



SERIE 650 SNACK
115.204 / 115.205
115.2183 / 115.2193

FRIGGITRICI

ISTRUZIONI PER L'INSTALLAZIONE, USO E MANUTENZIONE
Leggere subito le informazioni generali!

IT – CH

FRITTEUSEN

ANWEISUNGEN FÜR INSTALLATION, GEBRAUCH UND WARTUNG
Die Hinweise sollen sofort gelesen werden!

DE – AT – IT – BE – LU – CH

FRYERS

INSTRUCTIONS FOR INSTALLATION, OPERATION AND MAINTENANCE
Read the general informations immediately!

GB – IE – MT

FRITEUSES

INSTRUCIONS POUR INSTALLATION, EMPLOI ET ENTRETIEN
Lire tout de suite avertissements!

FR – BE – LU – CH

FREIDORAS

INSTRUCCIONES PARA INSTALACION, USO Y MANTENIMIENTO
¡En primer lugar leer las advertencias!

ES

FRITEUSE

ISTRUCTIES VOOR INSTALLATIE, GEBRUIK EN ONDERHOUD
Lees de waarschuwingen onmiddellijk!

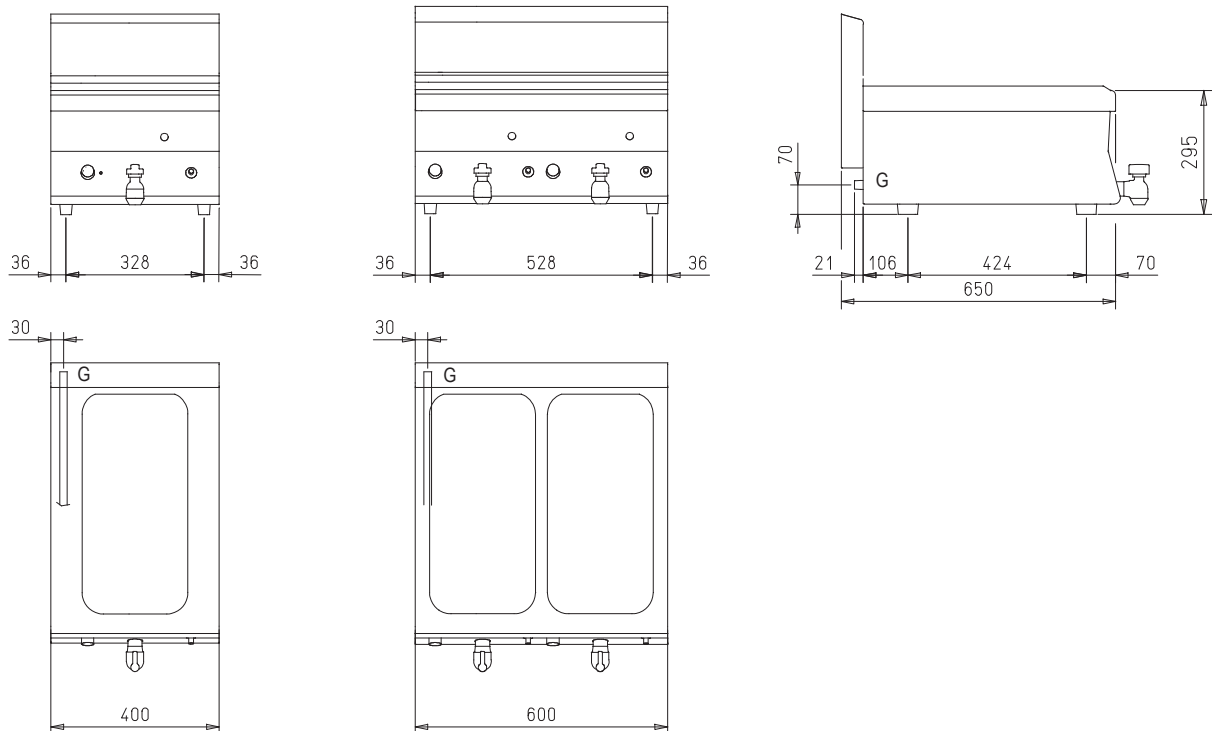
NL – BE

DOC.NO **CR0930050**
EDITION **001**

SCHEMA DI INSTALLAZIONE - INSTALLATION DIAGRAM - INSTALLATIONSPLAN - SCHÉMA D'INSTALLATION -
 ESQUEMA DE INSTALACION -INSTALLATIESCHEMA - IINSTALLATIONSRTNINGAR

