








INSTALLATION, USE AND MAINTENANCE

Electric Chip Scuttle Series 700

286628

**TYPENSCHILD \ PLAQUES DES CARACTERISTIQUES
TECHNIQUES \ DATA PLATE**

		Bartscher GmbH Franz-Kleine-Straße 28 33154 Salzkotten													
Production year: 04/2019 Designed: 2018															
MOD.	K7ECU10VV 286104		4 015613 484310												
SN.	19047ECU10VV018														
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GENERAL WARNINGS

- *Read the instructions carefully before installation, use and maintenance of the appliance.*
- *The installation has to be performed by qualified personnel following the manufacturer's instructions given in the provided manual.*
- *The appliance is only suitable for the preparation and cooking of food in industrial kitchens such as those used in restaurants, hospitals, company canteens, cooking centres, butcher's shops and food production firms. Any other type of use is not in accordance with the intended purpose and could place people and/or objects at risk.*
- *The appliance should only be used by trained personnel and for the use for which it was designed.*
- *Due to the nature of the appliance, the temperatures required for cooking may cause various areas of the panelling, as well as kitchenware, to become hot. This is not a construction defect, but a physical phenomenon caused by the chemical and physical properties of the materials used for the construction of the appliances.*
- *In the event of breakdown or malfunction, switch off the appliance and seek help exclusively from an authorized technical assistance service.*
- *Only use genuine spare parts; otherwise no liability is assumed by the manufacturer.*
- *The appliance must not be washed with high pressure water sprays and the vents or inlets/outlets for air, fumes and heat must not be obstructed.*
- *Children should be supervised to ensure they do not play with the appliance.*
- *Before connecting the device make sure that the plate specifications correspond to the electrical supply.*
- *When not in use, make sure the appliance is disconnected from the electric mains.*

ATTENTION! The manufacturer declines any liability for damage caused by wrong installation, tampering, making unauthorized changes, improper use, poor maintenance, installation of non-original spare parts, not observing local norms, incorrect use or not observing the instructions in this booklet.

For the installer

- *The functioning of the appliance has to be explained and shown to the user. After ensuring that everything is clear, the instruction booklet has to be handed over to the user.*

TECHNICAL FEATURES

The DATA PLATE showing all the appliance information is to be found inside the right or left side of the control panel, depending on the model.

The appliances have been checked in accordance with the European directives down below:

2014/35/UE	- Low Tension (LVD)
2014/30/UE	- Electromagnetic Compatibility (EMC)
2016/426/UE	- Gas Appliances (GAR)
2006/42/EC	- Machinery directive
2011/65/CE	- Rohs

And the particular reference norms.

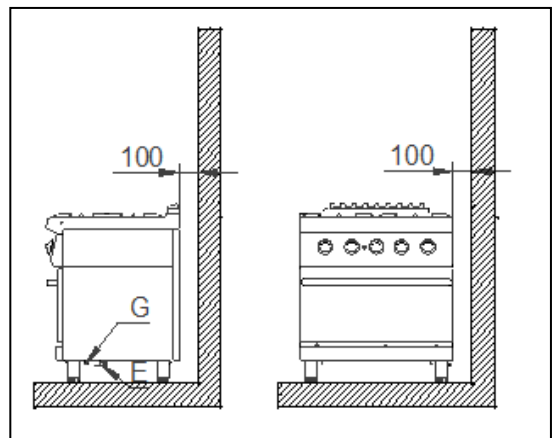
Declaration of compliance

The manufacturer declares that the appliances of their production meet the above mentioned EEC directives and requires that installation be done observing the norms in force, particularly regarding the system for letting out fumes and air exchange.

PROVISIONS FOR INSTALLATION

Place

It is advisable to install the appliance in a well-ventilated room or under an extractor hood. The appliance may be installed as a single unit or together with others. In both cases, if it is installed near a wall of inflammable material, a minimum distance according the series (see figure) from the side and back walls must be observed. In the event that it is not possible to observe this distance, protective measures must be taken (e.g. use of sheets of refractory material) which ensure that the temperature of the walls is within the established safety limits.



