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KEEP THIS MANUAL FOR FUTURE REFERENCE!**© 2008 Fri-Jado BV, Etten-Leur, The Netherlands**

For the duration and the conditions of the guarantee we suggest you contact your supplier. You are also referred to our general sales and delivery conditions that are available on request.

All liability for loss or injury resulting from the failure to follow these instructions or due to a failure to take the normal precautionary measures or due to carelessness in actions, operation, maintenance or repair work if not specifically described in this manual is rejected by the manufacturer.

Because of our constant efforts to improve our product it can occur that the details of your unit may differ from what is described in this manual. For this reason these instructions serve only as a general guide for the installation, use, maintenance and repair of the unit mentioned in this manual.

This manual was prepared with all due care, but the manufacturer cannot assume responsibility for any possible errors in this manual or the consequences thereof.

Users are permitted to copy this manual for their own use.

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FOREWORD

General

This manual is meant for the user of the Fri-jado HTT 60. The options and the operation are described, with references also being made to the safest and most efficient possible use of the unit over a long period of time.

Pictograms and symbols

In this **manual** the following pictograms and symbols will be used:



Suggestions and recommendations to simplify carrying out tasks and actions.



WARNING!

Possible physical injury or serious damage to the unit if the instructions are not carefully followed.



WARNING!

Denotes risk of electric shock.



WARNING!

Danger of surfaces with a high temperature.



Recycling symbol.

The following pictograms appear on the **unit**:



WARNING!

Danger of surfaces with a high temperature.



WARNING!

Denotes risk of electric shock.

Service and technical support

The electrical diagram applicable to your unit can be seen in the space in which the electrical components are located.

In case of malfunctions contact your supplier/service agency. Be sure you have the following data on hand:

- model
- serial number

The identification plate contains this data.

IDENTIFICATION OF THE UNIT

The identification plate is located on the operator side and contains the following data:

- name of the supplier or the manufacturer
- model
- serial number
- year of construction
- mains voltage
- frequency
- capacity and/or
- rated voltage

SAFETY GUIDELINES AND WARNINGS OF DANGER

General

The manufacturer accepts no liability whatsoever for loss or injury caused by the failure to (strictly) adhere to the safety guidelines and instructions in this manual, or due to carelessness during installation, use, maintenance and repair of the unit referred to in this manual and the possible associated accessories.

The user of the unit is at all times fully responsible for the fulfilment of the locally applicable safety regulations and guidelines.

Instruction manual

- Anyone who works on or with this unit must be aware of the contents of this manual and must carefully follow all guidelines and instructions.
- The management must instruct the personnel on the basis of this manual and must follow all instructions and regulations.
- Never change the order of the steps to perform.
- Always keep the manual with the unit.

Pictograms and warnings on the unit

- The pictograms, warnings, and instructions attached to the unit are part of the safety features. They must not be covered or removed and must be present and legible during the entire life of the product.
- Immediately replace or repair damaged or illegible pictograms, warnings and instructions.

Users

The use of this unit is exclusively reserved to well authorised, trained and qualified users.

Use according to purpose ^{*1}



WARNING!

- The display-warmer was designed solely to keep pastry products warm and to display them.

Every other use shall be considered to be outside the realm of purpose. With regard to loss or injury that may be the consequence hereof the manufacture accepts no liability whatsoever. The unit was built in accordance with European Guidelines and standards as specified in the CE statement delivered along with your unit. Use the unit solely in technically perfect condition, as per the above described purpose.

^{*1} To ensure its proper functioning, the unit must be used solely in accordance with its purposes as stated in EN 292-1. "Intended use" as meant in this standard, is the use for which this technical piece of equipment - in accordance with the technical specifications of the manufacturer inclusive of the directions in the sales brochure - is suited. In case of doubt it is the use which can be deducted from the construction, the model and the function of the technical product which is considered normal use. Operating the unit within the limits of its intended use also involves observing the instructions in the user manual.