MISURE IN mm - DIMENSIONS IN mm - ABMESSUNGEN IN mm
 MESURES EN mm - MEDIDAS EN mm - MATEN IN mm

F64G8	OF64G8	F66G8	OF66G8
6NFR/G400	EFG62108T	6NFR/G600	EFG63208T



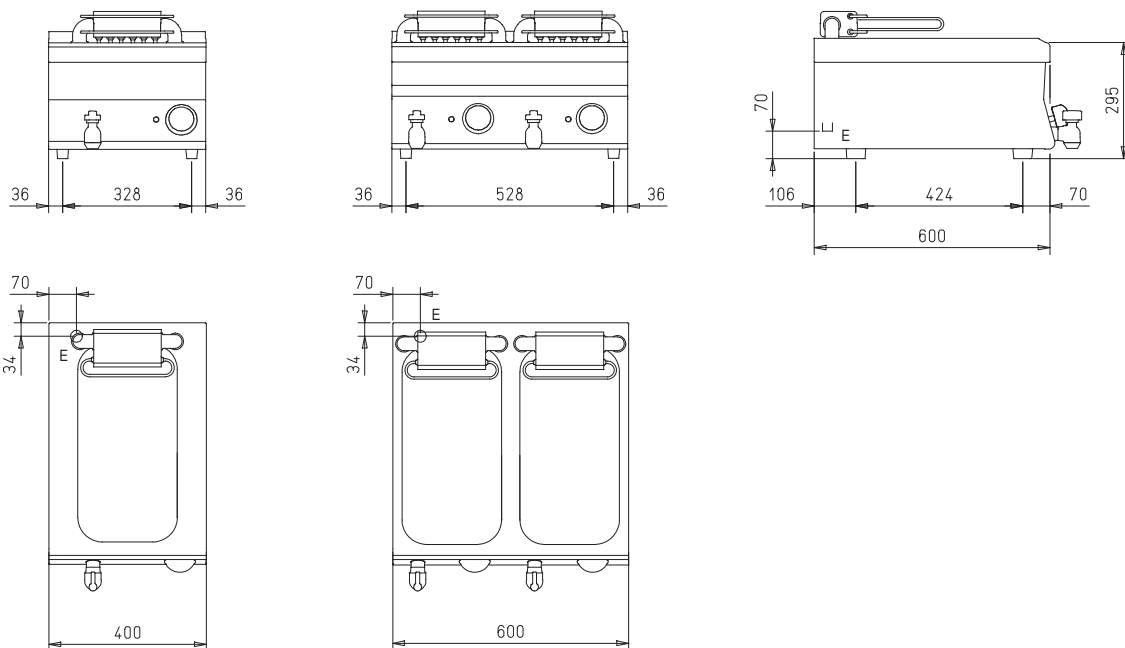
Legenda - Legende - Key - Legende - Leyenda - Legenda - Legenda

G Attacco arrivo gas - Gasanschluss - Gas connection
 Arrivée gaz - Union da gas - Gasaansluiting -
 EN 10226-1 R 1/2; EN ISO 228-1 G 1/2 (DK)

SCHEMA DI INSTALLAZIONE - INSTALLATION DIAGRAM - INSTALLATIONSPLAN - SCHÉMA D'INSTALLATION - ESQUEMA DE INSTALACION -INSTALLATIESHEMA - IINSTALLATIONSRIITNINGAR

**MISURE IN mm - DIMENSIONS IN mm - ABMESSUNGEN IN mm
MESURES EN mm - MEDIDAS EN mm - MATEN IN mm**

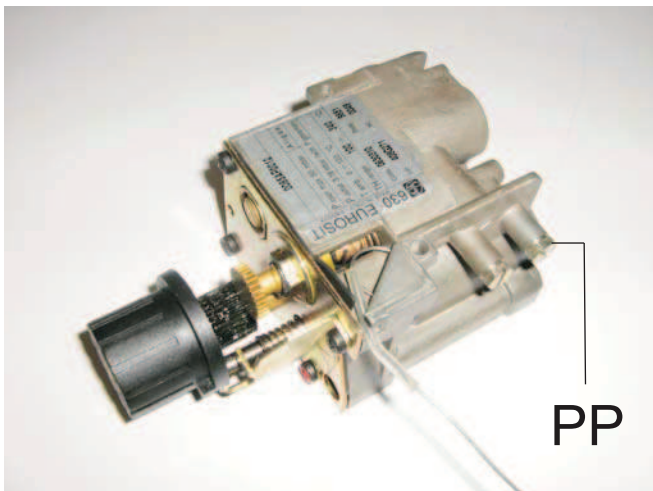
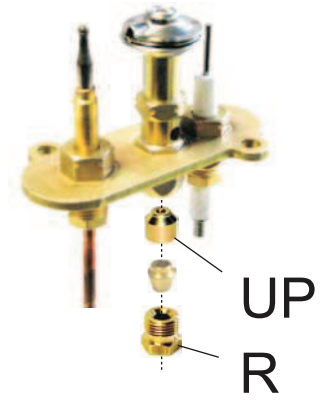
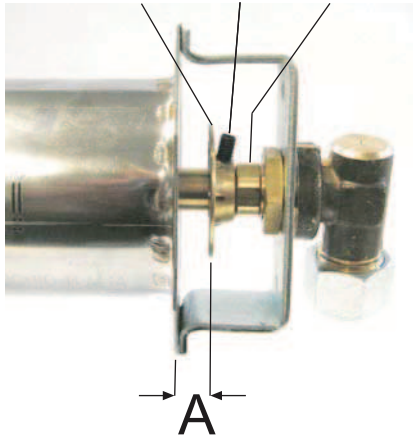
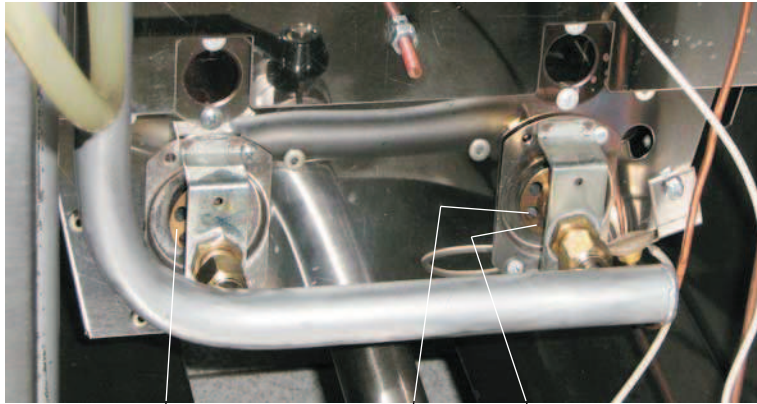
F64ER F64ERP	OF64ER OF64ERP	F66ER F66ERP	OF66ER OF66ERP
6NFR/E400R 6NFR/E400PR	EFE62110T EFE62110TP	6NFR/E600R 6NFR/E600PR	EFE63210T EFE63210TP



Legenda - Legende - Key - Legende - Leyenda - Legenda - Legenda

- E** Pressacavo entrata linea elettrica - Stopfbuchse
Electric cable stress relief - Presse etoupr de cable el
Pisacable - Elektrische kabelwartel - Entrada cabo eléctrico

FIGURE - ABB. - FIG.



