

MASTRO[®] Service



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ELECTRIC FRY-TOPS

65/40 FTE	70/40 FTE	70/40 FTE-T	90/40 FTE	90/40 FTET	110/50 FTE
65/40 FTRE	70/40 FTRE	70/40 FTRE-T	90/40 FTRE	90/40 FTRET	110/50 FTRE
65/40 FTES	70/40 FTES	70/40 FTES-T	90/40 FTE-CR	90/40 FTE-CRT	110/50 FTE-CR
65/40 FTE-CR	70/40 FTE-CR	70/40 FTE-CR-T	90/40 FTRE-CR	90/40 FTRE-CRT	110/50 FTRE-CR
65/40 FTRE-CR	70/40 FTRE-CR	70/40 FTRE-CR-T	90/80 FTE	90/80 FTET	110/90 FTE
65/70 FTE	70/70 FTE	70/70 FTE-T	90/80 FTRE	90/80 FTRET	110/90 FTRE
65/70 FTRE	70/70 FTRE	70/70 FTRE-T	90/80 FTRRE	90/80 FTRRET	110/90 FTRRE
65/70 FTRRE	70/70 FTRRE	70/70 FTRRE-T	90/80 FTE-CR	90/80 FTE-CRT	110/90 FTE-CR
65/70 FTES	70/70 FTES	70/70 FTES-T	90/80 FTRE-CR	90/80 FTRE-CRT	110/90 FTRE-CR
65/70 FTE-CR	70/70 FTE-CR	70/70 FTE-CR-T	90/80 FTRRE-CR	90/80 FTRRE-CRT	110/90 FTRRE-CR
65/70 FTRE-CR	70/70 FTRE-CR	70/70 FTRE-CR-T			
65/70 FTRRE-CR	70/70 FTRRE-CR	70/70 FTRRE-CR-T			

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INSTALLATION INSTRUCTIONS

1. CONFORMITY WITH EEC DIRECTIVES

REMARK: The electric fry tops are made in compliance with the basic requirements envisaged by EEC directives, in accordance with “EEC Directive 73/23 on low voltage”, “EEC Directive 89/336 on electromagnetic compatibility” and are marked “CE” according to the EEC Directive 93/68.

1.3 ELECTRICAL SPECIFICATIONS:

Model	65/40 FTE 65/40 FTRE	65/70 FTE 65/70 FTRE 65/70 FTES	65/40 FTE-CR 65/40 FTRE-CR 65/40 FTES	65/70FTE-CR 65/70 FTRE-CR 65/70 FTRRE 65/70 FTRRE-CR
Rated voltage	400V – 3N~			
Total power kW	4,5	9	4,5	9
Power cable	H05RN-F	H05RN-F	H05RN-F	H05RN-F
Cross section	5 x 1,0 mm ²	5 x 1,5 mm ²	5 x 1,0 mm ²	5 x 1,5 mm ²
Dimensions mm				
Width	400	700	400	700
Depth	650	650	650	650
Height	280 (400)	280 (400)	280 (400)	280 (400)

The data plate shows all the necessary data for the installation and can be found on the rear of the left-hand side panel.

Model	90/40 FTE 90/40 FTRE	90/40 FTE-CR 90/40 FTRE-CR 90/40 FTE –CR T 90/40FTRE–CR T	90/80 FTE 90/80 FTRE 90/80FTRRE	90/80 FTE-CR 90/80FTRE-CR 90/80FTRRE-CR
Rated voltage	400V – 3N~			
Total power kW	6,6	6,6	13,2	13,2
Power cable	H05RN-F	H05RN-F	H05RN-F	H05RN-F
Cross section	5 x 1,5 mm ²	5 x 1,5 mm ²	5 x 2,5 mm ²	5 x 2,5 mm ²
Dimensions mm				
Width	400	400	800	800
Depth	900	900	900	900
Height	850 (1000)	850 (1000)	850 (1000)	850 (1000)

The data plate shows all necessary data for installation and can be found on the terminal block cover, inside the compartment.

Model	70/40 FTE 70/40 FTRE 70/40 FTES	70/70 FTE 70/70 FTRE 70/70 FTRRE 70/70 FTES	70/40 FTE-CR 70/40 FTRE-CR	70/70 FTE-CR 70/70 FTRE-CR 70/70 FTRRE-CR
Rated voltage	400V – 3N~			
Total power kW	4,5	9	4,5	9
Power cable	H05RN-F	H05RN-F	H05RN-F	H05RN-F
Cross section	5 x 1,0 mm ²	5 x 1,5 mm ²	5 x 1,0 mm ²	5 x 1,5 mm ²
Dimensions mm Width Depth Height	400 700 850 (950)	700 700 850 (950)	400 700 850 (950)	700 700 850 (950)

The data plate shows all necessary data for installation and can be found on the terminal block cover, inside the compartment.

