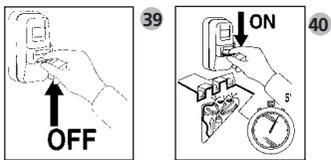
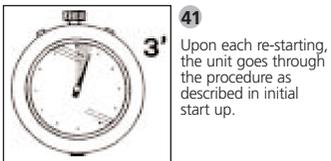


unit stop



To stop the ice maker always use the mains on/off switch.



monitor light description

The electric ice makers have five warning lights located on the front of the cabinet that monitor the following situations:

Glow: to indicate that unit is switched on



Glow: to indicate that the bin is full



Glow: to indicate that there has been an interruption in the water supply



Glow: to signal an alarm due to either too high or too low a temperature reached by the cooling condenser (call service agent)



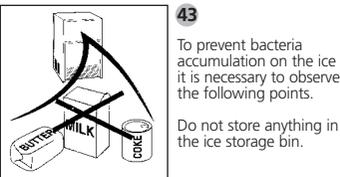
Blinks: 3 minute delay time at start up

Glow: freezer auger wrong rotation (call service agent)



Blinks: to signal alarm - freezer temperature too high (call service agent)

daily precautions

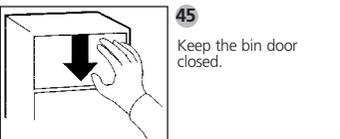


To prevent bacteria accumulation on the ice it is necessary to observe the following points.

Do not store anything in the ice storage bin.



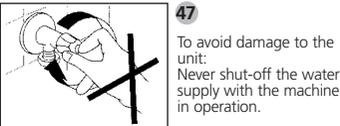
Keep ice scoop clean and disinfected.



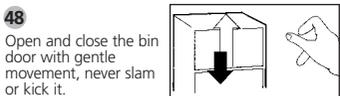
Keep the bin door closed.



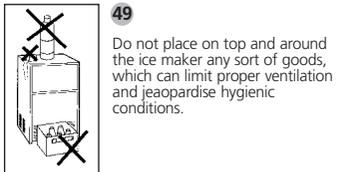
During the cleaning of the floor near the machine pay attention that dust does not get sucked in the unit by the fan motor.



To avoid damage to the unit: Never shut-off the water supply with the machine in operation.

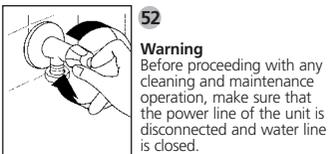
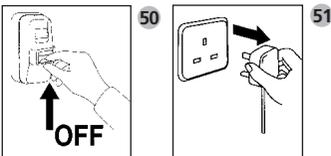


Open and close the bin door with gentle movement, never slam or kick it.

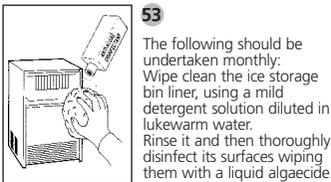


Do not place on top and around the ice maker any sort of goods, which can limit proper ventilation and jeopardise hygienic conditions.

cleaning and maintenance



Warning Before proceeding with any cleaning and maintenance operation, make sure that the power line of the unit is disconnected and water line is closed.



The following should be undertaken monthly: Wipe clean the ice storage bin liner, using a mild detergent solution diluted in lukewarm water. Rinse it and then thoroughly disinfect its surfaces wiping them with a liquid algaecide. For the cleaning of the exterior cabinet use a soft cloth with a mild detergent solution specific for Stainless Steel.

54 Cleaning of Water Circuit The water system should be cleaned at least twice per year and this should be undertaken by your authorised service agent. A recommended brand of Ice Machine cleaner should be used to remove any mineral deposits and scale build-up.

failure analysis

(What to do before calling a service agent)

If the machine does not work (All warning lights are off)

- Is the hand disconnect switch in ON position?
- Blown fuses at fuse box?
- Electric plug not fitted correctly?

Ice making capacity reduced or inefficient

- Is the water shut-off valve open?
- Is water and ambient temperature too high?
- Are there heating sources close to the machine or is there poor ventilation?

If the flake ice is not correct (too wet)

- Is the ice jamming in the spout or ice chute?
- Does water supply have too high a salt content?

Flake Ice Maker

FMIF 120

installation and operating instructions

GB

Operating instructions



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

Tel: 01553 691122
Fax: 01553 691447
Website: www.fosterrefrigerator.co.uk
Email: sales@foster-uk.com

a Division of ITW (UK) Ltd.