Technical specifications

- The specifications in this manual must not be changed.

Modifications

- In case of unauthorised modifications in or on the unit every liability on the part of the manufacturer becomes null and void.

Use



WARNING!

The inside of the unit is hot after preheating and during use. Avoid direct manual contact with hot surfaces when loading products.



WARNING!

It is essential that products are placed in the unit immediately after preparation. At that moment, the core temperature of the products should be at least 85 °C

The unit is capable of maintaining a core temperature of 61 °C for four hours.



WARNING!

The doors at the back of the unit should remain closed when products are on display. When either replenishing or taking out product, the doors must be opened for as short a time as possible.

- The equipment is only suitable for in-house use.



WARNING!

Take the plug out before moving the unit.

- To ensure its continued proper functioning clean the unit regularly.

Loading

- Only place products that have a core temperature of at least 85 °C.
- To ensure good contact with the heated trays, only place a single layer of products.

Hygiene

The quality of a fresh product is always partially dependent on hygienic conditions. This is especially true for grill products. Due to the possibility of transferring salmonella bacteria, you should ensure that already grilled products, especially chicken and turkey products do not come into contact with raw products. Contact between grilled products and hands or tools that come into contact with raw chicken or turkey meat should also be avoided at all times. If hands and/or tools have come into contact with raw chicken or turkey meat, the hands and tools should be cleaned thoroughly.

Service, maintenance and repairs (if necessary)



This manual clearly makes a distinction between service maintenance and repair jobs which have to be carried out by the user and those which have to be exclusively carried out by well trained and authorised service engineers.



WARNING!

In the interest of hygiene and the optimal condition of the unit it is important that from the very beginning a set daily pattern be followed with regard to cleaning the unit.

- Adhere to the maintenance intervals specified in chapter 5.



WARNING!

In relation to the danger of short circuits the unit must not be cleaned using a water hose.

- Respect the instructions given in chapter 6 regarding what to do in case of malfunction.

MATERIALS USED AND THE ENVIRONMENT

Packaging material



All packaging materials used by Fri-jado are recyclable:

- untreated wood
 - cardboard
 - polyethylene foil
 - styropor
 - polypropylene tape
- Do not dispose of these materials along with normal wastes but enquire at the sanitary service of your municipality how to dispose of it.

1 INTRODUCTION

1.1 Description of the process

Heated trays and hot ambient air keep the products hot. Lighting is by TL-lights.

1.2 Description of the unit

The panels are made of stainless steel and aluminium. The glass of the back doors and the side glass is tempered. The front doors and protection over the slide are made of polycarbonate. Two removable trays are placed over heated plates, of which the temperature is switched on and regulated by a thermostat with a zero-position. The lighting is switched on with the switch. Product photographs may be inserted in the display/slideholder.

2 UNPACKING/INSTALLATION

2.1 Unpacking

- Remove the foil from all metal parts.
- Remove all packaging materials from the unit.
- Inspect the unit for damage.
- Make sure that all parts that belong to the model you have ordered are present.
- Read the manual before proceeding.

If any parts are missing or damaged, contact your supplier.

2.2 Installation

- Set the unit up so that the customer has an unlimited view of the products.
- Be sure that the personnel have sufficient room to work with the unit.

- Keep in mind the unit's accessibility in case any maintenance and service work needs to be done.
- Be sure that the ambient temperature does not drop below 20 °C or exceed 30 °C and that the air humidity remains between 60 and 90 %.
- Insert a slide.

2.3 Placing the slide

- Allow the unit to cool down.
- Remove both nuts on the inside, next to the slide display opening.
- Slide the polycarbonate plates upwards, taking them out of the bottom profile.
- Apply the slide between the two plates.
- Assemble in reverse order.



Do not fasten the nuts fully, to allow movement of the plates during expanding.



WARNING!

