



PRO1000

AUTHENTIC COOKING EQUIPMENT

TILTING BRATT PANS

INSTALLATION MANUAL



INSTALLATION MANUAL
FR_PRO1000_E1-SB_M/E-50/80_I-REV. F
Written by ECE on 24/10/19
Revised by JGD on 26/11/20

APPLICABLE TO:

V02968	V02969	V02970	V02971	

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REVISION HISTORY

Revision index	Author of the revision	Date of the revision	Nature of the revision
B	JGD	19/11/2020	Update of the manual



INTRODUCTION

1. FOREWORD

Thank you for choosing Charvet equipment for your installation. Our equipment is designed and manufactured in France by our teams, who are committed to meeting five targets: Robustness, performance, hygiene, ergonomics, and safety.

If, however, despite our commitment and effort, you encounter a problem with one of our products, please get in touch with our After-sales service.

2. USEFUL CONTACT DETAILS

For any information, or sales request:

✉ info@charvet.fr

☎ +33 (0)4 76 06 64 22

For all technical assistance requests, contact our After-sales service department:

✉ sav@charvet-sa.fr

☎ +33 (0)4 76 06 68 14

3. WARRANTY



INFORMATION

The warranty is part of the sale contract. For any installation or work carried out under the warranty, contact an authorised dealer. In addition, we would like to remind you that the CHARVET warranty does not cover damage caused by faulty installation, misuse or inadequate maintenance. Please read this manual in full.

4. RESTRICTIONS ON USE



INFORMATION

This appliance must be used by qualified personnel only. It is mandatory that the installer provides training to the users of the appliance once the installation is complete. After the user training, the User Manual (below) must be passed to the final user for their records.

CHARVET equipment should not be used by untrained personnel unless they are under the supervision of a person who is liable and can guarantee their safety.

5. EQUIPMENT DISPOSAL



INFORMATION

Exclusively for France:

In accordance with Decree No. 2014-928 of 19 August 2014, concerning the disposal of waste and electrical and electronic equipment, the Paul CHARVET company is responsible for the organisation and financing of the collection and processing of professional EEE placed on the market from 13.08.2005. As such, the CHARVET company is a member of ECOLOGIC, an eco-organisation approved by the state.

How WEEE is disposed of:

At the end of its life, the equipment must be palletised and made available to the carrier in an accessible place. As much packaging as possible should be recycled. Otherwise, the CHARVET company reserves the right to re-invoice the costs of processing and taking responsibility for the equipment.

In addition, all requests weighing less than 500 Kg shall either be dropped off by the end user at a collection point or collected from the end user's premises, in which case the end user will be liable to pay the cost of such collection.

For any request for collection:

www.e-dechet.com

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INSTALLATION

1. GENERAL POINTS

The installation must be performed by a certified installer, who will install the equipment in compliance with the instructions provided in this manual and in compliance with local regulations.

During installation, special attention should be paid to the fire prevention regulations of the establishment concerned.

2. HANDLING

For all handling, leave the appliance on its wooden pallet during the handling process until the final installation.

Unpack and check the appliance for damage upon receipt.



WARNING

In the event of damage:

In case of damage, detail it immediately on the delivery note; notify the carrier by registered mail with acknowledgement of receipt within 48 hours.

3. INSTALLATION

The appliance must be placed under a functioning extraction hood. If the appliance is to be installed against a wall or partition, near a piece of furniture or decorative borders, it is recommended that these are made of fireproof material.

If this is not the case, they must be protected by an approved fireproof, insulating material. If there is any doubt about the nature of the materials in the vicinity of the appliance, place it at a minimum distance of 20 centimetres from the wall.

4. ASSEMBLY AND SPECIAL PRECAUTIONS

It is mandatory that the appliance be levelled before any use. To set the level it is possible to adjust each leg (or bolt if using a concrete plinth) individually.