DATI TECNICI - TECHNICAL DATA - TECHNISCHE DATEN - CARACTERISTIQUES TECHNIQUES - DATOS TECNICOS - TECHNISCHE GEGEVENS

T1							
Ugelli e regolazioni - Düsen und Einstellungen - Nozzles and settings							
Buses et les paramètres - Boquillas y los ajustes - Nozzles en instellingen							
Paese - Land Country - Pays - País	Gas - Gaz	Pa (mbar)		F64G8	EFG62108T	OF64G8	6NFR/G400
				F66G8	EFG63208T	OF66G8	6NFR/G600
AT - BE - BG - CH - CZ - DE DK - EE - ES - FI - FR - GB GR - HR - IE - IT - LT - LU LV - NO - PL - PT - RO - SE SI - SK - TR	G20 G20/G25	20 20/25	UM	145	145	145	145
			UP	41	41	41	41
			A (mm)	0	0	0	0
			Um	-	-	-	-
DE	G25	20	UM	160	160	160	160
			UP	41	41	41	41
			A (mm)	0	0	0	0
			Um	-	-	-	-
NL	G25	25	UM	145	145	145	145
			UP	41	41	41	41
			A (mm)	0	0	0	0
			Um	-	-	-	-
HU	G20	25	UM	135	135	135	135
			UP	41	41	41	41
			A (mm)	0	0	0	0
			Um	-	-	-	-
HU	G25.1	25	UM	150	150	150	150
			UP	41	41	41	41
			A (mm)	0 ⁽¹⁾	0 ⁽¹⁾	0 ⁽¹⁾	0 ⁽¹⁾
			Um	-	-	-	-
BE - BG - CY - CZ - DK - EE ES - FI - FR - GB - GR - HR HU - IE - IT - LT - LU - LV MT - NL - NO - PT - RO - SE SI - SK - TR	G30/G31	28-30/37 28-30	UM	95	95	95	95
			UP	25	25	25	25
			A (mm)	0	0	0	0
			Um	-	-	-	-
PL	G30/G31	37	UM	90	90	90	90
			UP	25	25	25	25
			A (mm)	0	0	0	0
			Um	-	-	-	-
AT - CH - DE - HU	G30/G31	50	UM	83	83	83	83
			UP	20	20	20	20
			A (mm)	0	0	0	0
			Um	-	-	-	-
UM : Ugello MAX - Düse MAX - MAX nozzle - Buse MAX - Boquilla MÁX. - Sproeier MAX							
Um : Ugello MIN - Düse MIN - MIN nozzle - Buse MIN - Boquilla MIN - Sproeier MIN							
UP : Pilota - Zündbrenner - Pilot - Veilleuse gaz - Piloto - Waakvlam							
A : Apertura Aereatore - Öffnen Luftring - Aerator Opening - Ouverture Aérateur - Abertura del aireador - Opening beluchter							
Pa : Pressione di allacciamento - Anschlussdruck - Supply pressure Pression de raccordement - Presión de conexión - Aansluitdruck							
(1) : Aereatore con 8 fori diametro 4,2mm - Luftblech mit 8 Löcher d. 4,2mm - Aerator with 8 holes d. 4,2 mm Aérateur avec 8 trous d. 4,2mm - Regulador de aire con 8 agujeros d. 4,2 mm - Beluchter met 8 gaten d. 4,2 mm							

DATI TECNICI - TECHNICAL DATA - TECHNISCHE DATEN - CHARACTERISTIQUES TECHNIQUES - DATOS TECNICOS - TECHNISCHE GEGEVENS

T2					
Categorie a pressioni - Kategorien e Druck - Categories and pressures - Catégories et pressions - Las categorías y las presiones - Categorieën en druk					
Paese - Land - Country - Pays - Pais	Categoria Kategorie Category Catégorie Categoría Categorie	Gas Gaz	Pressione di allacciamento Anschlussdruck Supply pressure Pression de raccordement Presión de conexión Aansluitdruk (mbar)		
			Nom. Neen. Norm. Normal	Min.	Max.
LU; PL	I2E	G20	20	17	25
NO	I2H	G20	20	17	25
NL	I2L	G25	25	20	30
LU	I3+	G30/G31	28-30/37	20/25	35/45
NO; NL; CY; MT	I3B/P	G30/G31	28-30	25	35
PL	I3B/P	G30/G31	37	25	45
BE; FR	II2E+3+	G20/G25	20/25	17	25/30
		G30/G31	28-30/37	20/25	35/45
DE	II2ELL3B/P	G20	20	17	25
		G25	20	18	25
		G30/G31	50	42,5	57,5
ES; GB; GR; IE; IT; PT; SK	II2H3+	G20	20	17	25
		G30/G31	28-30/37	20/25	35/45
DK; FI; SE; BG; EE; LV; LT; CZ; SI; TR; HR; RO	II2H3B/P	G20	20	17	25
		G30/G31	28-30	25	35
AT; CH	II2H3B/P	G20	20	17	25
		G30/G31	50	42,5	57,5
HU	II2HS3B/P	G20	25	18	33
		G25.1	25	18	33
		G30/G31	28-30	25	35
HU	II2HS3B/P	G20	25	18	33
		G25.1	25	18	33
		G30/G31	50	42,5	57,5