Model	70/40 FTE-T 70/40 FTRE-T 70/40 FTES-T	70/70 FTE-T 70/70 FTRE-T 70/70 FTRRE-T 70/70 FTES-T	70/40 FTE-CR-T 70/40 FTRE-CR-T	70/70 FTE-CR-T 70/70 FTRE-CR-T 70/70 FTRRE-CR-T
Rated voltage	400V – 3N~			
Total power kW	4,5	9	4,5	9
Power cable	H05RN-F	H05RN-F	H05RN-F	H05RN-F
Cross section	5 x 1,0 mm ²	5 x 1,5 mm ²	5 x 1,0 mm ²	5 x 1,5 mm ²
Dimensions mm Width Depth Height	400 700 280 (430)	700 700 280 (43)	400 700 280 (430)	700 700 280 (430)

The data plate contains all necessary information with installation and it is located on the left side of the unit,near the terminal block .

Model	90/40 FTET 90/40 FTRET	90/40 FTE-CR 90/40 FTRE-CR	90/80 FTET 90/80 FTRET 90/80FTRRET	90/80 FTE-CRT 90/80FTRE-CRT 90/80FTRRE-CRT
Rated voltage	400V – 3N~			
Total power kW	6,6	6,6	13,2	13,2
Power cable	H05RN-F	H05RN-F	H05RN-F	H05RN-F
Cross section	5 x 1,5 mm ²	5 x 1,5 mm ²	5 x 2,5 mm ²	5 x 2,5 mm ²
Dimensions mm Width Depth Height	400 900 300 (450)	400 400 300 (450)	800 900 300 (450)	800 900 300 (450)

The data plate shows all the necessary data for the installation and can be found on the rear of the left-hand side panel.

Model	110/50 FTE 110/50 FTRE	110/50 FTE-CR 110/50 FTRE-CR	110/90 FTE 110/90 FTRE 110/90 FTRRE	110/90 FTE-CR 110/90 FTRE-CR 110/90 FTRRE-CR
Rated voltage	400V – 3N~			
Total power kW	6,6	6,6	13,2	13,2
Power cable	H05RN-F	H05RN-F	H05RN-F	H05RN-F
Cross section	5 x 1,5 mm ²	5 x 1,5 mm ²	5 x 2,5 mm ²	5 x 2,5 mm ²
Dimensions mm Width Depth Height	500 1100 850	500 1100 850	900 1100 850	900 1100 850

The data plate shows all necessary data for installation and can be found on the terminal block cover, inside the compartment.

2. PRELIMINARY INSTALLATION INSTRUCTIONS

The fry-top must be positioned in a well-aired room, if possible under a hood to remove cooking steam thoroughly.

Before starting the appliance, remove all protective film; thoroughly clean the surfaces with a soft cloth, lukewarm water and detergent, so as to remove all anti-rust products applied during the manufacturing stage, then dry with a clean cloth.

If the appliance is installed near walls, partition walls, kitchen furniture, decorative panelling, etc., these should be constructed with fireproof materials or a space of at least 100 mm should be left free.

Make sure that fire prevention rules are strictly respected.

The appliances can be positioned - according to the models - as top or ground appliances, or linked together with others of the series.

The main switch and the socket must be near the appliance and easily accessible.

Using the levelling feet lay the appliance flat, adjust the height and ensure its stability.

2.1 Regulations, technical rules and general specifications

Comply with the following rules during assembly:

- 1) accident prevention rules;
- 2) rules in force in the country where the appliance is installed;
- 3) carefully read this booklet as it contains important instructions about installation safety, use and maintenance;
- 4) keep this booklet for further reference.

2.2 Installation

Installation, setting up and maintenance must be carried out by qualified personnel only.

Installation must be carried out in accordance with the rules in force in the country where the appliance is installed.

The manufacturer declines all responsibility for incorrect functioning resulting from defective installation, tampering, improper use, bad maintenance, non-observance of the local rules and use by unskilled persons.

INSTALLATION INSTRUCTIONS

APPLIANCE WITH WEIGHT GREATER THAN 40 Kg

BEFORE POSITIONING THE APPLIANCE CONNECT THE POWER CABLE TO THE
TERMINAL BLOCK.

ATTENTION!: For the 40-module as ground appliance

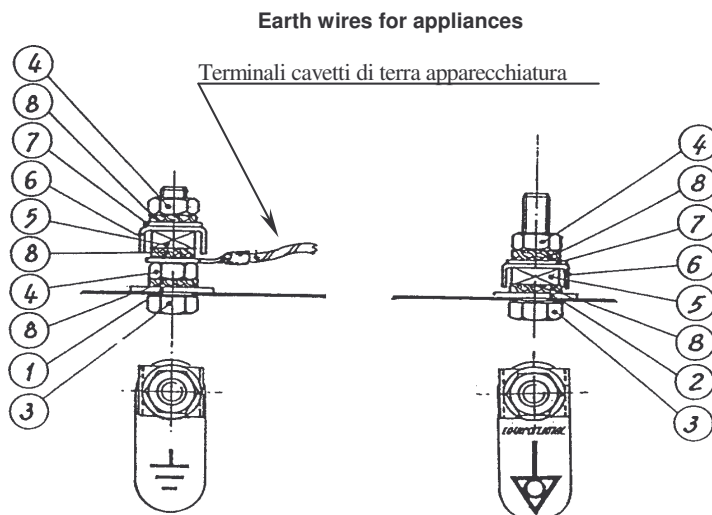
These appliances can be installed as single units. In this case they need to be fixed to the ground. Please follow the instructions in the relative drawing.

