the warranty will not cover problems that result from failure to heed the above warning.**

Regular Maintenance:

As and when required remove all product and shelving (beware of cold and or sharp components) from the unit. Clean exterior and interior surfaces with mild liquid detergent, following the directions on the pack at all times. Rinse surfaces with a damp cloth containing clean water. Never use wire wool, scouring pads/powders or high alkaline cleaning agents i.e bleaches, acids and chlorines as these may cause damage. Dry the unit thoroughly before re-using.

A competent person should clean the condenser at least once a month (it is located behind the unitcover); beware of hot and possible sharp components).

On both the cabinet remove the unit cover securing screw(s) positioned underneath the front of the unitcover. Pull the cover forward and it will release from the securing pegs to allow access to the condenser coil.

Once the cover is removed please do not leave the unit unattended. Use a soft brush or vacuum cleaner to remove dirt/dust. If there are any stubborn grease deposits left on or through the condenser call your supplier to carry out a full service (this is normally chargeable). Failure to maintain the condenser may invalidate the warranty of the condensing unit and cause premature failure of the motor/compressor. **DO NOT** use a wire brush to clean the condenser. Re-fit any panels removed after cleaning.



Door gaskets should be inspected on a regular basis and replaced if damaged. To clean, wipe with a warm damp soapy cloth followed by a clean damp cloth. Finally thoroughly dry before closing the door.

### Disposal Requirements

If not disposed of properly, these cabinets have components that can be harmful to the environment. All cabinets must be disposed of by appropriately registered and licensed waste contractors, and in accordance with national laws and regulations.

### In the event of a fault, prior to contacting your supplier

#### Make sure that:-

- a) The plug has not come out of the socket and the mains power supply is on i.e. is the controller illuminated?
- b) Check to see if the unit is in standby
- c) The fuse has not blown
- d) The cabinet is positioned correctly – cold or warm air sources are not affecting the performance
- e) The condenser is not blocked or dirty
- f) The products are placed in the unit correctly
- g) Defrost is not in progress or required

If the reason for the malfunction cannot be identified, disconnect the electrical supply to the unit and contact your supplier. When requesting a service call, please quote the model and serial number which can be found on the silver label located on the inside of the unit (starts E.....).



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