DATI TECNICI - TECHNICAL DATA - TECHNISCHE DATEN - CARACTERISTIQUES TECHNIQUES - DATOS TECNICOS - TECHNISCHE GEVEGENS

T3														
Dati tecnici apparecchiature gas - Technische Daten gasgeräte - Technical data of gas appliances														
Caractéristiques techniques des appareils à gaz - Datos técnicos de los equipos de gas - Technische gegevens gasapparaten														
Modelli Modelle Models Modèles Modelos Modellen A	Modelli Modelle Models Modèles Modelos Modellen B	Modelli Modelle Models Modèles Modelos Modellen C	Modelli Modelle Models Modèles Modelos Modellen D	Larghezza Breite Width Largeur Anchura Breedte mm	$\sum Q_n$ kW	$\sum Q_n$ G25 (25)	Consumo gas complessivo - Gasamtgasverbrauch - Totala gas consumption Consummation totale de gaz - Consumo total de gas - Totaal gasverbruik							
							G20 (20) m3/h	G25 (25) m3/h	G25 (20) m3/h	G20 (25) m3/h	G25.1 (25) m3/h	G30 (29) kg/h	G30 (37) kg/h	G30 (50) kg/h
F64G8	EFG62108T	OF64G8	6NFR/G400	400	7	6,65	0,74	0,82	0,86	0,74	0,86	0,55	0,55	0,55
F66G8	EFG63208T	OF66G8	6NFR/G600	600	14	13,3	1,48	1,64	1,72	1,48	1,72	1,10	1,10	1,10

T4									
Dati tecnici apparecchiature elettriche - Technische Daten Elektrogeräte - Technical data of electric appliances - Caractéristiques techniques des appareils électriques - Datos técnicos de los equipos eléctricos - Technische gegevens elektrische apparaten									
Modelli Modelle Models Modèles Modelos Modellen A	Modelli Modelle Models Modèles Modelos Modellen B	Modelli Modelle Models Modèles Modelos Modellen C	Modelli Modelle Models Modèles Modelos Modellen D	Larghezza Brette Width Largeur Anchura Breedte mm	Tensione di alimentazione Netzspannung Power supply voltage Tension d'alimentation Tensión de alimentación Voedingsspanning V	Fasi Phasen Phases Fases Fasen Nr. No. Nbre N. A ant.	Frequenza Frequenz Frequency Fréquence Frecuencia Frequentie Hz	Potenza totale massima Max. gesamtleistung Max. total power Puissance totale maximum Potencia máxima total Max. totaal vermogen kW	Sezione cavo alimentazione Querschnitt netzkabel Power supply cable section Section du câble de alimentation Sección del cable de alimentación Doorsnede elektrisch snoer
F64ER	EFE62110T	OF64ER	6NFR/E400R	400	400	3+N	50/60	6,00	5 G 1,5
F64ERP	EFE62110TP	OF64ERP	6NFR/E400PR	400	400	3+N	50/60	9,00	5 G 1,5
F66ER	EFE63210T	OF66ER	6NFR/E600R	600	400	3+N	50/60	12,00	5 G 2,5
F66ERP	EFE63210TP	OF66ERP	6NFR/E600PR	600	400	3+N	50/60	18,00	5 G 4

DATI TECNICI - TECHNICAL DATA - TECHNISCHE DATEN - CARACTERISTIQUES TECHNIQUES - DATOS TECNICOS - TECHNISCHE GEGEVENS

T5					
Carico max. - Max. fassungsvermögen - MAX. storage capacity - Capacité de charge maxi - Carga máx. - MAX. vulling					
Modelli Modelle Models Modèles Modelos Modellen A	Modelli Modelle Models Modèles Modelos Modellen B	Modelli Modelle Models Modèles Modelos Modellen C	Modelli Modelle Models Modèles Modelos Modellen D	Capacità vasca Fassungsvermögen der wanne Tank capacity Capacité de la cuve Capacidad de la cuba Bakinhoud I	Carico max. Max. fassungsvermögen MAX. storage capacity Capacité de charge maxi Carga máx. MAX. vulling kg
F64G8	EFG62108T	OF64G8	6NFR/G400	8	0,8
F66G8	EFG63208T	OF66G8	6NFR/G600	8+8	0,8+0,8
F64ER	EFE62110T	OF64ER	6NFR/E400R	10	1
F64ERP	EFE62110TP	OF64ERP	6NFR/E400PR	10	1
F66ER	EFE63210T	OF66ER	6NFR/E600R	10+10	1+1
F66ERP	EFE63210TP	OF66ERP	6NFR/E600PR	10+10	1+1

GENERAL INFORMATION.....	24
1 APPLIANCE SPECIFICATIONS	24
2 GENERAL PRESCRIPTIONS	24
REMINDEES FOR THE INSTALLER.....	24
REMINDEES FOR THE USER	24
REMINDEES FOR THE MAINTENANCE TECHNICIAN	24
REMINDEES FOR CLEANING	24
3 SAFETY AND CONTROL DEVICES.....	24
4 DISPOSAL OF PACKING AND THE APPLIANCE	24
INSTRUCTIONS FOR INSTALLATION	25
REMINDEES FOR THE INSTALLER.....	25
5 REFERENCE STANDARDS AND LAWS.....	25
6 UNPACKING	25
7 POSITIONING.....	25
8 FUMES EXHAUST SYSTEM.....	25
9 CONNECTIONS.....	25
10 CONVERSION TO A DIFFERENT TYPE OF GAS	26
11 COMMISSIONING	26
INSTRUCTIONS FOR USE.....	26
REMINDEES FOR THE USER	26
12 USING THE FRYER	26
12.1 GAS FRYERS	26
12.2 ELECTRIC FRYERS.....	27
13 PROLONGED DISUSE.....	27
INSTRUCTIONS FOR CLEANING.....	27
REMINDEES FOR CLEANING.....	27
INSTRUCTIONS FOR MAINTENANCE.....	27
REMINDEES FOR THE MAINTENANCE TECHNICIAN	27
15 CONVERSION TO A DIFFERENT TYPE OF GAS	27
16 COMMISSIONING	27
17 TROUBLESHOOTING	28
17.1 GAS FRYERS	28
17.2 ELECTRIC FRYERS.....	28
18 REPLACING COMPONENTS.....	28
REMINDEES FOR REPLACING COMPONENTS.....	28
18.1 GAS FRYERS	28
18.2 ELECTRIC FRYERS.....	28
19 CLEANING THE INTERIOR	28
20 MAIN COMPONENTS	29
20.1 GAS FRYERS.....	29
20.2 ELECTRIC FRYERS.....	29