2.2.1 Electrical connection

- 1) The electric fry tops are designed to operate off 400 VAC+3N voltage.
 - 2) The connection to the mains must be carried out through a suitably rated trip switch which has at least 3 mm between the contacts. Moreover, the mains voltage - when the appliance is working - must not exceed $\pm 10\%$ of the voltage value.
 - 3) The power cable to connect the appliance to the mains must be at least equal to the H05RN-F rubber insulated type, with cross section suitable to the max. power consumption; therefore, its lowest cross section must comply to the data stated in the electrical specifications table for each type of appliance.
 - 4) On top appliances the cable inlet and the terminal block are on the rear side. To carry out the connection, unscrew and remove the protective cover.
To gain access to the terminal block on ground appliances with a cabinet underneath the protective cover of the terminal block on the inner left-hand side of the cabinet has to be removed; to carry out the connection, insert the cable through the inlet gland and the cable-clamp and connect the wires to the relative binding posts.
 - 5) The appliance must be provided with an efficient earth connection.
For this purpose, near the terminal block there is a binding post marked with the symbol $\equiv$ to which the earth wire (yellow-green) must to be connected.
The above-mentioned cable must be long enough so that – if the cable clamp loosens - it can be stressed only after the feed wires have been disconnected .
- NB:** Earthing must be carried out according to the local standards and regulations in force.

2.2.1.1 Equipotential connection

When interconnecting multiple appliances together, the electric fry top must be included in an equipotential system, whose efficiency has to be checked according to the rules in force. The connection is on the rear panel in top appliances, and on the left-hand side of the bottom frame in ground appliances, marked with "EQUIPOTENTIAL".



NB: The manufacturer declines all responsibility for damage resulting from non-compliance with accident prevention rules as described above.

USERS' OPERATING INSTRUCTIONS

3. PUTTING INTO OPERATION

Fry tops are appliances designed for cooking food and should be exclusively used by trained personnel following these operating instructions. Any other use of the appliance is to be considered improper and therefore dangerous.

You are advised to clean carefully the griddle plates before using them for the first time. Put the appliance into operation according to the instructions for use and leave it on without cooking food for at least 15 minutes.

3.1 OPERATING INSTRUCTIONS

CAUTION: the appliance should only be used under the operator's surveillance!!!

SWITCHING ON

Switch on the main switch.

The 60 cm wide units are provided with two independently controlled and operated frying areas.

Turn the knob scaled from "0" to 300°C, both indicator lamps will light up. The green pilot lamp indicates that the appliance is on, the yellow pilot lamp indicates that the heating elements are functioning and, when it switches off, that the desired temperature has been reached.

To switch off the appliance turn the knob to position "0".

SPECIAL NOTES

Allow the plates to cool and then clean them. Remove the residual food products using a scraper or a damp cloth. This will avoid the formation of smoke when the plate is hot.

INSTRUCTION FOR CLEANING THE CHROME-PLATED FRY TOP

To clean the chrome-plated fry top never use a metal scraper or blades which could scratch the cooking surface and jeopardize the reliability of the plate.

Therefore clean the cooking plate often with a damp cloth and soapy water.

To remove possible food incrustations, use a plastic knife (when the plate is cold).

If detergents are used, they must not contain chlorine or abrasive materials.

Then rinse all the chrome-plated parts of the fry top (plate – grease channel and grease drawer), then dry thoroughly.

4 MAINTENANCE, CLEANING AND CARE

Before carrying out any cleaning operations disconnect the power at the mains.

It is recommended that the installation be checked by an authorised technician at least twice a year.

For the daily cleaning of the appliance, remove the grease drawer, empty it, remove with a stripping knife or with a damp cloth the residual food and clean it carefully.

The steel parts must be cleaned using a smooth cloth, water and common detergents. The detergents must not contain corrosive or abrasive substances as they could damage the steel surface. After cleaning rinse well and dry thoroughly.

The frequent and careful cleaning of the plates, grease channels and grease drawers will ensure correct operation of the appliance.

Before a long period of inactivity:

Disconnect the power at the mains. Clean the appliance thoroughly and dry well according to the user instructions. Oil the plates with cooking oil.

In case of failure: turn off the appliance and contact the after sales service.

ATTENTION:

Do not wash the appliance with direct water jets or with a high-pressure cleaner, as possible infiltration to the electrical parts could jeopardize the regular operation of the appliance and of the safety devices.