

# iTOP Induction Unit

## INSTALLATION, SERVICING and USER INSTRUCTIONS



### **IMPORTANT**

The installer must ensure that the installation of the appliance is in conformity with these instructions and National Regulations in force at the time of installation.

Particular attention **MUST** be paid to -

**BS7671 IEE Wiring Regulations**

**Electricity at Work Regulations**

**Health And Safety At Work Act**

**Fire Precautions Act**

This appliance has been CE-marked on the basis of compliance with the Low Voltage and EMC directives for the voltages stated on the data plate.

### **WARNING -THIS APPLIANCE MUST BE EARTHED**

On completion of the installation these instructions should be left with the Engineer-in-Charge for reference during servicing. A demonstration of operation and cleaning should be given to users.

**IT IS MOST IMPORTANT THAT THESE INSTRUCTIONS BE CONSULTED BEFORE INSTALLING AND COMMISSIONING THIS APPLIANCE. FAILURE TO COMPLY WITH THE SPECIFIED PROCEDURES MAY RESULT IN DAMAGE OR THE NEED FOR A SERVICE CALL.**

### **PREVENTATIVE MAINTENANCE CONTRACT**

In order to obtain maximum performance from this unit we would recommend that a Maintenance Contract be arranged with **SERVICELINE**. Visits may then be made at agreed intervals to carry out adjustments and repairs. A quotation will be given upon request to the **SERVICELINE** contact numbers below.



### **WEEE Directive Registration No. WEE/DC0059TT/PRO**

At end of unit life, dispose of appliance and any replacement parts in a safe manner, via a licenced waste handler. Units are designed to be dismantled easily and recycling of all material is encouraged whenever practicable.

## **Falcon Foodservice Equipment**

### **HEAD OFFICE AND WORKS**

Wallace View, Hillfoots Road, Stirling. FK9 5PY. Scotland.

### **SERVICELINE CONTACT**

Phone: 01438 363 000

Fax: 01438 369 900

## 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 data plate is located at the bottom of the appliance.
- The appliance model and serial number are also detailed on decals under the brand logo and on the packaging.

### 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.
- 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 packaging 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 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.
- Appliance installation and 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 centres 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.

- Do not leave the appliance unattended while in operation.
- If the appliance breaks down or malfunctions, turn off the power supply main switch (installed upline of the appliance) and pull the plug out of the socket.
- 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 must be supervised to ensure that they do not play with the appliance.
- The appliance is not destined for use by persons (including children) with reduced physical, sensory or mental capacities, or who have no experience or knowledge, unless they are supervised or trained in the use of the machine 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.

#### REMINDERS FOR THE MAINTENANCE TECHNICIAN

- Read this manual carefully. It provides important information for safe installation, use and maintenance of the appliance.
- 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 packaging 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 outer surfaces on a daily basis.
- 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.

### 3 DISPOSAL OF PACKAGING AND THE APPLIANCE

#### 3.1 PACKAGING

The packaging 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).

#### 3.2 APPLIANCE

The appliance is manufactured 90% from recyclable metals (stainless steel, aluminum 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.
- 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 packaging 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.

### 4 REFERENCE STANDARDS AND LAWS

Install the appliance in compliance with UNI 8723 safety standards and with D.M. n°74 of 12.04.1996. Install the appliance in compliance with the prescriptions of EN1717 and the water pollution regulations in force in your country.

### 5 UNPACKING

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

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

### 6 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 independently.
- 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 CONNECTIONS

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

#### 7.1 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.
- Insert the plug into the relevant socket.

### 8 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.
- 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 centres 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.
- Do not leave the appliance unattended while in operation.
- If the appliance breaks down or malfunctions, turn off the power supply main switch (installed upline of the appliance) and pull the plug out of the socket.
- 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 must be supervised to ensure that they do not play with the appliance.
- The appliance is not destined for use by persons (including children) with reduced physical, sensory or mental capacities, or who have no experience or knowledge, unless they are supervised or trained in the use of the machine 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.
- Do not use the appliance without the filters.

- Under no circumstances should the induction cooker be switched on if the glass ceramic hob is cracked or broken. This could be dangerous.
- With the transmission of heat from pots, the glass ceramic hob becomes extremely hot and must therefore never be touched after cooking (risk of burns).
- Do not place metal items (equipment, knives, etc.) near the cooking zones, as they can become hot very quickly.
- During use, take care when wearing rings, watches and similar items since these can become extremely hot if too close to the cooking zone.
- Users must be informed of the potential risks for individuals fitted with a heart pacemaker or metallic prosthesis.