GENERAL INFORMATION

This chapter contains general information which all users of the manual must be familiar with. Specific information for individual users of the manual is provided in subsequent chapters (" INSTRUCTIONS FOR ").

1 APPLIANCE SPECIFICATIONS

- The appliance data plate is located inside the control panel.
- The appliance model and serial number are also detailed on decals under the brand logo and on the packing.

2 GENERAL PRESCRIPTIONS

The manufacturer will not be liable for any damage or injury resulting from failure to observe the following rules

REMINDERS FOR THE INSTALLER

- Read this manual carefully. It provides important information for safe installation, use and maintenance of the appliance.
- Installation, conversion to a different type of gas and appliance maintenance must be carried out by qualified technicians authorized by the manufacturer, in compliance with current safety standards and the instructions in this manual.
- The appliance must be installed in a well-ventilated room.
- Identify the specific appliance model. The model number is detailed on the packing and on the appliance data plate.
- Do not obstruct any air vents or drains present on the appliance.
- Do not tamper with appliance components.

REMINDERS FOR THE USER

- Read this manual carefully. It provides important information for safe installation, use and maintenance of the appliance.
- Keep this manual in a safe place known to all users so that it can be consulted throughout the working life of the appliance.
- Installation, conversion to a different type of gas and appliance maintenance must be carried out by qualified technicians authorized by the manufacturer, in compliance with current safety standards and the instructions in this manual.
- For after-sales service, contact technical assistance centers authorized by the manufacturer and demand the use of original spare parts.
- Have the appliance serviced at least twice a year. The manufacturer recommends taking out a service contract.
- The appliance is designed for professional use and must be operated by trained personnel.
- The appliance is to be used for cooking food as specified in the reminders for use. Any other use must be considered improper
- Do not allow the appliance to operate empty for prolonged periods. Only pre-heat the oven just before use.
- Do not leave the appliance unattended while in operation.
- In the event of an appliance fault or malfunction, shut the gas shut-off valve and/or switch the appliance off at the main switch installed upline.
- Clean the appliance following the instructions given in Chapter " INSTRUCTIONS FOR CLEANING".
- Do not store flammable materials in close proximity to the appliance. FIRE HAZARD.
- Children should be supervised to ensure that they do not play with the appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- Do not obstruct any air vents or drains present on the appliance.
- Do not tamper with appliance components.
- Clean with non-flammable detergents.

REMINDERS FOR THE MAINTENANCE TECHNICIAN

- Read this manual carefully. It provides important information for safe installation, use and maintenance of the appliance.
- Installation, conversion to a different type of gas and appliance maintenance must be carried out by qualified technicians authorized by the manufacturer, in compliance with current safety standards and the instructions in this manual.
- Identify the specific appliance model. The model number is detailed on the packing and on the appliance data plate.
- The appliance must be installed in a well-ventilated room.
- Do not obstruct any air vents or drains present on the appliance.
- Do not tamper with appliance components.

REMINDERS FOR CLEANING

- Clean the satin finish stainless steel exterior surfaces, the cooking wells and the surface of the hotplates every day.
- At least twice a year, have an authorized technician clean the internal parts of the appliance.
- Do not use direct or high pressure water jets to clean the appliance.
- Do not use corrosive products to clean the floor beneath the appliance.
- Clean with non-flammable detergents.

3 SAFETY AND CONTROL DEVICES

SAFETY THERMOSTAT

The manufacturer will not be liable for any damage or injury resulting from failure to observe the following rules

- The appliance is equipped with a manual reset safety thermostat that interrupts heating when the operating temperature exceeds the maximum permitted value.
- To restore appliance operation press the thermostat reset button. This procedure must only be carried out by a qualified, authorized technician.

OIL DRAIN TAP

- The appliance features an oil drain valve with control lever. Models with the oil drain on the control panel feature a safety device to avoid accidental opening. To drain the oil, press the tap control lever downwards and then pull it forwards.

4 DISPOSAL OF PACKING AND THE APPLIANCE

4.1 PACKING

The packing is made using environmentally friendly materials. The plastic recyclable components are:

- the transparent cover, the bags containing the instructions manual and nozzles (made of Polyethylene - PE).
- the straps (in Polypropylene - PP).

4.2 APPLIANCE

The appliance is manufactured 90% from recyclable metals (stainless steel, aluminium sheet, copper....).

The appliance must be scrapped in compliance with current regulations governing such disposal.

- It must be disposed of properly.
- Make the appliance unusable before scrapping.