Norms and provisions

Installation operations, gas or voltage conversions to other than the original, starting up the installation or appliance, ventilation, letting out fumes, and maintenance have to be done by qualified personnel following the manufacturer's instructions, observing the norms in force and in compliance with the following provisions (**GB**):

- Gas Safety (Installation and Use) Regulations, 1984
- Health and Safety at Work Act, 1974
- Codes of Practice, BS6173, 1982
- The Building Regulations, 1985
- The Building Standards Regulations, 1981

For others countries follow the relevant local rules for:

- Gas board rules
- Building regulations and local fire prevention provisions
- Safety norms in force
- Provisions of the Gas supplying company
- The Electrical Norms in force
- The Fire Brigade rules.

INSTALLATION

Preliminary operations

Remove the appliance from the packaging, ensure that it is intact and, if in doubt, do not use it but contact professionally qualified personnel. The packaging materials are compliant with environmental safety regulations. They can be stored without risk, or else should be disposed of in accordance with current national regulations, particularly those regarding the nylon bag and the polystyrene.

After verifying that the appliance is in good conditions, the protective film may be removed. Clean the external parts of the appliance carefully with warm water and detergent, using a cloth to remove all remaining residues and then dry it with a soft cloth. If there are still traces of glue, these can be removed using a suitable solvent (e.g. acetone). Under no circumstances should abrasive substances be used. After the installation the appliance should be levelled by lowering or raising the adjustable legs.

Electric connection

Before connecting the appliance, it is necessary to check that the voltage of the available power supply corresponds to the voltage the appliance has been set for. If they do not correspond, it is necessary to modify the connection as shown in the electric diagram, if voltage change is provided for. The junction box is situated behind the control panel of the top and it is made accessible by unscrewing the screws that fix the panel, removing it and taking out the junction box.

Furthermore, it is necessary to check that the earthing wire is efficient, that the earth conductor on the connecting side is longer than the other conductors, that the connecting cable has a wire bunch adequate for the power absorbed by the appliance, and that the connecting cable is at least type H07 RN-F. It is necessary to run the cable first through the cable gland. ***If the supply cord is damaged, it must be replaced by the manufacturer service agent or similarly qualified persons in order to avoid a hazard. As in international provisions, before setting up the appliance a unipolar device has to be installed with a contact opening of at least 3 mm that must not interrupt the YELLOW-GREEN earthing wire.*** This device has to be installed near the appliance, has to be approved, and has to have adequate capacity for the absorption of the appliance (see table TECHNICAL FEATURES).

The appliance has to be connected to the EQUIPOTENTIAL system. The connector is situated near the end of the electric cable and it is identified by a label with the symbol shown.



While using a safety thermostat for breakdown tensions, it is necessary to note what follows:

- According to the normative law in force, the leakage of electric power for this kind of appliances can have a value of 1 mA without limitations for the maximum for each kW of installed power. Besides, it must be noted that all the switches for breakdown to be found on the market have a tolerance for the operating tension of less than the 50%; therefore, a suitable switch has to be chosen.
- Connect only a single appliance to each switch.
- In some cases, after long periods of inactivity or in case of a new installation, it is possible that the appliance switches off during the setting-up. The main reason is usually the moist produced during the isolation. The problem can be easily solved through a short pre-heating bypassing the safety thermostat.

ATTENTION! All the parts protected and sealed by manufacturer can not be regulated by the installer if not specifically indicated.


MAINTENANCE

ATTENTION! Before doing any kind of maintenance or repairs, make sure that the appliance is disconnected from the electric mains.

The following maintenance operations have to be carried out at least once a year by specialized personnel. It is advisable to have a maintenance contract.

- Check for correct functioning of all control and safety devices;
- Check the condition of the power cable;

Information for electrical and electronic devices used in EU countries

The devices, which are marked with the following symbol , may not be disposed of with household refuse in accordance with the EU directive.

