



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

Control Thaw

CT75KG & CT105KG

English



Original Instruction

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Foster Refrigerator
Oldmedow Road
King's Lynn
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Models Applicable to This Manual

CT75KG

CT105KG

Climate Class

Climate class is 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.

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.

Appliances with Flammable Refrigerants

Keep all Ventilation openings in the appliance and in the structure of the building clear at all times. Do not use any mechanical devices or any other means to accelerate the defrosting process, other than those recommended by the manufacturer.

WARNING:-

In order to reduce flammability hazards the installation of this appliance must only be carried out by a suitably qualified engineer.

Loading and Airflow

Ensure that there is no more than 75kg for a CT75 of evenly distributed product placed on the ten shelves and for the CT105 it is 105kg of evenly distributed product placed on the ten shelves.

Always ensure the air can circulate around/through the stored product.

It is important that for optimal energy performance that adequate airflow is maintained around the perimeter of the shelves, and around all stored products.

On all models please ensure that no product is placed on the unit base.

Clearance (All models)

Make sure that a minimum clearance of 310mm above and 50mm around the cabinet or counter is available for ventilation and effective operation.

Cleaning

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.

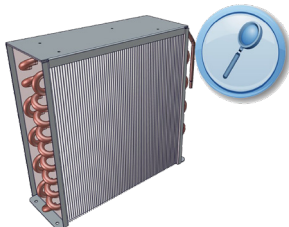
Suitable P.P.E (Personal Protective Equipment) should be worn at all times.

- All 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.

Condenser Cleaning

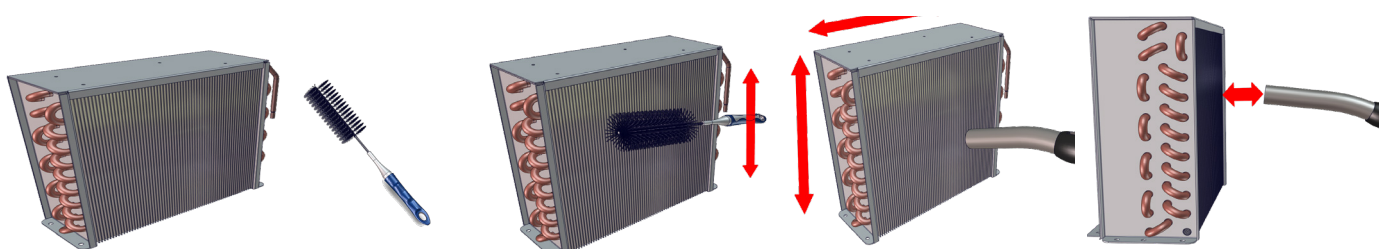
- Maintenance should take place on a regular basis or as and when required by a competent/trained personnel

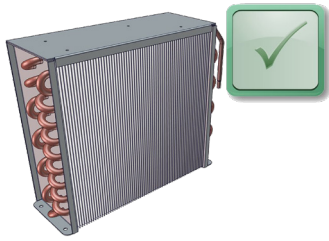
Traditional Fin Coil



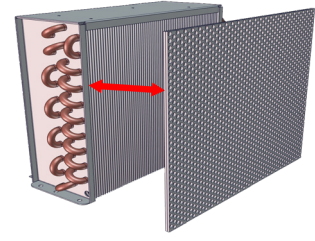
If there are any stubborn grease deposits left on or through the condenser call your supplier to carry out a full service (this is normally chargeable). Failure to maintain the condenser may invalidate the warranty of the condensing unit and cause premature failure of the motor/compressor. Do not use a wire brush to clean the condenser.