INSTRUCTIONS FOR INSTALLATION

REMINDERS FOR THE INSTALLER

The manufacturer will not be liable for any damage or injury resulting from failure to observe the following rules

- Read this manual carefully. It provides important information for safe installation, use and maintenance of the appliance.
- Installation, conversion to a different type of gas and appliance maintenance must be carried out by qualified technicians authorized by the manufacturer, in compliance with current safety standards and the instructions in this manual.
- Identify the specific appliance model. The model number is detailed on the packing and on the appliance data plate.
- The appliance must be installed in a well-ventilated room.
- Do not obstruct any air vents or drains present on the appliance.
- Do not tamper with appliance components.

Appliances in the DROP-IN series

- The appliance must be installed in strict compliance with the directions given in the attached drawings.
- Appliances should only be installed on units made of metal (and not wood and/or other flammable materials).
- Take particular care with the power lead: the channelways must be perfectly smooth with no sharp corners and/or edges. The lead must not, at any point, be subjected to temperatures of more than 50°C above normal room temperature.

5 REFERENCE STANDARDS AND LAWS

Install the appliance in compliance with current safety standards.

Install the appliance in compliance with the prescriptions of EN1717 and the water pollution regulations in force in your country.

6 UNPACKING

Check the state of the packing and in the event of damage, ask the delivery person to inspect the goods.

- Remove the packing
- Remove the protective film from the external panels. Use a suitable solvent to remove any residual adhesive from the panels

7 POSITIONING

- The overall dimensions of the appliance and the position of connections are given on the installation diagram at the start of this manual.
- The appliance can be installed singly or in combination with other appliances in the same product range.
- The appliance is not suitable for integrated installation.
- Position the appliance at least 10 cm from adjacent walls. This distance can be reduced in the presence of non-combustible walls or heat-insulated walls.

7.1 APPLIANCE ASSEMBLY WITH BASE

Follow the instructions provided with the type of support utilized.

7.2 JOINING APPLIANCES TOGETHER IN LINE

- Place the appliances side by side and adjust the tops to the same height.
- Unite the appliances using the special unionjoint-coverings supplied upon request

8 FUMES EXHAUST SYSTEM

Create a fumes exhaust system based on the "Type" of appliance. The "Type" is stated on the appliance data plate.

8.1 APPLIANCE TYPE "A1"

- Position the "A1" type appliance below an extractor hood to ensure smoke and fumes generated by cooking are removed

8.2 APPLIANCE TYPE "B21"

- Position the "B21" type appliance below an extractor hood

8.3 APPLIANCE TYPE "B11"

- Fit the "B11" type appliance with a suitable flue, available from the appliance manufacturer. Follow the assembly instructions provided with the flue.
- Connect the flue to a 150/155 mm diameter hose, heat resistant to 300°C.
- Vent to the outside or into an efficient flue. The hose length must not exceed 3 metres.

9 CONNECTIONS


The position and dimensions of connections are given in the installation diagram at the start of this manual.


9.1 ELECTRICAL CONNECTIONS

Check that the appliance is designed to operate at the voltage and frequency of the power supply present on site. Check the details given on the appliance data plate.

- At an easily accessible point upline of the appliance, fit an all-pole disconnect switch of suitable capacity with a contact breaking distance of at least 3 mm, and a highly sensitive differential protection device. The maximum permitted leakage current is 1 mA/kW.
- A flexible rubber cable with insulation specifications not lower than type H05 RN-F must be used for connection.
- Connect the power supply cable to the terminal board as shown in the wiring diagram supplied with the appliance.
- Secure the power supply cable with the cable clamp.
- Protect the power supply cable on the outside of the appliance with a rigid plastic or metal pipe.

9.2 PROTECTIVE EARTH AND EARTH BONDING CONNECTIONS

Connect the appliance to an efficient ground circuit. Connect the earth conductor to the terminal with the symbol  located next to the main terminal board.

Connect the metal structure of the appliance to the equipotential node. Connect the conductor to the terminal with the symbol  on the outside part of the bottom.

9.3 CONNECTION TO THE WATER SUPPLY

The appliance must be connected to a potable water supply. The water inlet pressure must be between 150 kPa and 300 kPa. Use a pressure reducer if the inlet pressure is above the maximum permitted level.

- Install a mechanical filter and a shut-off valve upstream of the appliance in an easily accessible point.
- Make sure the water circuit is free from ferrous particles before connecting the filter and the appliance.
- Seal any unused connectors with a plug.
- Once the appliance has been installed, check for gas leaks at the connection points.

9.4 CONNECTION TO THE WATER DRAIN

The water drainage system must be provided using materials resistant to temperatures of 100 °C. The bottom of the appliance must not be subjected to steam produced by drainage of hot water.

10 CONVERSION TO A DIFFERENT TYPE OF GAS

Table T1 specifies, for each country:

- which gas can be used for the appliance
- the nozzles and settings for each gas that can be used. For nozzles, the number indicated in table T1 is also stamped on the nozzle body.

To convert the appliance to the local gas type, follow the instructions given in table T1 and carry out the steps below:

- Replace the main burner nozzle (UM).
- Adjust the main burner's air regulator to distance A.
- Replace the pilot burner nozzle (UP).
- Adjust the pilot burner air flow (if necessary).
- Replace the gas valve minimum nozzle (Um).
- Affix the adhesive tab indicating the new type of gas used. The nozzles and adhesive tabs are supplied with the appliance.

10.1 REPLACING THE MAIN BURNER NOZZLE AND ADJUSTING THE PRIMARY AIR FLOW

- Slacken screw V.
- Remove nozzle UM (fitted to air regulator Z) and replace it with the one indicated in table T1.
- Retighten nozzle UM (fitted to air regulator Z).
- Adjust air regulator Z to distance A as shown in table T1.
- Retighten screw V fully.
- Re-assemble all parts. For assembly, proceed in reverse order.