## USE

### REMINDERS FOR USE

- The appliance is designed for cooking foods contained in pots and pans.
- Use flat-bottomed pans. Use a special wok pan on the wok hotplate.
- Do not leave the hotplates switched on with no pan or an empty pan in place.
- Do not pour cold liquids onto the hot hotplate.
- The induction hob (made of glass ceramic) is ready for use, no pre-heating is required.
- Do not use multi-layered pots with aluminium core open along the edge.
- The induction heating system will not function with unsuitable materials. These are: chrome-nickel stainless steel, aluminium, copper, brass, glass, stoneware.
- Pots with a diameter smaller than approx. 12cm are not detected by the system and the appliance will therefore not switch on.
- Use pots with a maximum diameter of 24cm for maximum heating efficiency.
- Do not leave the hotplates switched on with no pan or an empty pan in place.
- Take care when moving pots on the hob. Dropping items on the glass ceramic hob may cause irreparable damage.
- Position the pan in the middle of the cooking zone.
- We recommend the use of pans designed specifically for induction cooking. Be wary of very cheap models.
- The product should be operated well away from sources of heat (such as gas or halogen appliances).

### SWITCHING ON AND OFF

The glass hob knob has the following positions:

0 = Off

MAX = Max. temperature

#### Switching off

- Turn the thermostat control knob to position 0 (indicator light off).

## 9 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.
- Shut off the main switch upline of the appliance or pull the plug out of the socket.

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:**

- Disconnect the appliance from the electricity supply and unplug it before carrying out any procedure.
- 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.

### 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.

### 10 FILTERS

#### AIR FILTERS

- Check and clean the air filter regularly.
- To clean the filter, remove it from its slot: if it is saturated with grease, wash it with a grease removal soap, then 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.
- 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 packaging 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.
- Check and clean the air filter regularly.

## 11 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".

### 11.1 ELECTRICAL APPLIANCES

Operate the appliance in accordance with the following procedure:

- Remove all pans from the cooking zone.
- Make sure the cooking zone is switched off.
- Power up the appliance by activating the main switch on the machine.
- Switch on the cooking zone and increase its power level: the green indicator light corresponding to that zone should flash at regular intervals to indicate the absence of a pan.
- Place a pan full of water on the zone: the green indicator light will remain lit steadily.
- Turn the power up to maximum: after a few minutes the fan will be activated.

## 12 TROUBLESHOOTING

- **Important** Do not open up the appliance. There is high voltage inside!

| PROBLEM                                 | CAUSE   | CORRECTIVE MEASURE  |
|---|---|---|
| No heating, indicator light remains off | There is no power, the appliance is not switched on   | Check the mains power connection, switch on the appliance;  |
| No heating, indicator light flashes     | The pan is too small, its base is not flat or it is the wrong shape, the pan is not positioned in the middle of the cooking zone; Appliance breakdown | Use suitable cookware as recommended by the manufacturer; Switch off the power and contact a qualified technician authorized by the manufacturer; |
| The indicator light does not            | Unsuitable pan used;  | Use suitable cookware, make sure  |

|   |   |  |
|---|---|--|
| flash but heating is not very efficient                   | generator locked; ambient temperature too high with insufficient airflow for cooling, appliance breakdown | the air inlets are clear and not obstructed, check that the air temperature is under 40°C/110°F; Switch off the appliance and contact a qualified technician authorized by the manufacturer; |
| The control knob is not working                           | Knob damaged.   | Switch off the appliance and contact the after-sales support service;  |
| Heating is inconsistent and the fan operates continuously | The airflow has been interrupted; the fan is jammed.  | Check/unblock the ducts, switch off the appliance and clean the fan;   |
| Heating is inconsistent and the fan is not working        | Fan short-circuited.  | Switch off the appliance and contact the after-sales support service;  |
| Heating is inconsistent                                   | Cooking zone or generator too hot.  | Switch off the appliance, remove the pan and wait for the zone to cool down.   |

#### If the green indicator light is off:

- Power supply main switch disconnected
- Insufficient voltage or incorrect electric connection of the appliance

#### If the green indicator light is on:

- Check and count the green indicator light flashes. This number is the code of the malfunction message detailed in the following table:

| ERROR | MESSAGE  | CAUSE   |
|-------|--|---|
| 01    | No power at inductor                                 | No pan, cookware used incorrectly, consult a qualified technician;  |
| 03    | Overheating, switching off                           | Cooling required, consult a qualified technician;   |
| 04    | High temperature inside pan, switching off           | Clean the fan/check its rotation, oil inside pan too hot, lower temperature level;                        |
| 05    | Potentiometer damaged or control knob not set to "0" | Set the power level to a value other than "0" before use, power problems, consult a qualified technician; |
| 07    | IGBT temperature sensor error                        | Consult a qualified technician;   |
| 09    | Pan temperature sensor error                         | Consult a qualified technician;   |
| 10    | Supplied power too low (<180V)                       | Check the power supply;   |
|       | Connection error between the generator and the panel | Consult a qualified technician;   |

- N.B.: When the electricity supply is restored after it has been cut off (e.g. blackout), the green indicator light flashes 5 times. Turn the knob to "0" and switch the appliance on again.

### ***13 REPLACING COMPONENTS***

#### ***REMINDERS FOR REPLACING COMPONENTS***

- Disconnect the appliance from the electricity supply and unplug it before carrying out any procedure.

#### **Replacing the filter**

- Slide out the filter on the base of the appliance.
- Remove and replace the component.
- Re-assemble all parts. For assembly, proceed in reverse order.

### ***14 CLEANING THE INTERIOR***

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