Traditional Fin Condenser Coil





Hoover or brush the air filter (where fitted)



Troubleshooting

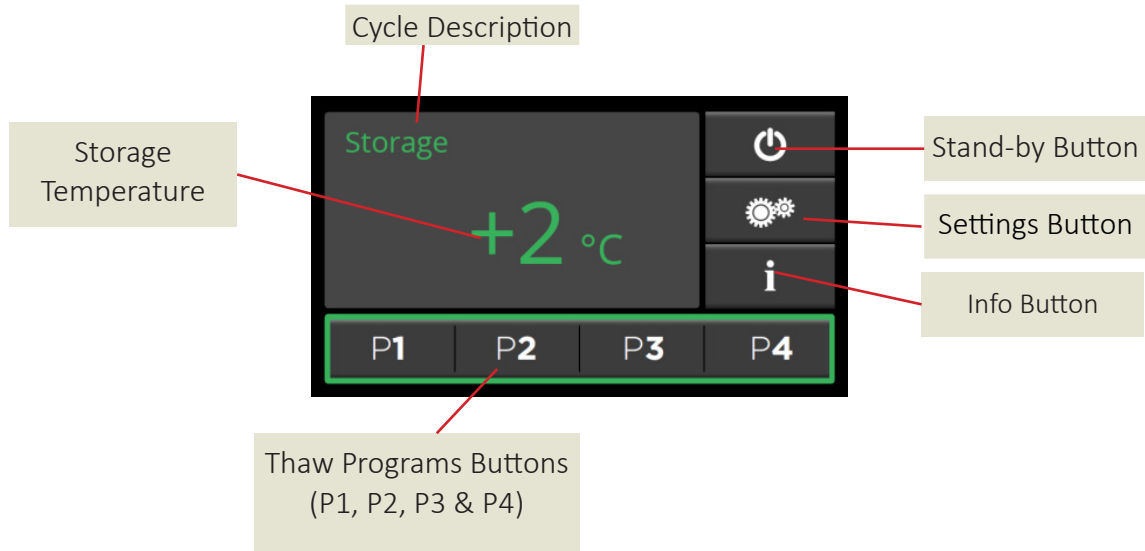
If you have a problem with your unit, Before calling your supplier please make sure that:

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

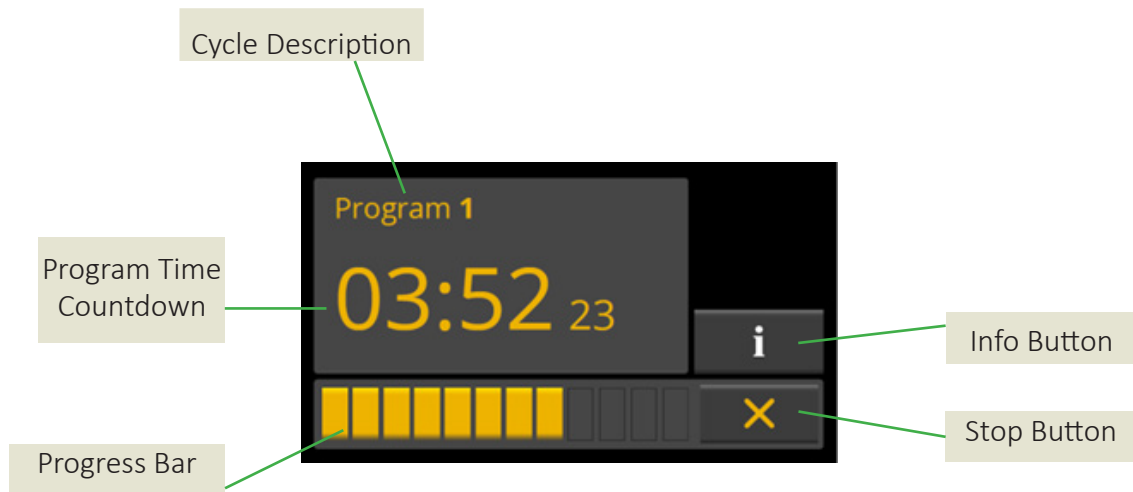
If the reason for the malfunction cannot be identified, disconnect the electrical supply to the unit and contact your supplier. When requesting a service call, please quote the model and serial number which can be found on the silver label located on the inside of the unit (starts E.....).

CONTROLLER FUNCTIONS

Storage Display



Program Display



In order to provide a highly visible, readily understandable format for the operator, the display screen uses a 'surround signal'; a colour code that has phase specific meanings as follows:



Green – Indefinite storage operating mode- no intervention required.