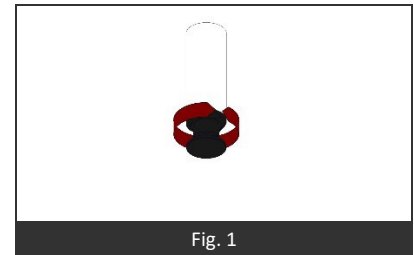


Fig. 1

5. DATA PLATE

Each appliance has a data plate. Its location varies according to the configuration of the appliance:

- **The appliance is mounted in open cabinet or closed cabinet configuration:**
The data plate is underneath the removable bottom of the cabinet.
- **The appliance is mounted in warmer configuration:** As a priority, the data plate is installed on the front of the appliance. It is also possible for it to be on the burner support or the protective casing of the appliance's control panel.
- **The appliance is mounted in (electric or gas) oven configuration:**
The data plate is on the front of the appliance.

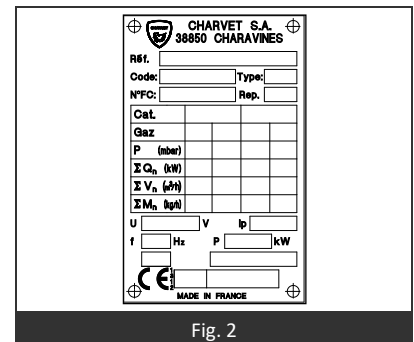


Fig. 2

ELECTRICAL CONNECTION



WARNING

Instructions for the electrical connection of the appliance:

- Do not work on live cables.
- The appliance must be earthed.
- Use 245 IEC 57 or 245 IEC 66 standard cables (or other cables with similar characteristics).
- Ensure that the user's fixed installation has an all-pole circuit breaker with point gap in compliance with standard EN 60335 – I.
- If the cable is damaged, a qualified person must be called in to replace it.

In the case of a mobile appliance connected to the network via an electric socket:

- The size of the electric plug depends on the power of the appliance. If necessary, replace it with a socket with the same characteristics.
- During use, the electric socket must remain accessible at all times.

1. BEFORE ELECTRICAL CONNECTION

Before making the electrical connection of the appliance, you must:

- Locate the position of the electrical junction box and the equipotential bonding terminal.
- Check that the appliance's power supply is switched off while connecting the appliance.
- Ensure that the electrical voltage of the supply is compatible with the voltage and power required by the appliance.

2. ELECTRICAL CONNECTION

Connect the installation's fixed electrical supply to the appliance's electrical circuit via the junction box.

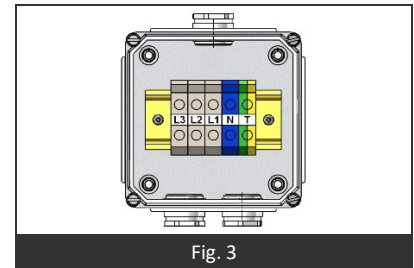


Fig. 3

Equipotential bonding:

The appliance must be included in an equipotential system, the operation of which must be verified in accordance with the regulations in force in the country of installation. Connect the equipotential terminal, the location of which is marked by the standard symbol IEC60417-502 2002-10 (shown in illustration).

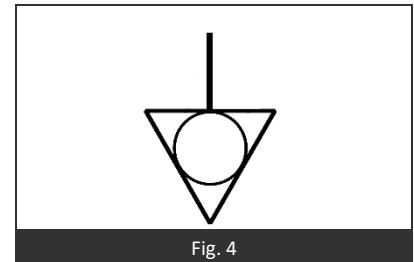


Fig. 4

3. AFTER CONNECTION

After connecting the appliance, ensure that the cable connections to the terminal block are sufficiently tight, and that the system is properly earthed.

WATER CONNECTION

If the appliance is fitted with a drain or a mixed water tap, the connection must be made at the connection point(s) on the appliance intended for this purpose. These are to be found at the location indicated on the plumbing drawing.

The same is true for the water drains.