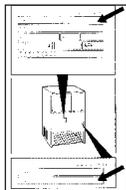
F5ERIESICEFLAKER/OP/INS 10/04



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.



preface



1 This publication is intended to acquaint you with the correct use of this ice machine and with the care that is required for trouble free operation and optimum performance. It is important to adhere to the instructions indicated. We suggest that you thoroughly read this manual, paying close attention to the warnings and advice that are given. Whenever communicating with the manufacturer about your machine, always indicate the model and serial number.

General Information at Delivery

Important: Carefully read this user manual before installing the machine.

2

Please note the following guidelines:

- That the packing does not show any sign of damage.
- That the unit corresponds to what is specified on the purchase order.
- That the machine is not damaged externally and no parts are missing.
- That during transport certain integral parts have not been damaged.

In case of severe damage or parts missing, report immediately to the delivering carrier and your distributor.

The illustrations shown in this manual are generic and can differ in some details from the delivered machine.

Any illustration, schematic or documents supplied with the machine belong to the manufacturer who reserve copyright and expressly forbids any reproduction of them without written permission.

The Manufacturer's policy is one of continuous improvement and reserves the right to make changes at any time without prior notice or incurring any obligation whatsoever.

unit description



3 The units described in this manual are self-contained flake ice makers, namely with a built in ice storage bin.

These flakers use the famous ice making system with vertical freezing cylinder.

In the storage bin a light sensor combination controls the collected ice level.

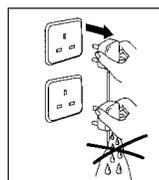
When the light sensor stops unit operation a corresponding warning light located on the machine front monitor panel will glow.

The five warning lights are nothing more than five LED which are integrated in the PC Board of the ice maker.

The PC Board governs the flake ice making process and protect the mechanisms against some common adverses conditions and situations, therefore the outstanding feature of these machines is the advanced microprocessor system which has proved to be reliable and more precise than the electromechanical controls used on the earlier series.

safety instructions

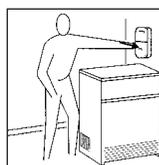
4 For the correct unit operation you must carefully read this manual and adhere to its instructions, by doing this your machine will operate safely and last for several years to come. If in any doubt you should contact your local distributor.



5 The Manufacturer accepts no responsibility whatsoever for any damage or injury to people resulting from the non-observance of the safety instructions.

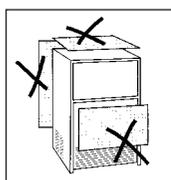
Warning Disconnect the electrical power before beginning any maintenance or cleaning operation.

6 Make sure your hands are properly wiped dry.



7 The electrical isolator switch must be within hand reach of the installed machine.

8 **Important** Do not remove any service panel secured with screws.

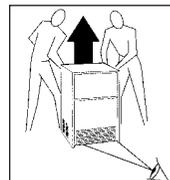


9 The water shut-off valve must be within hand reach of the installed machine.

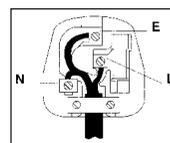
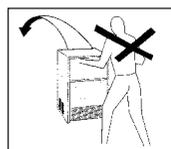
The water shut-off valve must be within hand reach of the installed machine.

11

Attention Maintenance and cleaning operations must be performed by authorised service agents.



12 If the unit is to be moved, be sure to lift it rather than damage the levelling feet.



13 Never push or drag it.

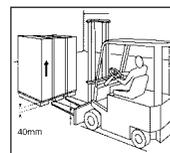
14 Make sure that the cabinet is connected to a mains electrical supply complete with an earth connection.

INFORMATION FOR THE CORRECT USE OF THE MACHINE

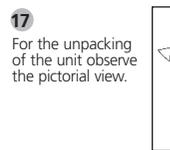
The Icemaker must be connected to a POTABLE WATER SUPPLY. Ice Storage Bin is for the storage of ice only. DO NOT store/chill cans or bottles. The manufacturer cannot be held responsible for improper use of the machine, as specified on this User Manual.

transport

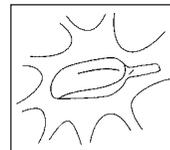
15 As transport protection the ice maker is packed in a heavy cardboard crate.



16 For moving the packed unit to site use a fork lift with forks no thicker than 40mm.



17 For the unpacking of the unit observe the pictorial view.

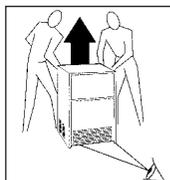


18 Make sure that the ice scoop and leg package are inside the ice storage bin. Make sure water and drain pipes are also inside the ice storage bin.