To eliminate your used device, please use the country-specific differentiated collection systems available or contact your retailer, when you buy an equivalent device.

By actively using the offered collection systems, you make your contribution to the reuse, recycling and utilisation of electrical or electronic devices, protecting the atmosphere and the health.

Abusive product disposal is punishable by law in accordance with current legislation.

WHEN SUBSTITUTING, ONLY ORIGINAL SPARE PARTS SUPPLIED BY THE MANUFACTURER MUST BE USED. THE OPERATION MUST BE CARRIED OUT BY AUTHORIZED PERSONNEL.

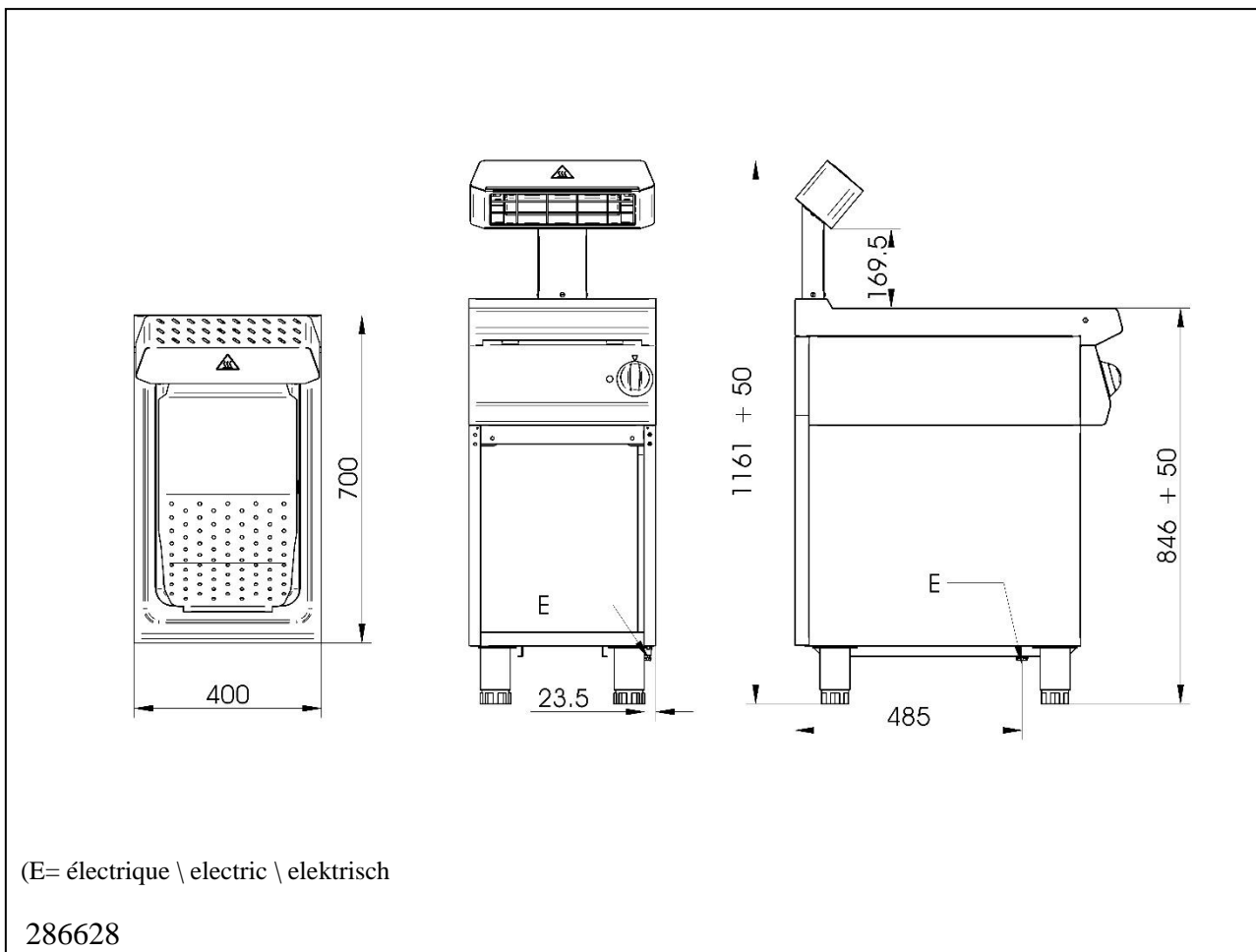
ATTENTION! In the event that components of the gas installation are substituted, it is necessary to check for tightness and the correct functioning of the various parts.