STARTING UP

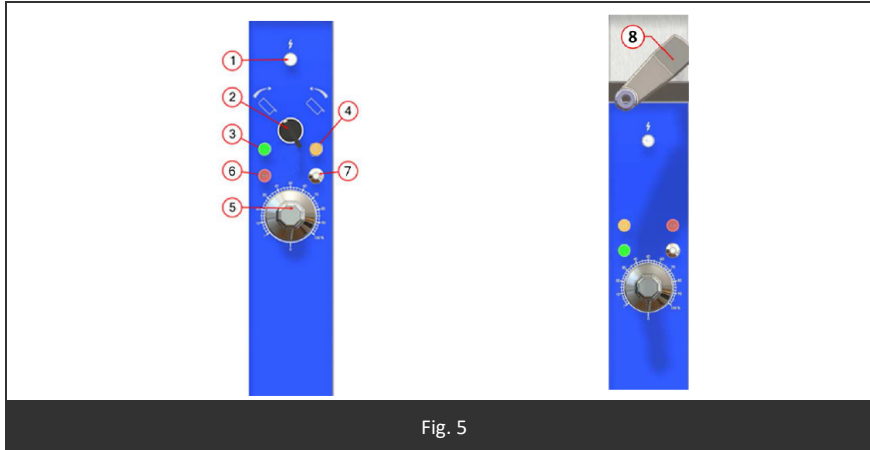
1. GENERAL POINTS

Once the appliance has been installed, remove all protective plastic wrapping, then test each function of the appliance; please refer to the paragraph on 'Normal use' in this user manual.

If the test is successful, the appliance should be fully cleaned, in accordance with the instructions given in the paragraph on 'Cleaning' in the user manual, before delivery from the site to the end customer.

When delivering from the site to the user, the user or person in charge should be given the user manual for each appliance.

2. CONTROL PANEL



Nomenclature	
Item	Description
1	'Power on' indicator light.
2	Tilting switch (tilting by jack)
3	Green 'in operation' indicator light
4	Amber 'heating' light
5	Power meter
6	Red light indicating a tilting error
7	Push button for tilting reset
8	Tilting lever (manual tilting)

3. NORMAL USE

3.1. Cooking function

- With the appliance switched on, the white light is on (Fig. 5 Item 1).
- Turn the power meter control knob (Fig. 5 Item 5) to the desired power.
- The green indicator light (Fig. 5 Item 3) comes on.
- The amber indicator light (Fig. 5 Item 4) also comes on, indicating that the tank is heating up.
- This goes off when the temperature has been reached.
- When the water in the tank is boiling, position the meter at 80 or 90%.

3.2. Tank tilting function

- Depending on the model (tilting by lever or by jack), turn the lever (Fig. 5 Item 8) or the switch (Fig. 5 Item 2) to the left to tilt the tank.
- When the tank reaches the limit switch threshold, the red error indicator light (Fig. 5 Item 6) comes on to indicate the error and heating is stopped.
- To reset the heating assembly, first lower the tank (turn the lever or the switch to the right) and then press the reset push button (Fig. 5 Item 7).



MANUAL RESET OF THE ELECTRIC BRATT PAN

- When tilting the tank **you must reset your appliance**.
- This safety feature is in place to prevent the dry tank from being heated when returned to the horizontal position.

3.3. Turning the appliance off

- At the end of the day, return all control knobs to the '0' position.
- Disconnect the appliance from the electricity supply.



OUVERTURE TOTALE DU COUVERCLE AVANT
DE BASCULER LA CUVE.



FULL OPENING OF THE LID PRIOR TO THE
TILTING THE TANK.

Charvet cannot be held liable for any damage caused by misuse.

ADJUSTMENTS – MAINTENANCE



WARNING

Instructions for maintenance operations on an electric appliance or for implementing electric power:

Before any work:

- Disconnect the appliance from its power supply at the circuit breaker.
- Use a suitable checking device to check that there is no voltage present.

The rules laid down in the 'Electrical Connection' section remain applicable. In addition, all the maintenance operations listed below must be performed after the appliance has been powered off. Unless explicitly stated otherwise, tests following the replacement of a part must only be carried out once the appliance has been reassembled in its factory configuration.



WARNING

Instructions for maintenance or adjustment operations on a gas-powered appliance or for implementing gas power:

- It is essential to stop the gas supply to the appliance in the case of work on one of the parts of the appliance's gas circuit (use the block valve provided for this purpose). This instruction does not apply to work that requires the presence of gas in the system (e.g. pressure check).
- Although our appliances are pre-set to suit the characteristics of the gas supply at the place of installation (type of gas, expected gas pressure), adjustments to the air setting may be necessary during installation.
- When checking the pressure, please take your measurement at the pressure gauge outlets on the manifolds and not at the gas taps.