Yellow – Thaw program in operation- no intervention required.



Red – Process or system issue – operator intervention required.

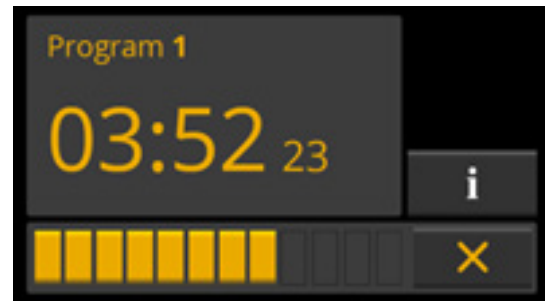
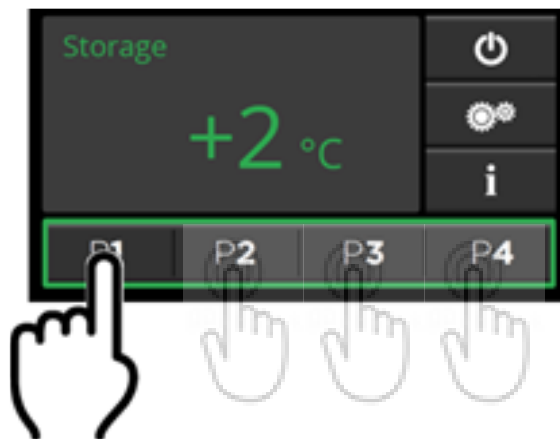
Switching to Run



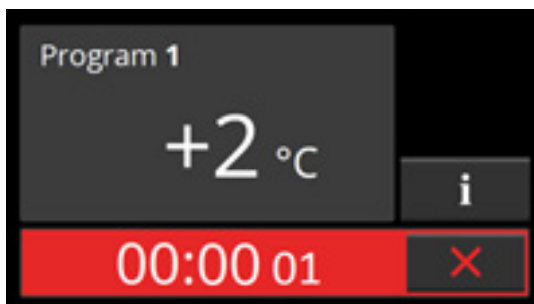
Switching to Standby



Starting A Thaw Program



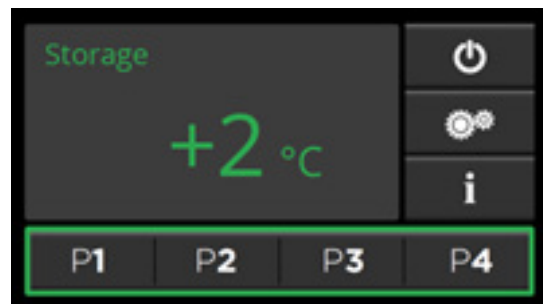
Stopping a Thaw Program



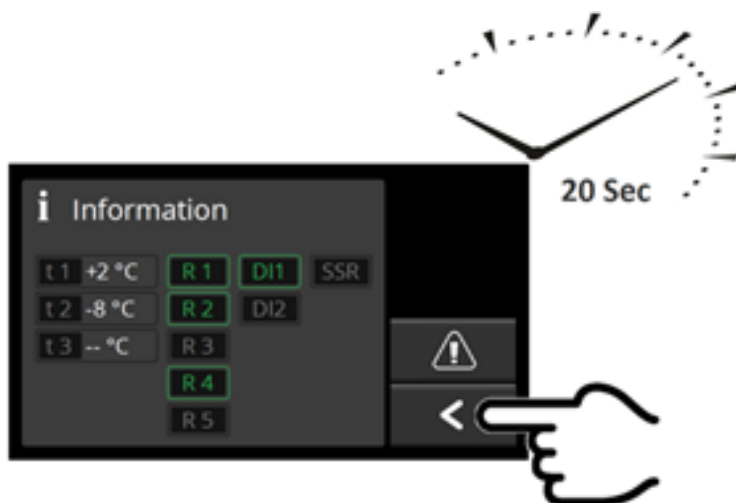
Upon completion of the thaw program, the end of cycle (EoC) alarm will sound. The controller will automatically revert to "hold" mode.