THE MANUFACTURER RESERVES THE RIGHT TO MODIFY WITHOUT NOTICE MODIFY THE FEATURES OF THE APPLIANCES DESCRIBED IN THIS MANUAL.

**CARACTERISTIQUES TECHNIQUES
 TECHNICAL FEATURES
 TECHNISCHE DATEN
 CARACTERISTICAS TECNICAS**

Modele Model Modell	Dimensions/ Masse/ Medidas [mm]	Elet. (E) [Kw]	(F) [V]	(G) [Hz]	Cable/ Kabel H07 RN-F [mm ²]
286628	400x700x845	0.8	230	50/60	3 x 1

SERIE/SERIES/SERIE 700



DESCRIPTION OF APPLIANCES

Electric chip scuttle

Sturdy structure in steel placed on four feet, which make it possible to regulate the height. The external coating is in stainless steel.

The (removable) vat is made of stainless steel and it is supplied with a properly moulded ramp, so that oil can be easily drained from the vat. Heating is obtained through a special ceramic infrared radiator activated by a power regulator, thus allowing regulating the functioning frequency of the heating element. An automatically rearmed safety thermostat ensures that the temperatures measured on the metal surfaces where the heating element is placed do not exceed the limits.

SUBSTITUTING COMPONENTS

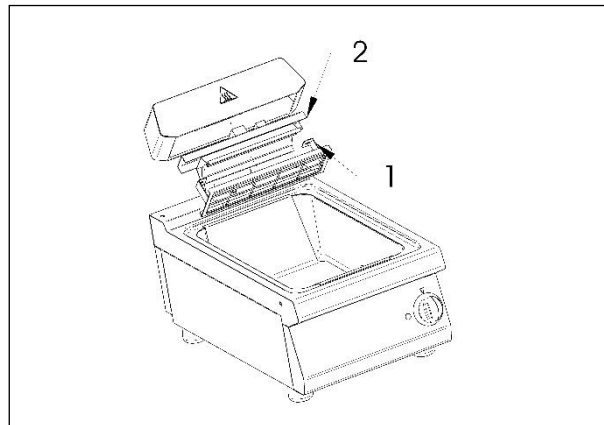
ATTENTION! Before carrying out any substitutions, make sure that the appliance is disconnected from the electric mains.

Power regulator

In order to replace the power regulator, remove the knob and the control panel. The power regulator is placed on the back of the control panel, where it is fixed thanks to 2 screws. Remove the component and replace it.

Heating elements

In order to replace the radiating heating element, remove the protection grid (1), which is fixed to the radiating head thanks to 2 nuts. Take out the heating element (2); disconnect the electric cables; remove the component and replace it. Then, connect the electric cables and handle the heating element with care, because its external coating is quite fragile.



Some problems and their possible solutions

<i>Problem</i>	<i>Possible solution</i>
No heat	<ul style="list-style-type: none"> • Check the power supply • Check the condition of the heating element • Check the energy regulator
No indicator light	<ul style="list-style-type: none"> • Check the power supply • Check the light bulb
Slow and/or insufficient heat	<ul style="list-style-type: none"> • Check the setting of the energy regulator • Check the condition of the heating elements • Check the quantity of food to be cooked