The rules laid down in the 'Gas Connection' section remain applicable. In addition, all the maintenance operations listed below must be performed after the block valve supplying the appliance has been shut off. Unless explicitly stated otherwise, tests following the replacement of a part must only be carried out once the appliance has been reassembled in its factory configuration.

1. PERIODIC CHECKS

Under normal conditions of use, it is recommended to service the appliance once a year. In addition to checking the general operation of the appliance, this service should, include as a minimum:

- A check that the electrical and mechanical elements are in good working order.
- A check of the appearance of cables and connections (appearance, tightness).
- A check of the regulatory and safety components.
- Greasing of the gas taps

2. CONTROL PANEL REMOVAL

The control panel of each appliance can be removed by unscrewing the two screws located underneath the control panel and at its left and right ends.

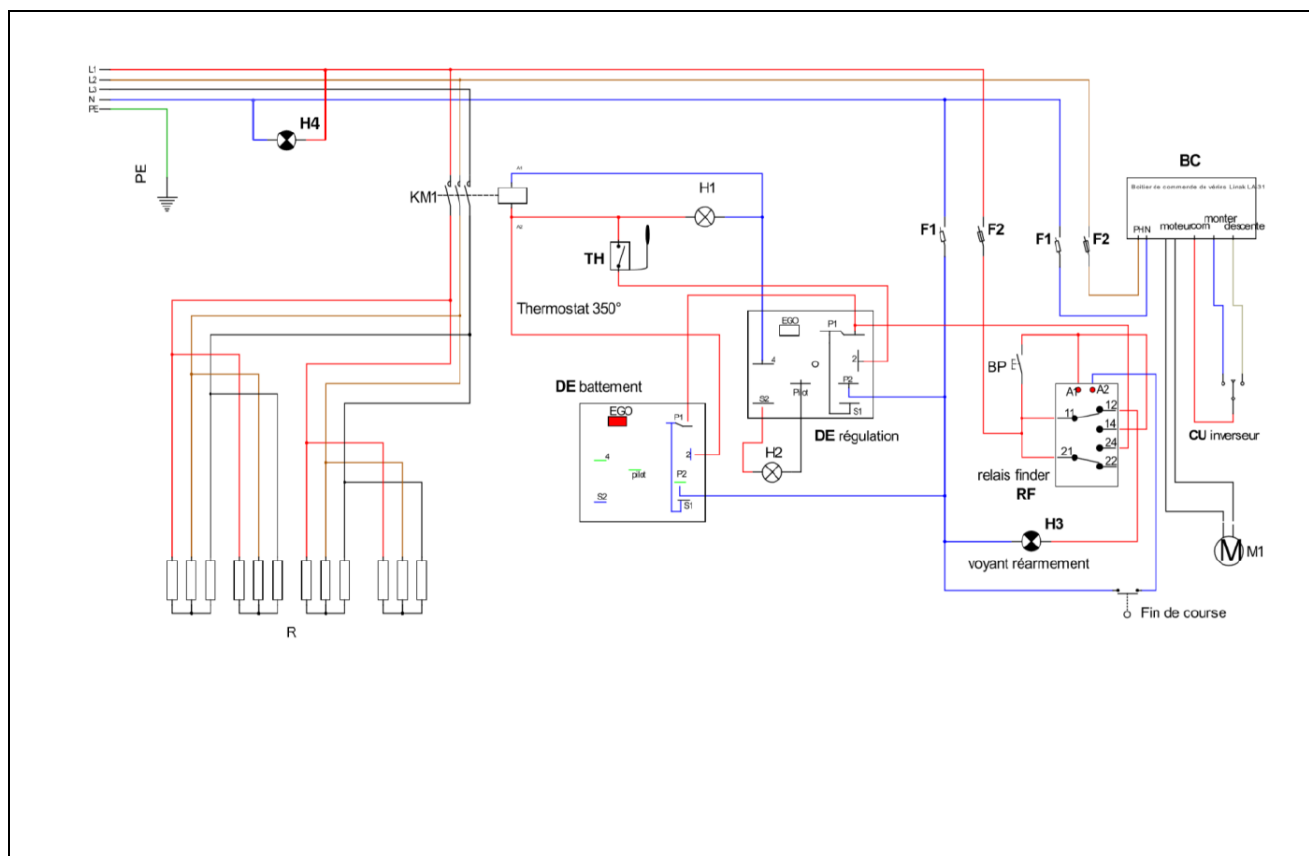
3. REPLACING THE HEATING ELEMENT



- Remove the lower cover and the central cover (Items 1 and 2)
- Remove the casing cover (Item 3)
- Tilt the tank as far as it will go
- Loosen the combs (Item 5) by unscrewing the brass nuts (Items 4 and 6)
- Return the tank to the horizontal position
- Disconnect the heating element from the bar (Item 7)
- Remove the heating element by sliding it.