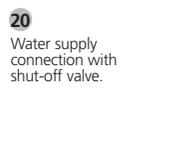
location

A minimum clearance of 15cm (6 in) must be left at the sides of the machine for routing cooling air drawn into and exhausted out of the compartment to maintain a proper condensing operation.

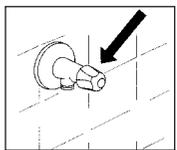
Position the ice maker in its final location and make sure that there is everything for its installation, namely:



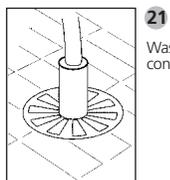
19 Power supply disconnect switch



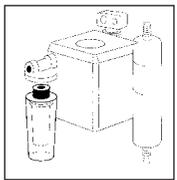
20 Water supply connection with shut-off valve.



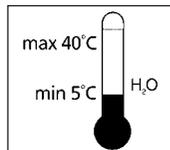
21 Waste drain water connection.



22 **Attention** Make sure that water available is connected to a cold drinking water supply. If in doubt consult the installer for the possible installation of a water filter or water conditioner.

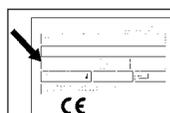
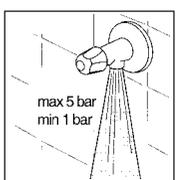


To gain full advantage from this unit in terms of performance and durability also make sure that:

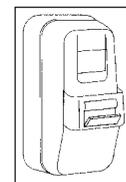


23 Minimum water temperature is not lower than +5°C and maximum water temperature does not exceed +40°C.

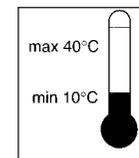
24 Minimum water pressure is not below 1 bar and maximum water pressure does not exceed 5 bar.



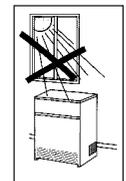
25 The electrical supply available corresponds to machine specifications as indicated on the unit nameplate.



26 The electrical isolator switch must be fitted with the correct fuse rating with a minimum clearance of 3mm between open contacts.



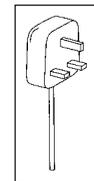
27 The minimum ambient temperature should not be lower than +10°C and the maximum ambient temperature higher than +40°C



28 There are no heat sources (kitchen ovens, grills) near the machine and the environment is not too humid. Please ensure there is a minimum space of 150mm from walls to allow enough air circulation.

how the installation is made

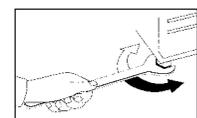
Important The machine installation has to be performed by Authorised Service Personnel



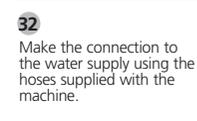
29 Connect the power lead to a suitable electrical supply



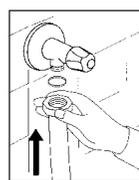
30 Check machine is level.



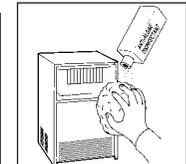
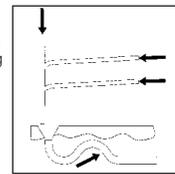
31 The level can be corrected by means of the levelling feet.



32 Make the connection to the water supply using the hoses supplied with the machine.

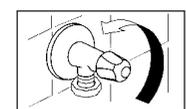


33 Water drain is connected and set-up properly using spiralled hose which should have a minimum fall of 3cm per metre.

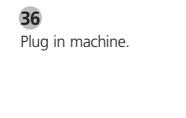


34 It is recommended that the interior of the storage bin is cleaned with an appropriate mild disinfectant solution.

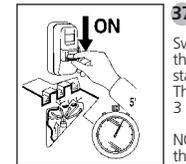
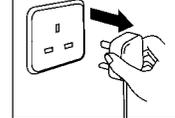
start up



35 Open water shut-off valve.



36 Plug in machine.



37 Switch the main switch to the ON position. At this stage the unit will start up. The unit is equipped with a 3 minute time delay.

NOTE: The sound level of the unit in operation should be lower than 70db (A).



38 The Authorised Service Agent will complete an inspection of the unit interior. The first pieces of flake ice will drop into the storage bin within approximately 3 minutes from start-up. The first batch of ice will be of poor quality but subsequent batches will be good quality.