INSTRUCTIONS FOR USE

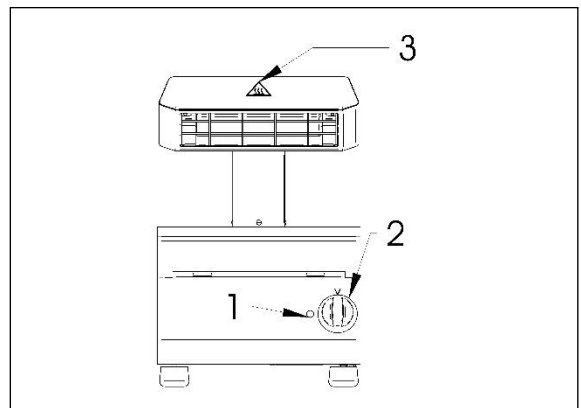
WARNINGS

- *The appliance has to be used by trained personnel only and for the intended use only, that is to say to keep fried and/or already heated food warm.*
- *ATTENTION! Never touch the infrared radiator while the appliance is working or immediately after switching it off. RISK TO GET BURNT.*

Chip scuttle

How to work the appliance:

- Turn the knob (1) of the power regulator;
- At the same time the lamp (2) will light signaling that the appliance is ON;
- According to the knob position, the heating element carries out a cycle of turn-on and turn-off, in order to keep the radiating temperature even. The larger the area to be seen on the knob, the longer the turn-on time if compared to the turn-off time. Between the limit of the maximum area and the indicator the plate always works at the maximum power available;
- To switch off the appliance turn the knob (1) to position **0**;
- The heating element is provided with an automatically rearmed safety thermostat, which is activated at a pre-set temperature, so to avoid the temperature to increase dangerously and out of control.



ATTENTION! Use the appliance only under observation. Never let the appliance be heated if it is empty.

During the appliance, normal functioning the area where the heating element (3) is placed can reach high temperatures; this area is marked with a sticker attached on the radiating head.

During the appliance normal functioning, do not touch the radiating head.

CARE AND MAINTENANCE OF THE APPLIANCE

Cleaning

ATTENTION! Before doing any cleaning, make sure that the appliance is disconnected from the electric mains and that the gas cut-off valve is closed. During cleaning operations, avoid using direct or high pressure sprays of water on the appliance. Cleaning must be done when the appliance is cold. It is recommended not to cool down hard the cooking vat; it should not undergo thermal shocks due, for example, to the use of ice or extremely cold water. Otherwise, it is likely that the bottom of cooking vat will crack.

Steel parts can be cleaned with warm water and neutral detergent, using a cloth. The detergent should be suitable for cleaning stainless steel and should not contain any abrasive or corrosive substances. Do not use ordinary steel wool or anything similar, as this can deposit rust-forming iron

particles, and avoid contact of iron objects with the stainless steel. It is also inadvisable to use sandpaper or emery paper. Pumice powder should only be used for heavily encrusted dirt; however, a synthetic abrasive sponge or stainless steel wool used in the direction of the glazed finish would be preferable. After washing, dry the appliance with a soft cloth.

When cleaning, abrasive powders of any type, chlorine-based detergents and bleach should all be avoided. Also avoid pouring cold liquids on appliances while they are hot, or cracks could form which could cause the appliance to become deformed or broken.

Stainless steel parts should not be exposed to prolonged contact with concentrated acid substances (e.g. vinegar, condiments, spice mixtures, concentrated kitchen salt...), as they can create chemical and physical conditions that damage the passivation of the steel. It is therefore advisable to remove these substances using clean water.

If the appliance is not in use for a long time, it is advisable to turn off the gas tap. Then disconnect the main electricity supply; wipe all stainless steel surfaces with a cloth soaked in Vaseline oil in order to give it a protective film; air the rooms now and again.

ATTENTION: Never use substances, detergents and other solutions containing chlorine or its by-products.

In order to remove any possible scale-marks, do not use products containing salt or sulphuric acid; suitable products are to be found in the market or, alternatively, a solution diluted in acetic acid can be used.

While cleaning the appliance, do not use inflammable liquids.

Abnormal functioning

If for any reason, the appliance does not start up or stops working during use, check that the energy supply and the control knobs are set correctly; if all is regular, call customer service.