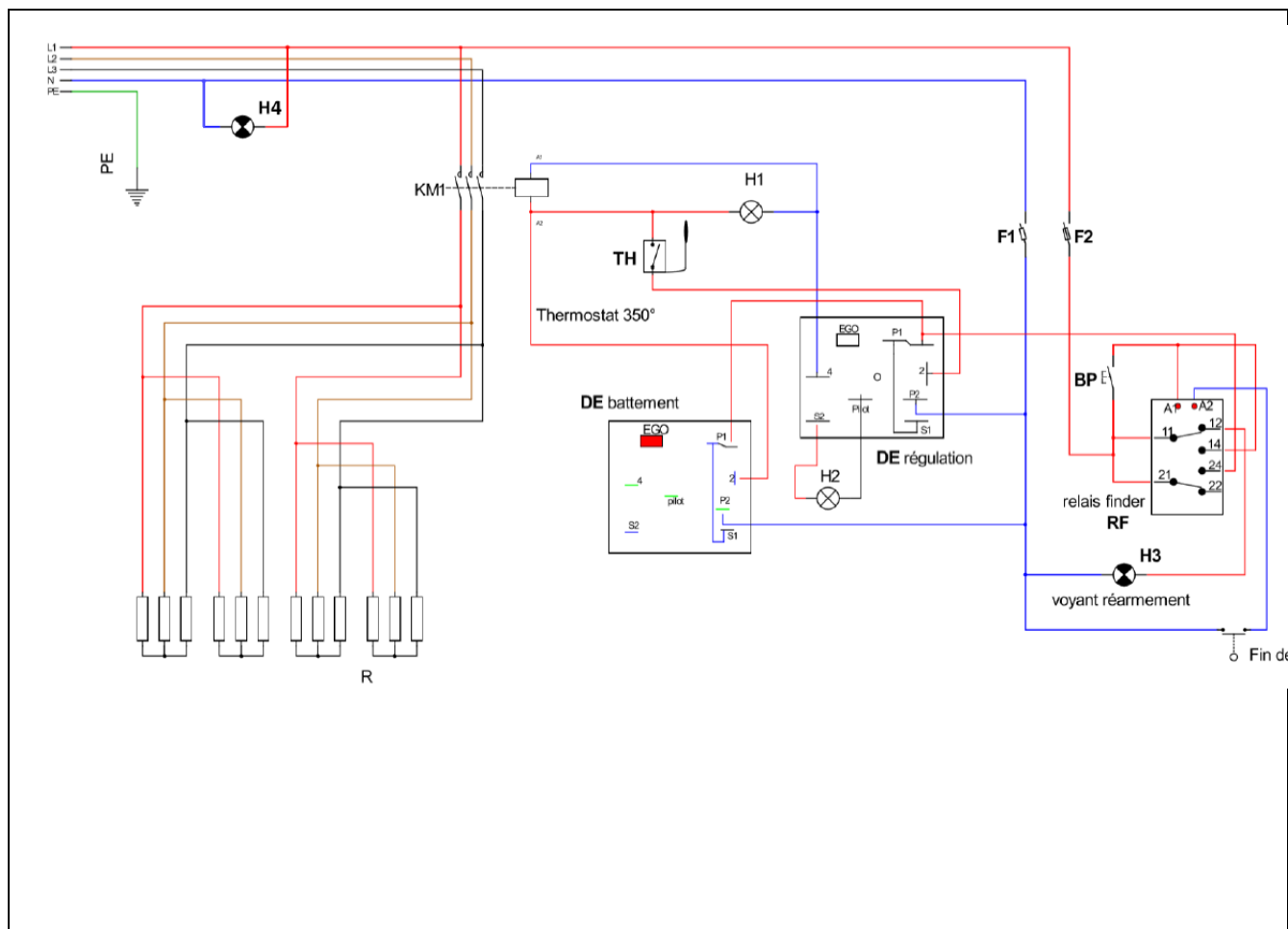
WIRING DIAGRAMS

1. WIRING DIAGRAM FOR 50DM² ELECTRIC BRATT PAN WITH TILTING BY JACK



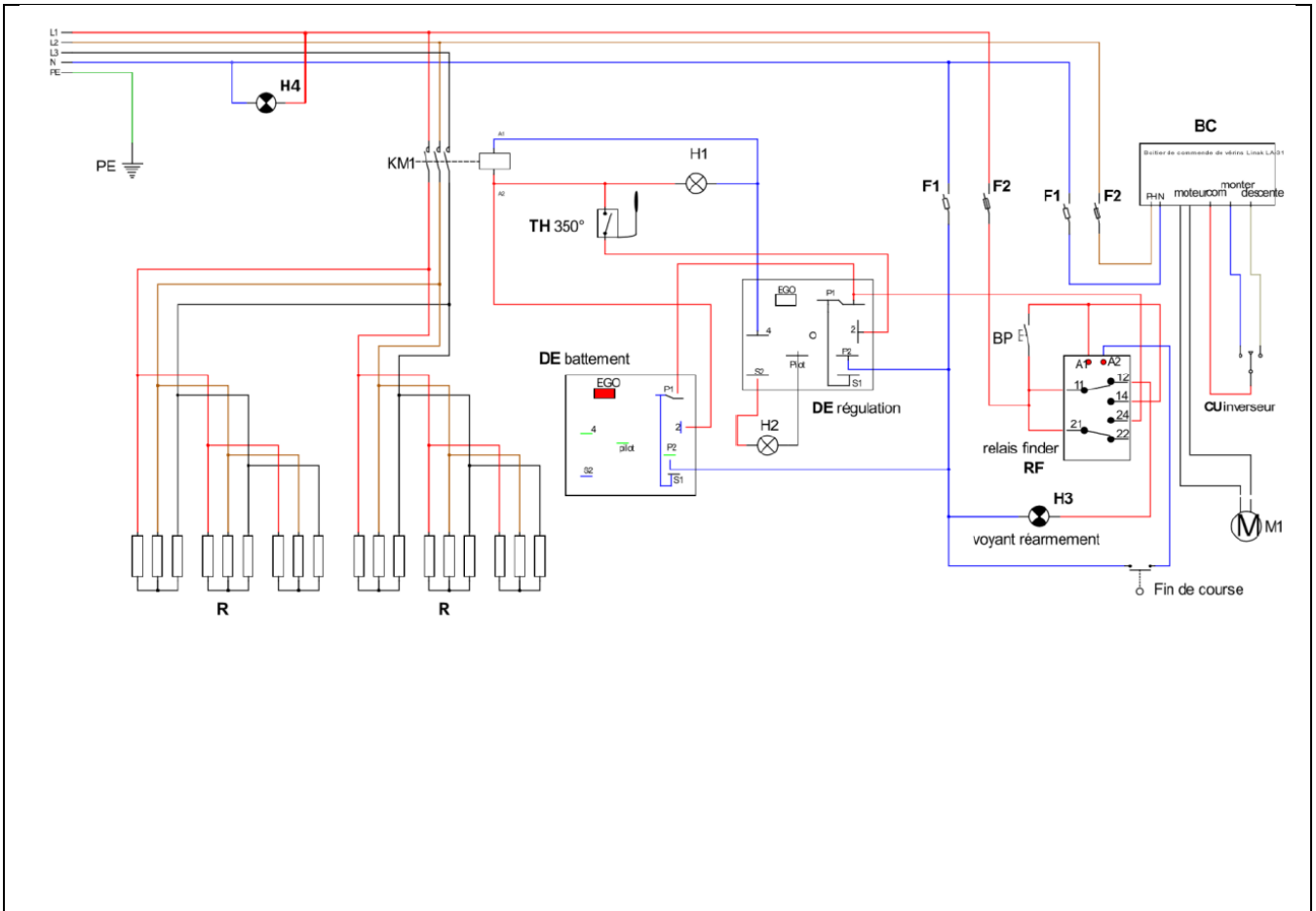
ITEM	CODE	DESCRIPTION	ITEM	CODE	DESCRIPTION
BP	ELE0018	Push button	CU	07890 A	Changeover switch
TH	01999 A	Thermostat 350°	RF	08164A-08243A	Relay and support base
KM1	505805	Contactor	M1	173930	Jack and box assembly
DE	09099 A	230v energy meter	BC		
H1	173640	Amber indicator light 230v	H3	173639	Red indicator light 230v
H2	173642	Green indicator light 230v	R	504998	Heating element
			H4	173646	White indicator light 400v