To stop the cycle

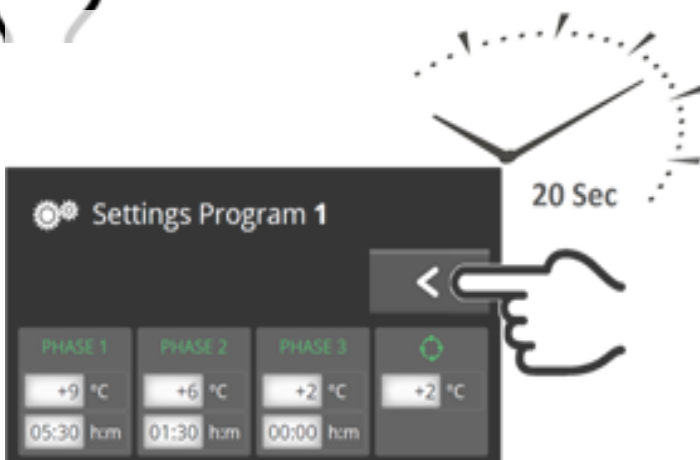
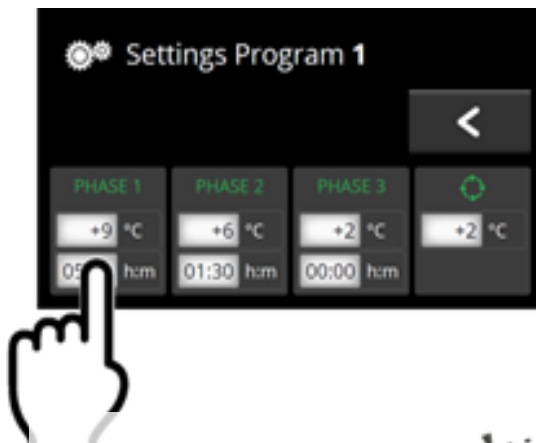
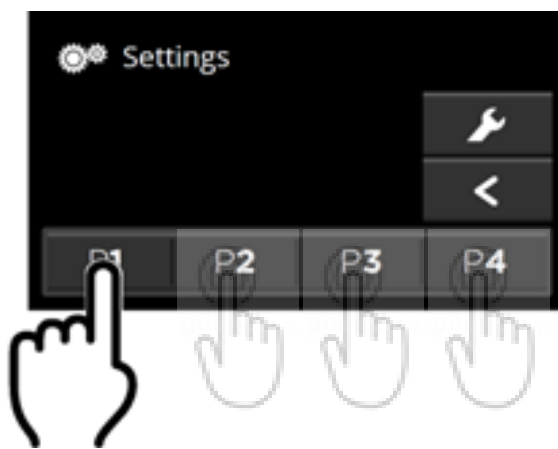
Cancelling a Thaw Program



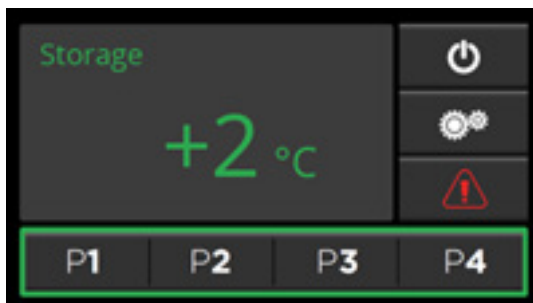
How to Get A Thaw Program Information



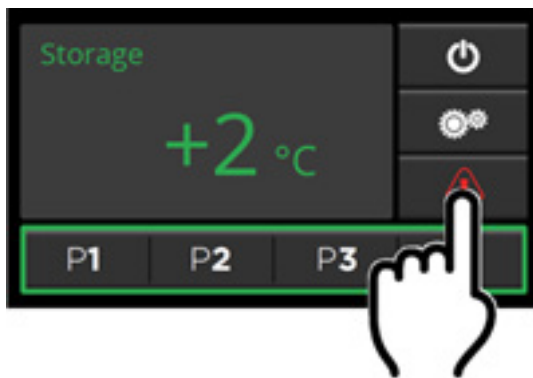
User Program Adjustment



Warning and Alarms



Active Alarms





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