



# Original Operation Instructions

## Undercounter Cabinets & Prep Tables, 410 Economy & Space Saver models with BIT25 Controller & LCD5S Display



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ISO 14001

ISO 9001

### Important Note To The Installer:

**If you are not the user please pass this document on to them as it contains important guidelines on operation, loading, cleaning and general maintenance and should be kept for reference.**

#### Disposal requirements

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

#### Start-Up and Operation



**After unpacking leave to stand for 60 minutes and clean before turning on (cleaning directions supplied within this manual).** Please think of where the cabinet is to be situated as cold air from air conditioning units & direct heat sources can affect its performance, also warm air is produced from the rear of the unit. Make sure that a minimum clearance of 50mm above and beside the cabinet is available for ventilation and effective operation.

Insert the mains plug into the wall socket and turn on, please do not plug or unplug the unit with wet hands. The cabinet will start automatically displaying the actual internal temperature of the unit (area where product is stored).

As the operating temperature has been pre-set no adjustments are required. Allow the cabinet to reach its normal operating temperature before loading.

#### Controller Buttons & Warnings

Controller Operation		Alarms/Warnings	
	Info/Set point Button		Controller in stand-by
	Manual defrost /Decrease Button		Condenser high pressure alarm
	Manual activation /Increase Button		Room high temperature alarm
	Exit/Stand-by Button		Room low temperature alarm
	Compressor Output		Probe T1 failure (Air)
	Fan Output		Generic Alarm
	Alarm		Condenser high temperature alarm
	Defrost Output		Defrost in progress
	Activation of 2 <sup>nd</sup> parameter set		Door open alarm
			Condenser clean warning

#### Standby

Pressing this button for 5 seconds will allow the unit to be turned on or put into standby.

#### Keypad Unlock

Press & release then use to select 'LOC'. Press and hold to change from 'YES' to 'NO'. Leave for 10 seconds or briefly press to resume.

#### Shelves, Supports & Drawers.

**Shelves** – 'H' models are supplied with slotted removable shelf supports. The rear supports have an inbuilt 'slot' to prevent the shelf from damaging the rear air duct.

'L' models have fixed shelves that are part of the freezer system and cannot be removed.

**Refrigerated Drawers** can be removed by pulling out to their full extent and lifting so that the rollers pass through the slots in the drawer runners. Please make a note of which drawers came from which runners.

#### Food

Cover all foods and separate raw and cooked foods to avoid cross contamination.

#### Loading & Airflow



Evenly distribute loads on shelves making sure that no more than 25kg is placed on each. Also ensure the air can circulate around/through the stored product.

### Internal Light (where fitted)

The on/off switch is located on the front of the light fitting.

### Door Lock

To lock insert the key and turn 90°, turn in the opposite direction to unlock.

### Defrost

**HR 150 and HR410** models are fitted with an automatic defrost function ensuring the cooling plate remains free from ice. The 'melt water' is automatically evaporated using the heat from the refrigeration system.

**LR150 and LR410** models have static freezer shelves and require manual defrosts. The entire stored product should be removed and placed in a separate freezer. Switch off the mains electric and leave the cabinet's door open while placing a bowl inside to catch the water as it defrosts. Once fully defrosted and dry inside the cabinet can be turned on again at the mains. Do not replace frozen food into the cabinet until it has reached its normal operating temperature.

**All other 'Under-Counter' and 'Space-Saver' models** are fitted with a fully automatic defrost system to ensure that the evaporator coil remains free from ice in normal use. Melt-water is evaporated using the heat from the refrigeration system.

### Cleaning and Maintenance



**Important: Before cleaning 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 may the cabinet be turned back on at the mains.**

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.
- Clean the condenser at least once a month (it is located at the rear of the units; beware of hot and possible sharp components). 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. Shelves and their supports should be removed to clean. The shelves are dishwasher safe; however the vertical supports should be cleaned with warm soapy water then rinsed & dried like the gaskets.

### Troubleshooting

Before calling your supplier please make sure that:

- a) The plug has not come out of the socket and the mains power supply is on i.e. are the lights working?
- b) The fuse for the cabinet has not blown
- c) The cabinet is positioned correctly – cold air from air conditioning units & direct heat sources as can affect performance
- d) The condenser is neither blocked nor dirty
- e) The products are placed in the unit correctly
- f) Defrost is not in progress or required
- g) Check at regular intervals that the operating noise of the unit is normal and the condenser is clean

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 quote the model and serial number which can be found on the silver label located on the inside of the units door (starts E5.....).