2. WIRING DIAGRAM FOR 50DM² ELECTRIC BRATT PAN WITH TILTING BY LEVER



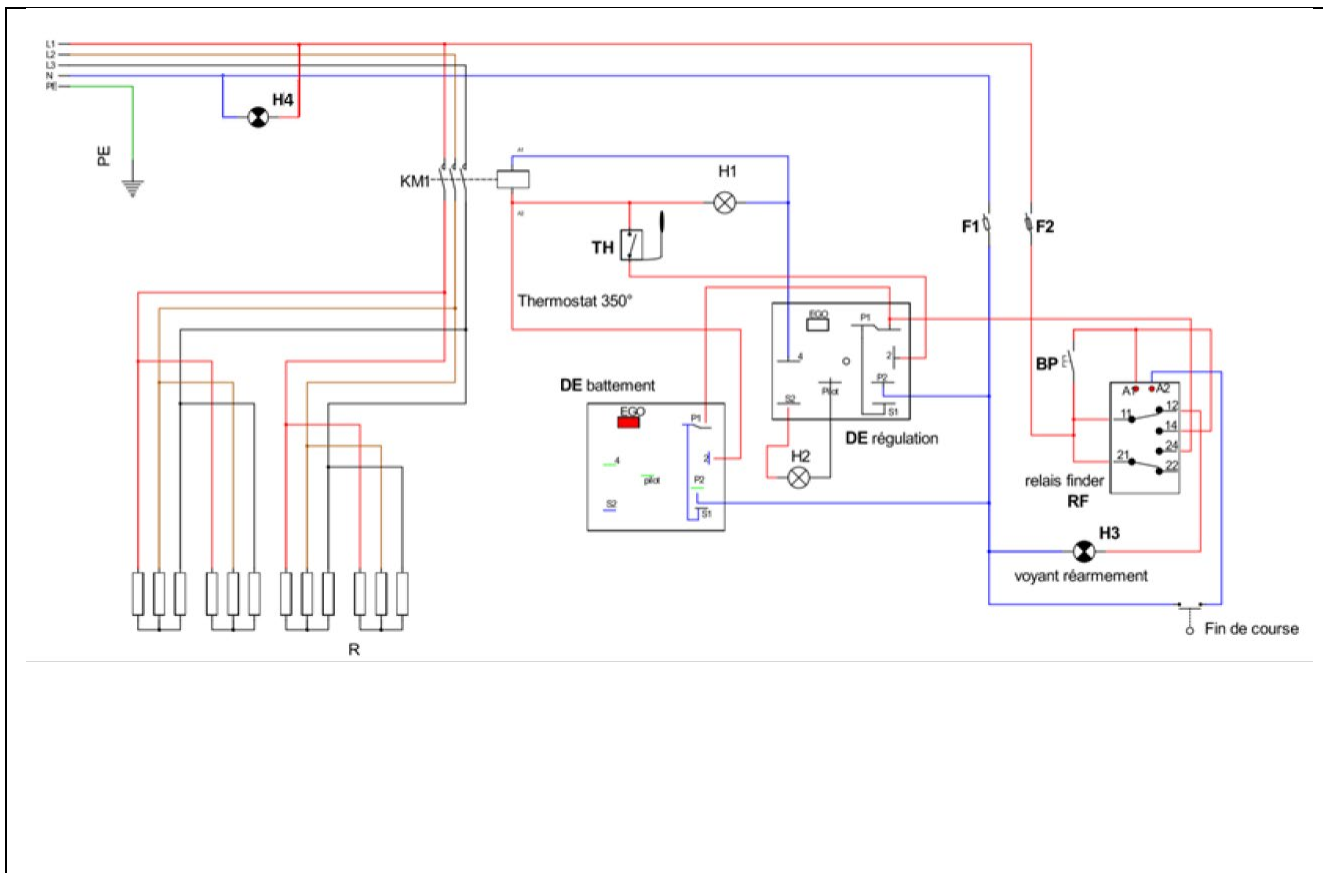
ITEM	CODE	DESCRIPTION	ITEM	CODE	DESCRIPTION
BP	ELE0018	Push button	CU	07890 A	Changeover switch
TH	01999 A	Thermostat 350°	RF	08164A-08243A	Relay and support base
H1	173640	Amber indicator light 230v	H3	173639	Red indicator light 230v
H2	173642	Green indicator light 230v	R	504998	Heating element
			H4	173646	White indicator light 400v

