



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

# Multideck Display Chillers

Slim 700, 900, 1200, 1500 & 1800 NG & RF models, Pro 900, 1200, 1500 & 1800 NG & RF models

AD2-28 Controller & RU33 Display

English

**Français** 

**Nederlands** 

**Deutsch** 

**Español** 

Česky

Русский

Magyar





00-556423 Aug 2012 Issue 4



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#### 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.



## General 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.

#### **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 4



After unpacking leave to stand for 60 minutes and clean before turning on (cleaning directions supplied within this manual). Locate the Multideck with care - cold air from air conditioning units & direct sunlight can affect its performance, while warm air is produced from the rear of the unit. Insert the mains plug into the wall socket and switch on. Please do not plug or unplug the unit with wet

hands. The Multideck will start automatically, displaying the actual internal temperature of the unit (area where product is displayed). All models are pre-set at +3° C to +5°C, so no adjustments are required. Allow the Multideck to reach its normal operating temperature before loading.

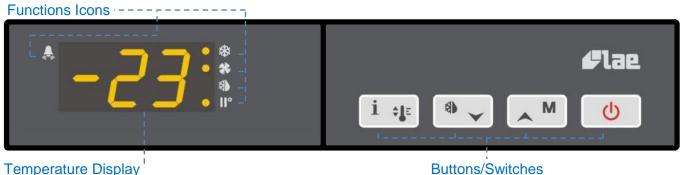
With an interruption to the main power supply, the Multideck will re-start automatically after power is restored. The vaporiser tray (at the base of the unit) may overflow during a power cut but this is dependent on the length of time the power is off.

## Standby



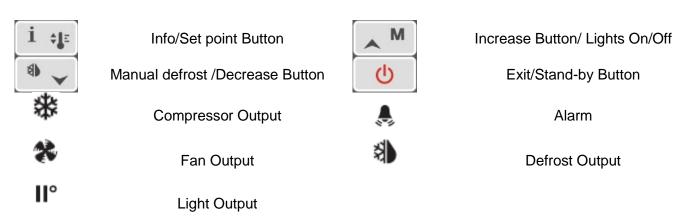
Pressing this button for 3 seconds will allow the unit to be turned on or put into standby.

#### **Display Icons and Switches**



**Buttons/Switches** 

#### Icons and Buttons/Switches



# FOSTER

#### **Set Point Display**

Press button I for at least half a second to display the set point.

**Keypad Security Settings** 

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

## Internal Light M

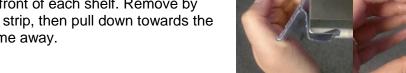
When pressed and released this button will switch on and off the display lights. With the unit on or in standby mode.

#### **Shelves and Supports**

**Shelves** are removed by lifting upwards and away from the supports (which stay in the unit). Pull the shelf towards you until free of the Multideck. The base shelf can be lifted out in a similar way, but this does not have removable supports.

**Supports** are removed after shelf removal. Tilt the support upwards to then move towards you. Each has three cut outs that allow the shelf to be positioned at three different angles.

**Ticket Strips** are placed on the front of each shelf. Remove by holding the front of the shelf and strip, then pull down towards the underside. The strip will then come away.



## **Loading and Airflow**

Distribute the load evenly and make sure that it doesn't exceed the maximum amounts stated below.

Slimline NG & RF Models	700	900	1200	1500	1800
330ml Drink Can Capacity	216	288	384	504	624
	(54 per shelf)	(72 per shelf)	(96 per shelf)	(126 per shelf)	(156 per shelf)
Pro NG & RF Models		900	1200	1500	1800
330ml Drink Can Capacity		420	560	735	910
		(84 per shelf)	(112 per shelf)	(147 per shelf)	(182 per shelf)

#### (Calculated as a single stack of cans per shelf)

Make sure air can circulate around/through the product do not cover the base shelf's front grill. Keep space between the top of the product and the shelf above. Product must be cold before loading - Multidecks are designed to maintain the merchandise temperature and not chill product from room temperature.

#### **Shutters & Nightblinds**

**Shutters** are slatted solid covers that roll down in a single motion and then retract by being pushed upwards. To avoid damage, do not let go of the shutter when pushing back or pulling down. To lock insert the key & turn through 180° until you hear the lock click into place (keys should be kept out of the reach of the general public & especially children).

Nightblinds are fabric covers without locks and pull down in a single, smooth

motion; a mechanism in the roller then stops the blind from retracting. To retract, simply pull down on the blind a small amount, which in turn triggers the mechanism to retract back up towards the top of the unit. To avoid damage, guide the blind when retracting by holding the handle.