**FOSTER REFRIGERATOR (a division of ITW Ltd.)**

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**GB** DECLARATION OF CONFORMITY  
**D** ÜBEREINSTIMMUNGSERKLÄRUNG  
**DK** OVERENSSTEMMELSE - ERKLÆRING  
**E** DECLARACIÓN DE CONFORMIDAD  
**F** DECLARATION DE CONFORMITE  
**FIN** VAATIMUSTENMUKAISUUSVAKUUTUS  
**GR** ΔΗΛΩΣΗ ΠΡΟΔΙΑΓΡΑΦΗΣ  
**I** DICHIARAZIONE DI CONFORMITA'  
**NL** CONFORMITEIT'S VERKLARING  
**P** DECLARAÇÃO DE CONFORMIDADE  
**PL** DEKLARACJA ZGODNOŚCI CE  
**S** GARANTI



**GB** We declare the following equipment:

**D** Man erklärt, daß folgendes Gerät mit den nachstehend aufgeführten Europäischen

**DK** Man erklærer, at det følgende apparatur:

**E** Se declara que el siguiente equipo:

**F** Nous déclarons que les appareils suivants:

**FIN** Täten vakuutamme, että seuraava laite:

**GR** Δηλώνεται ότι η παραβουσα συσκευή:

**I** Si dichiara che la seguente apparecchiatura:

**NL** De volgende machines:

**P** Se declara que a seguinte maquina:

**PL** Deklarujemy że następujące urządzenie:

**S** Härmed udertygas att följande apparatur:

**Models:**

**HR150-A, LR150-A  
HR200, LR200, HR200FT  
HR360, LR360, HR360FT  
HR410, LR410  
HR120, LR120  
HRB120, LRB120  
HR240, LR240**

**GB** comply with the following European Directives:

**D** richtlinien übereinstimmt:

**DK** er i overensstemmelse med de følgende europæiske direktivers forskrifter:

**E** es en conformidad a cuanto establecen las siguientes Normas Europeas:

**F** sont conformes aux Directives Européennes:

**FIN** vastaa seuraavien Euroopan yhteisön direktiivien vaatimuksia:

**GR** τηρεί τις προδιαγραφές των εξής Ευρωπαϊκών Οδηγών:

**I** è conforme a quanto prescritto dalle seguenti Direttive Europee:

**NL** conform met de Europeese Wetgeving:

**P** è feita seguindo as prescrições das seguintes diretinas eu:

**PL** Spełnia wymogi następujących Dyrektyw Europejskich:

**S** ä normriktigt och utformad enligt följande Europeiska direktiv:

**GB** and have been designed, realised and controlled according to the following regulations:

**D** das Gerät ist folgenden Normen gemäß entworfen, angefertigt und geprüft worden:

**DK** er blevet projekteret, realiseret og kontrolleret i følge neden for beskrevne normer:

**E** y estuvo proyectado, realizado y controlado según las siguientes normas:

**F** et ont été conçus, réalisés et contrôlés suivant les normes:

**FIN** ja että se on suunniteltu, valmistettu ja tarkistettu seuraavien säännösten mukaisesti:

**GR** και σχεδιασθηκε, κατασκευασθηκε και ελεγχθηκε:

**I** ed è stata progettata, realizzata e controllata secondo le seguenti norme:

**NL** die volgens de volgende normen worden geconstrueerd, uitgevoerd en gecontroleerd:

**P** e foi projectada, realizada e controlada Segundo as seguintes normas:

**PL** Oraz że została zaprojektowana, wyprodukowana i skontrolowana zgodnie z następującymi przepisami:

**S** projekerad, realiserad och kontrollerad enligt följande normregler:

**On behalf of Foster Refrigerator:**

**C.M. Playford**

(Market & Development Director)

**2006/42 EC**

**2004/108 EC**

**REG.1935/2004 EC**

**2006/95 EC**

**2002/95 EC**

**97/23 EC**

**UNI EN ISO 12100-1**

**UNI EN ISO 12100-2**

**UNI EN ISO 13857**

**UNI EN 378-1**

**CEI EN 60204-1**

**CEI EN 60335-1 / 2-89**

**CEI EN 61000-1 ... 4**

**August 2011**