The unit has a CEE*-standard plug (*for UK: BS 1363 A). An authorised installer must install the wall outlet. See chapter 7 for the necessary electrical installation.



If the unit is to be out of use temporarily and you wish to store it:

- Clean it thoroughly.
- Pack it dustfree.
- Store it in a dry place to prevent it from deteriorating in quality.

3 FIRST USE

- Before starting to use the unit clean the inside thoroughly with detergent and water.
- After cleaning it wipe it with a cloth moistened with clean water to remove detergent residual, then dry the entire unit.

4 OPERATION

The instructions for operation are described in the following paragraphs.

4.1 Switch on

- Put the plug in the outlet.
- Set the thermostat to the maximum.
- Preheat the unit for 40 minutes.
- Switch on the lighting.
- Place the products in the unit.
- Set the thermostat to the desired value.

Temperature setting	Temperature (°C)
1	approx. 30
2	approx. 35
3	approx. 40
4	approx. 50
5	approx. 60
6	approx. 80
max	approx. 95

4.2 Checking the product temperature

- Once every hour, the product temperature should be checked using a digital thermometer. Write down the measured values in a log.
- Always use a disinfected thermometer sensor.

4.3 Switch off

- Switch off the lighting.
- Set the thermostat to "0".

5 MAINTENANCE

5.1 Daily maintenance



WARNING!

Always take the following measures to prevent electric shock!

- Switch off the lighting.
- Switch off the heat.
- Remove the plug from the outlet.

- Do not use steel wool. This can cause scratches in which dirt can get stuck.



WARNING!

Do not use oven cleaning agent or other aggressive means on polycarbonate as this may damage the surface.

- Remove all products from the unit.
- Allow the unit to cool down to approx. 50 °C.

Inside

Clean the inside of the unit with hot water and a suitable cleanser. After cleaning wipe the inside with a clean wet cloth. Be sure that the detergent is removed properly.



The trays can be taken out.

Outside

Clean the outside of the unit with a small amount of hot water and a mild cleanser and using a soft brush or sponge. After cleaning it dry the outside with a cloth.

- Treat all cleaned surfaces with a suitable antibacterial agent.
- Rub dry with a soft cloth or a paper towel.


WARNING!

Moisture in the electrical compartment can cause short circuits. The unit must never be cleaned using a water hose.

5.2 Weekly maintenance

- Inspect the electrical cord for damage.


WARNING!

Contact your supplier/service agency immediately when the electric cable is damaged. Immediate replacement is necessary because of possible danger.


WARNING!

Do the following for one side at a time:

- Remove the screws from the side glass.
- Carefully slide the glass towards the front of the unit.
- Take the side glass from the channels.
- Remove all debris from the channels and clean using a mild detergent degreaser.
- Wash with a cloth and hot water.
- Treat all surfaces with a suitable antibacterial agent.
- Clean the side glass.
- Rub dry with a soft cloth or a paper towel.
- Mount the side glass.

6 FAULTS AND SERVICE/ WHAT TO DO

Before you consult your dealer or the service agency when there is a fault, you can check the following points yourself:

Fault: the unit does not work

- Is the plug in the outlet?
- Is the power supply OK?
Check the fuses and the earth leakage switch in the meter cupboard.
- Are all the switches in the correct position?

In case of one of the below faults, remove the plug from the outlet and contact your supplier/service agency.

- One of the trays does not heat up.
- The temperature rises too much.

You can correct the below fault yourself:


WARNING!

Always take the following steps in order to prevent danger of electrical shock:

- Switch off the lighting.
- Switch off the heat.
- Remove the plug from the outlet.

- Let the unit cool off for at least one half-hour.

Replacing a lamp

- Rotate the lamp 90 degrees and slide from the lamp holders.


WARNING!

De TL-Lamps are finished with a special coating that prevents contacts with glass shards and electrical components following breakage.

Replace damaged lamps immediately with **the same type** of coated lamps.

