



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

PS1000 & PS1400

FD2-10 Controller & LCD5S Display

Original Operation Instructions

English



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

A division of ITW Ltd



Call: +44 (0)1553 691 122

Email: support@foster-gamko.com

www.fosterrefrigerator.co.uk

Models Applicable to This Manual

15 / 148 PS1000
15 / 149 PS1400

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.

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.

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.

Start-Up and Test Sequence

After unpacking, clean and allow the counter to stand for 2 hours before turning on (cleaning directions supplied within this manual). Ensure the counter is situated where neither hot nor cold air sources will affect its performance. Make sure that a minimum clearance of 50mm to the rear of the counter 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.



Counters are supplied ready for operation.

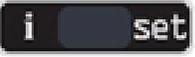
After connecting the unit to the mains the display will briefly show a dash in the centre of the screen. This will then show **off**.

Press and hold the  button for 3 seconds then release. (If pressed and held for 5 seconds then released will start the 'Test Sequence').

To cancel the 'Test Sequence' press and release the  button during the test. If not pressed the test will continue and when complete the controller will wait 1 minute, then resume normal operation.

User Adjustments

To Check Storage Temperature Set Point

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

Manual Defrost

To initiate a manual defrost press and hold the defrost button for 2 seconds 

Set Unit to Standby

When pressing the  button for 3 seconds, the unit will enter the standby mode and display **off**

This indication will be displayed while the unit is not operating but with mains power applied to the unit. 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.

Keypad Security Settings

The keypad lock avoids undesired, potentially dangerous operations, which might be attempted when the controller is operating in a public place. It can also prevent unauthorised adjustment of the cabinet temperature.

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.

Alarms and Warnings

Internal High and Low Temperature Alarms

In both cases the alarm will sound but can be silenced by pressing any button.

The unit will display the warning and continue to allow the counter to run, in hope of achieving either a higher or lower temperature to rectify the fault.

If this is successful then the alarm will clear.

If the fault is not rectified then the alarm will sound again (after the preset time period set within the parameters has elapsed) and you will need to call your service provider to arrange a repair.

Air Temperature Probe T1 Failure

The alarm will sound but can be silenced by pressing any button. There is no further action that can be taken by the user in this instance; therefore call your service provider as soon as possible. During this period the unit will continue to operate but have a reduced performance

Condenser Probe T3 Failure (Optional Probe)

The alarm will sound but can be silenced by pressing any button. There is no further action that can be taken by the user in this instance; therefore call your service provider as soon as possible. During this period the unit will continue to operate but have a reduced performance

Shelf Supports

The unit has slotted removable shelf supports allowing flexible shelf positioning. Ensure the trayslides/clips are fitted parallel and level.

When loading product onto the shelves ensure that it does not overflow the rear and sides as this will restrict airflow throughout the cabinet.

Load/Product Distribution and Airflow

Product should be evenly distributed throughout the cabinet or counter.

No more than 40kg should be placed on each shelf, basket or drawer. 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.
- Cleaning the condenser should be carried out as required in relation to the unit's usage and working conditions. We do however suggest that this should be carried out at least once in a 3 to 6 month period.
- This work should only be carried out by an authorised service provider due to the nature of the condensers location. Failure to maintain the condenser may invalidate the warranty of the condensing unit and cause premature failure of the motor/compressor.
- 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, pans and their supports should be removed to clean. The shelves and pans are dishwasher safe; however the supports should be cleaned with warm soapy water then rinsed and dried.

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. is the controller illuminated?
- b) Check to see if the unit is in standby
- c) The fuse has not blown
- d) The counter is positioned correctly – cold or warm air sources are not affecting the performance
- e) The products are placed in the unit correctly
- f) 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 right hand top inner front of the unit (starts E.....).



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UK Head Office

**Foster Refrigerator
Oldmedow Road
Kings Lynn
Norfolk
PE30 4JU**

a Division of ITW (UK) Ltd

Tel: +44 (0)1553 691 122

Email: support@foster-gamko.com

Website: www.fosterrefrigerator.co.uk