10.2 REPLACING THE PILOT BURNER NOZZLE

- Undo connector R.
- Remove nozzle UP and replace it with the one indicated in table T1.
- Retighten connector R.
- Re-assemble all parts. For assembly, proceed in reverse order.

11 COMMISSIONING

See Chapter " INSTRUCTIONS FOR MAINTENANCE "

INSTRUCTIONS FOR USE

REMINDERS FOR THE USER

The manufacturer will not be liable for any damage or injury resulting from failure to observe the following rules

- Read this manual carefully. It provides important information for safe installation, use and maintenance of the appliance.
- Keep this manual in a safe place known to all users so that it can be consulted throughout the working life of the appliance.
- Installation, conversion to a different type of gas and appliance maintenance must be carried out by qualified technicians authorized by the manufacturer, in compliance with current safety standards and the instructions in this manual.
- For after-sales service, contact technical assistance centers authorized by the manufacturer and demand the use of original spare parts.
- Have the appliance serviced at least twice a year. The manufacturer recommends taking out a service contract.
- The appliance is designed for professional use and must be operated by trained personnel.

- The appliance is to be used for cooking food as specified in the reminders for use. Any other use must be considered improper
- Do not allow the appliance to operate empty for prolonged periods. Only pre-heat the oven just before use.
- Do not leave the appliance unattended while in operation.
- In the event of an appliance fault or malfunction, shut the gas shut-off valve and/or switch the appliance off at the main switch installed upline.
- Clean the appliance following the instructions given in Chapter " INSTRUCTIONS FOR CLEANING".
- Do not store flammable materials in close proximity to the appliance. FIRE HAZARD.
- Children should be supervised to ensure that they do not play with the appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Do not obstruct any air vents or drains present on the appliance.
- Do not tamper with appliance components.
- Clean with non-flammable detergents.

12 USING THE FRYER

REMINDERS FOR USE

- The appliance is designed for frying food in oil or solid fat.
- Do not place large pieces of food or food that is dripping with water in the well because this action may produce splashes of boiling oil and cause the oil to overflow.
- Top up the oil level whenever it falls below the minimum reference mark (fire hazard) Before pouring in oil make sure that there is no water in the well.
- Pour oil into the well up to the level indicated by the reference mark on the well rear/lateral wall.
- When using solid fat, melt the fat separately before pouring it into the well Do not leave the fat in the well when you have finished cooking.
- Gradually immerse the basket containing the food to be fried into the boiling oil and take care that the resulting foam does not spill over the sides of the well If this should occur, stop immersing the basket and wait for a few seconds.
- Do not activate the heating system when there is no oil or fat in the well
- While the fryer is on, the oil level must be maintained in correspondence with or above the minimum level mark indicated on the rear wall of the well
- The appliance is equipped with a manual reset safety thermostat that interrupts heating when the operating temperature exceeds the maximum permitted value.

FILLING AND EMPTYING THE WELL

Filling

- Close the well drain tap (knob on front panel).
- Fill the well with oil or lumps of fat up to the notch indicating the minimum level.

Emptying

- Switch the burners off
- Wait for the oil to cool.
- Open the well drain tap (knob on front panel).

12.1 GAS FRYERS

The gas valve control knob has the following positions

● Off

★ Pilot ignition

1...6 Intermediate cooking temperatures

7 Maximum cooking temperature

BURNER IGNITION AND EXTINCTION

Pilot ignition

Press and turn the knob to position "★". Press the knob down fully and light the pilot using the piezoelectric igniter.

- Hold the knob down for about 20 seconds before releasing it. If the pilot flame goes out, repeat the operation.
- The pilot flame can be seen by opening the door
- The pilot light can be lit by bringing an open flame up to the nozzle.

Main burner ignition

- Turn the knob to the chosen temperature setting for cooking.

Switching off

To switch the main burner off, turn the knob to position "★".

To switch off the pilot flame, press and turn the knob to position "●".

12.2 ELECTRIC FRYERS

The thermostat control knob has the following positions:

0 Off

90 Minimum cooking temperature

120-150 Intermediate temperatures

180 Maximum cooking temperature

Switching on

- Turn the thermostat knob to the chosen temperature setting for cooking.
- The yellow indicator light switches on.
- The yellow indicator light switches off when the oven reaches the set temperature.

Switching off

- Turn the thermostat knob to position "0".
- The yellow indicator light switches off

13 PROLONGED DISUSE

Before any prolonged disuse of the appliance, proceed as follows:

- Clean the appliance thoroughly.
- Rub stainless steel surfaces with a cloth soaked in Vaseline oil to create a protective film.
- Leave lids open.
- Shut off taps and main switches upline of appliances.

Following prolonged disuse, proceed as follows:

- Inspect the appliance thoroughly before using it again.
- Allow electric appliances to operate at the lowest temperature for at least 60 minutes.

INSTRUCTIONS FOR CLEANING

REMINDERS FOR CLEANING

The manufacturer will not be liable for any damage or injury resulting from failure to observe the following rules

- Clean the satin finish stainless steel exterior surfaces, the cooking wells and the surface of the hotplates every day.
- At least twice a year, have an authorized technician clean the internal parts of the appliance.
- Do not use direct or high pressure water jets to clean the appliance.
- Do not use corrosive products to clean the floor beneath the appliance.
- Clean with non-flammable detergents.

SATIN FINISH STAINLESS STEEL SURFACES

- Clean the surfaces with a cloth or sponge using water and proprietary non-abrasive detergents. Follow the direction of the satin finish lines. Rinse repeatedly and dry thoroughly.
- Do not use pan scourers or other iron items.
- Do not use chemical products containing chlorine.
- Do not use sharp objects which might scratch and damage the surfaces.