When the Multideck is not required to display product, the shutter or blind should be closed fully. This will conserve energy used by the unit, maintain product temperature and hide merchandise from view.

#### **Defrost**

The Multideck automatically defrosts at regular time intervals, lasting a maximum of 20 minutes during which def will show. Defrost can be manually activated by pressing and holding.



## 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 Multideck be turned back on at the mains.

Regular Maintenance:

- Air circulating in the unit should feel noticably cooler than the ambient temperature.
- As and when required, remove all product and shelving from the unit (including the base shelf beware of cold and or sharp components). Clean exterior and interior surfaces with mild liquid detergent, following the directions on the pack at all times. Clean surfaces with a damp cloth and clean water. Never use wire wool or scouring pads/powders as these may cause damage.
- Clean the condenser at least once a month (it is located behind the front grille). Remove the 3 screws at the base of the panel and drop it downwards (beware of hot and possible sharp components behind the grille). 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 a chargeable service).
- 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 the front grille after cleaning.

#### **Troubleshooting**

Before calling your supplier please make sure that:

- a) The plug is in the socket and the mains power supply is switched on i.e. are the lights and fans working?
- b) The fuse for the unit has not blown
- c) Are the lights working or able to be turned on? If not this may be due to high pressure
- d) The unit is positioned correctly cold air from air conditioning units & direct sunlight can affect performance
- e) The condenser is clean and not blocked
- f) The products are placed in the unit correctly
- g) The units' air curtain is not obstructed
- h) Defrost is not in progress
- i) 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

When requesting a service call quote the model and serial number which can be found on the silver label located on the ceiling of the unit (starts E5.....).

#### Alarms/Warnings

Lo	Unit Low Temperature Alarm	E	T1 Air probe failure
1-0	Unit High Temperature Alarm	EE	T2 Evaporator probe failure
hP	High pressure alarm (Mains lights will go off).	EB	T3 Product probe failure
oFF	Controller in Standy-by	dEF	Defrost in progress
Loc	Keypad Locked		



#### REFRIGERATOR

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

Oldmedow Road, King's Lynn, Norfolk. PE30 4JU United Kingdom

**GB** DECLARATION OF CONFORMITY

**D** ÜBEREINSTIMMUNGSERKLÄRUNG

**DK** OVERENSSTEMMELSES - ERKLÆRING

**E** DECLARACIÓN DE CONFORMIDAD

F DECLARATION DE CONFORMITE

FIN VAATIMUSTENMUKAISUUSVAKUUTUS

**GR** ΔΗΛΩΣΗ ΙΙΡΟΔΙΑΓΡΑΦΗΣ

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 aufgefürten 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** Δηλωνεται οτι η παρεβουσα συσκευη:

Si dichiara che la seguente apparecchiatura:

**NL** De volgende machines:

P Se declara que a seguente maguina:

PL Deklarujemy że następujące urządzenie:

**S** Härmed udertygas att följande apparatur:

**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** τηρει τις προδιαγραφες των εξης Ευροπαϊκων Οδηγων:

I è conforme a quanto prescritto dale seguenti Direttive Europee:

NL conform met de Europeese Wetgeving:

P è feita siguendo as prescrições das siguentes diretinas eu:

**PL** Spelnia wymogi następujących Dyrektyw Europejskich:

**S** ä normriktig och utformad enligt fölande Europeiska direktiv:

Models:

FMPRO900RF, FMPRO1200RF, FMPRO1500RF, FMPRO1800RF, FMPRO900NG, FMPRO1200NG, FMPRO1500NG, FMPRO1800NG FMSLIM700RF, FMSLIM900RF, FMSLIM1200RF, FMSLIM1500RF, FMSLIM1800RF, FMSLIM 700NG, FMSLIM900NG, FMSLIM1800NG, FMSLIM1500NG, FMSLIM1800NG

2006/42	EC
2004/108	EC
REG.1935/2004	EC
2006/95	EC
2002/95	EC
97/23	EC

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

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

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

**E** y estuvo proyectado, realizado y controdado según las siguentes normas:

F et ont été conçus, réalisés et contrôlés suivant les norms:

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

**GR** και σχεδιαστηκε, καταστευαστηκε και ελεγχτηκε:

I ed è stata progettata, realizzatta e controllata second le seguenti norme:

**NL** die volgens de volgende normen warden gecontrueerd, uitgevoerd en gecontroleerd:

P e foi projectada, realizada e controlada Segundo as siguentes normas:

PL Oraz że zostala zaprojektowana, wyprodukowana I skontrolowana zgodnie z nastęepującymi przepisami:

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

On behalf of Foster Refrigerator:

C.M/Playford

(Market & Development Director)

**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