



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



Original Operation Instructions

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ISO 9001

ISO 14001

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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



After unpacking leave to stand for 60 minutes and clean before turning on (cleaning directions are supplied within this manual). Position the Multideck with care on a level, flat, solid surface area.

Avoid cold air from air conditioning units & direct sunlight as these factors will affect the units' performance. Warm air is produced from the rear of the unit & for this reason please leave a breathing area around the unit as follows:

Gap Position	Gap Measurement	Relevant Models
Each Side of the Unit to Wall or next Unit.	10mm	Slim & Pro
Top of Unit to Ceiling (No Rear Ventilation)*	80mm	Slim & Pro
Top of Unit to Ceiling (With Rear Ventilation)	10mm	Slim & Pro
Rear of Units Wall Spacer to Wall	60mm	Slim
Rear of Units Wall Spacer to Wall	20mm	Pro

*When positioned into a recess or similar small area.

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

Functions Icons



Temperature Display

Buttons/Switches

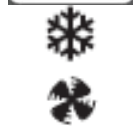
Function Icons and Buttons/Switches



Info/Set point Button



Increase Button/ Lights On/Off



Manual defrost /Decrease Button



Exit/Stand-by Button



Compressor Output



Alarm



Fan Output




Defrost Output







Light Output

Set Point Display

Press button  briefly (at least half a second) to display the set point.

Keypad Security Settings

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

Internal Light



When pressed and released this button will switch on and off the display lights, with the unit running or in standby mode. If the lights do not come on this may be due to a fault warning, please see the troubleshooting section for more details.

Shelves and Supports

On delivery of the Multideck these parts are supplied wrapped inside the unit on the base shelf. These will require cleaning and fitting at first install.

Supports can be fitted at three different angles, allowing the shelf to be tilted or level. Each shelf requires two supports (unless on a 1500 or 1800 model then a third centre support is also required).

Slot the first support into one side of the ladder racking at the height and angle the shelf will be required. Repeat this on the opposite side at the same position and angle (do the same for the centre support if applicable).

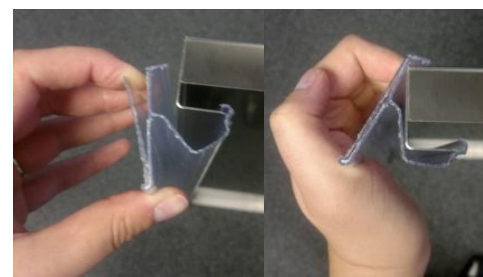
Always remember that you will need to allow for breathing space around, not only the shelves, but the product. Remember to leave enough space between the supports when positioning on the ladder rack.

Shelves are fitted once the supports are in place. Hold the shelf level and above the supports making sure the flat surface is facing upwards. Position the supports so that they sit in the recess between the edge of the shelf and central moulding. When positioned correctly the shelf will drop down onto the supports and be secure.

The base shelf will already be fitted but can be removed by lifting straight up and away. This does not have any supports and should not be removed when the unit is energised.

Ticket Strips can be fitted when shelves are in situ or before fitting. These plastic mouldings are placed on the front of each shelf by firstly hooking underneath then once gripped pushing onto the shelf facet in an upwards motion. Make sure that all of the strip has secured itself to the shelf and is secure.

All these parts are removable by carrying out the above instructions in reverse. This should be carried out at regular intervals for cleaning purposes.





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 (54 per shelf)	288 (72 per shelf)	384 (96 per shelf)	504 (126 per shelf)	624 (156 per shelf)
Pro NG & RF Models	900	1200	1500	1800	
330ml Drink Can Capacity	420 (84 per shelf)	560 (112 per shelf)	735 (147 per shelf)	910 (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. Maintain 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 opening or closing. 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 and a securing latch on the front of the unit then stops the blind from retracting.

To retract, simply unhook the blind from the front securing latch and pull down gently on the blind, 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 gently holding onto the blind 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 noticeably 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). DO NOT use a wire brush to clean the condenser only 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). Re-fit the front grille after cleaning.
- > Failure to maintain the condenser will cause premature failure of the motor/compressor and in turn cause premature failure of the unit. This will invalidate the warranty of the unit and its parts.



Troubleshooting










Before calling your supplier please make sure that:

- > The plug is in the socket and the mains power supply is switched on i.e. are the lights and fans working?
- > The fuse for the unit has not blown
- > Are the lights working or able to be turned on? If not this may be due to high pressure
- > The unit is positioned correctly – cold air from air conditioning units & direct sunlight can affect performance
- > The condenser is clean and not blocked
- > The products are placed in the unit correctly
- > The units' air curtain is not obstructed
- > Defrost is not in progress
- > 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 ceiling of the unit (starts E5.....).

Alarms/Warnings

	Unit Low Temperature Alarm		T1 Air probe failure
	Unit High Temperature Alarm		T2 Evaporator probe failure
	High pressure alarm (Mains lights will go off).		T3 Product probe failure
	Controller in Standy-by		Defrost in progress
	Keypad Locked		



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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 παρεβουσα συσκευη:
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:

FMPRO900RF, FMPRO1200RF,
FMPRO1500RF, FMPRO1800RF,
FMPRO900NG, FMPRO1200NG,
FMPRO1500NG, FMPRO1800NG
FMSLIM700RF, FMSLIM900RF,
FMSLIM1200RF, FMSLIM1500RF,
FMSLIM1800RF, FMSLIM 700NG,
FMSLIM900NG, FMSLIM1200NG,
FMSLIM1500NG, FMSLIM1800NG

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 Ευρωπαϊκών Οδηγων:
I è conforme a quanto prescritto dale seguenti Direttive Europee:
NL conform met de Europeese Wetgeving:
P è feita seguindo as prescriçoes das seguintes diretinas eu:
PL Spelnia wymogi następujących Dyrektyw Europejskich:
S ä normriktig och utformad enligt fölande Europeiska direktiv:

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, 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 norms:
FIN ja että se on suunniteltu, valmistettu ja tarkistettu seuraavien säännösten mukaisesti:
GR και σχεδιαστηκε, κατασκευαστηκε και ελεγχτηκε:
I ed è stata progettata, realizzata 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 seguintes normas:
PL Oraz że została zaprojektowana, wyprodukowana I skontrolowana zgodnie z następującymi przepisami:
S projekterad, realiserad och kontrollerad enligt föliande normregler:

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

On behalf of Foster Refrigerator:

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(Market & Development Director)

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