COOKING WELLS

- Clean the wells by bringing the water to the boil, with the addition of grease remover detergent if necessary
- Remove any limescale deposits with a proprietary limescale remover

14 FILTERS

The use of oil filters prolongs the life of the oil and, if the oil is reused, guarantees better cooking of the food. To clean the filter, extract it from its seat; if the filter is greasy, wash it with a degreasing soap, rinse and dry. When the procedure is concluded refit the filter in its seat. When the filter is deteriorated it must be renewed.

INSTRUCTIONS FOR MAINTENANCE

REMINDERS FOR THE MAINTENANCE TECHNICIAN

The manufacturer will not be liable for any damage or injury resulting from failure to observe the following rules

- Read this manual carefully. It provides important information for safe installation, use and maintenance of the appliance.
- Installation, conversion to a different type of gas and appliance maintenance must be carried out by qualified technicians authorized by the manufacturer, in compliance with current safety standards and the instructions in this manual.
- Identify the specific appliance model. The model number is detailed on the packing and on the appliance data plate.
- The appliance must be installed in a well-ventilated room.
- Do not obstruct any air vents or drains present on the appliance.
- Do not tamper with appliance components.

15 CONVERSION TO A DIFFERENT TYPE OF GAS

See Chapter "Instructions for installation"

16 COMMISSIONING

Following installation, conversion to a different type of gas or any maintenance operations, check appliance operation. In the event of any malfunction, consult the next Paragraph "Troubleshooting".

16.1 GAS APPLIANCES

Switch on the appliance as directed in the instructions and reminders for use given in Chapter " INSTRUCTIONS FOR USE " and check:

- the gas supply pressure (see next Paragraph).
- the correct ignition of the burners and the effectiveness of the fumes removal system.

16.1.1 CHECKING THE GAS SUPPLY PRESSURE

- To measure the gas supply pressure use a manometer with a minimum definition of 0.1 mbar.
- Remove the control panel.
- Remove the screw from the pressure test point PP and connect the manometer to the test point.
- Make the measurement with the appliance in operation.

IMPORTANT! If the gas supply pressure is not within the limits (Min. - Max) indicated in Table T2 , cease operation of the appliance and contact the gas utility company.

- Disconnect the manometer and retighten the retaining screw on the pressure connection.

16.2 ELECTRICAL APPLIANCES

Switch on the appliance as directed in the instructions and reminders for use given in Chapter " INSTRUCTIONS FOR USE " and check:

- the current values of each phase.
- the correct operation of the heating elements.

17 TROUBLESHOOTING

17.1 GAS FRYERS

The pilot burner does not light

Possible causes:

- Insufficient gas supply pressure.
- Blocked tubing or nozzle.
- Defective gas tap or valve.
- Igniter defective or not properly connected.
- Igniter or igniter wire defective.
- Defective safety thermostat

Pilot burner goes out during use

Possible causes:

- Insufficient gas supply pressure.
- Defective gas tap or valve.
- Defective thermocouple or insufficient heating.
- Thermocouple incorrectly connected to gas tap or valve.
- Knob of gas tap or valve not pressed sufficiently.
- Defective safety thermostat

The main burner does not light (even though pilot is lit)

Possible causes:

- Insufficient gas supply pressure.
- Blocked tubing or nozzle.
- Defective gas tap or valve.
- Defective burner (gas outlet holes clogged).

Heating cannot be adjusted

Possible causes:

- Defective gas valve.

17.2 ELECTRIC FRYERS

The appliance does not heat.

Possible causes:

- Temperature thermostat defective.
- Heating elements defective.
- Safety thermostat tripped.

Heating cannot be adjusted

Possible causes:

- Temperature thermostat defective.

18 REPLACING COMPONENTS

REMINDERS FOR REPLACING COMPONENTS.

- Disconnect the appliance electric supply, if present, before carrying out any operation.
- After replacing a gas system component, check for gas leaks at connection points.
- After replacing an electrical system component, check it is correctly wired.

18.1 GAS FRYERS

Replacing the pilot burner, the thermocouples, the igniters, the piezoelectric ignition and the safety thermostats

- Remove the control panel.
- Remove and replace the component.
- Re-assemble all parts. For assembly, proceed in reverse order.

Replacing the gas valve, the burner and the oil drain tap

- Remove the control panel.
- Remove the bottom of the appliance.
- >Check for gas leaks at the connection points.
- Remove and replace the component.
- Re-assemble all parts. For assembly, proceed in reverse order.

18.2 ELECTRIC FRYERS

Replacing the heating element

- Drain off all the oil from the well
- Remove the control panel and the cover protecting the wiring of the heating elements.
- Release the thermostat bulbs secured between the heating elements (to remove them, loosen the screws holding the support plates).
- Disconnect the electrical connections to other devices.
- Remove and replace the component.
- Re-assemble all parts. For assembly, proceed in reverse order.

Replacing the working thermostat and safety thermostat

- Drain off all the oil from the well
- Remove the control panel.
- Release the thermostat bulb to be replaced; it is secured between the heating elements with a flexible clip.
- Disconnect the electrical connections to other devices.
- Remove and replace the component.
- Re-assemble all parts. For assembly, proceed in reverse order.

19 CLEANING THE INTERIOR

- Check the condition of the inside of the appliance.
- Remove any built-up dirt.

- Check and clean the fumes exhaust system.

20 MAIN COMPONENTS

20.1 GAS FRYERS

- Gas valve
- Main burner
- Pilot burner
- Thermocouple
- Igniter
- Piezoelectric ignition
- Safety thermostat
- Oil drain valve

20.2 ELECTRIC FRYERS

- Safety thermostat
- Working thermostat
- Heating element