3. WIRING DIAGRAM FOR 80DM² ELECTRIC BRATT PAN WITH TILTING BY JACK



ITEM	CODE	DESCRIPTION	ITEM	CODE	DESCRIPTION
BP	ELE0018	Push button	CU	07890 A	Changeover switch
TH	01999 A	Thermostat 350°	RF	08164A-08243A	Relay and support base
KM1	505805	Contacteur	M1	179167	Jack and box assembly
DE	09099 A	230v energy meter	BC		
H1	173640	Amber indicator light 230v	H3	173639	Red indicator light 230v
H2	173642	Green indicator light 230v	R	504998	Heating element
			H4	173646	White indicator light 400v

4. WIRING DIAGRAM FOR 80DM² ELECTRIC BRATT PAN WITH TILTING BY LEVER



ITEM	CODE	DESCRIPTION	ITEM	CODE	DESCRIPTION
BP	ELE0018	Push button	CU	07890 A	Changeover switch
TH	01999 A	Thermostat 350°	RF	08164A-08243A	Relay and support base
H1	173640	Amber indicator light 230v	H3	173639	Red indicator light 230v
H2	173642	Green indicator light 230v	R	504998	Heating element
			H4	173646	White indicator light 400v

SPARE PARTS

Code	Description	Photo
173640	Amber indicator light 230v	
173639	Red indicator light 230v	
505805	Contacteur	
09099 A	230v energy meter	
504998	Shielded heating element 1250w	
08356 A	80dm ² bratt pan reducer	
174004	Spark plug wire	
05091 A 05092 A	Limit switch sensor and lever	
ELE0018	Push button	
08243 A	Relay 230v	
F01638	Full hinge for bratt pan	
506388	360° mixed water tap	
506389	180° mixed water tap	

Code	Description	Photo
173646	White indicator light 400v	
173642	Green indicator light 230v	
01999 A	Thermostat 50- 350°C	
02465 A	7-pole bar	
501146	Electric control knob	
08355 A	50dm ² bratt pan reducer	
179167	Electric jack kit for bratt pan manufactured before 2018	
507012	Jack only for bratt pan manufactured after 2018	
507150	Jack cable for bratt pan manufactured after 2018	
08786 A	Control box (bratt pan manufactured before and after 2018)	
02104 A	On/Off switch	
08164 A	Relay support base	
169721	Lever	
04118 A	Hinge spring	
06292 A	Gas spring	



PRO1000

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TILTING BRATT PANS

USER MANUAL



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INTRODUCTION

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3. WARRANTY



INFORMATION

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4. RESTRICTIONS ON USE



INFORMATION

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For any request for collection:

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+33 (0)1 30 57 79 14

1. WARNINGS



WARNING

This appliance is intended for professional use, and should therefore be used by qualified personnel, as intended and as instructed in this document.

Any abnormal use of this equipment could have consequences on its operation, but also on the safety of property and persons.

This appliance is equipped with several safety devices. In case of malfunction, please cut off all supplies (electricity, gas, water, etc.) and contact a qualified installer for repair.

- **Do not attempt to repair a defective appliance by yourself, in case of malfunction, please isolate the device (cut off its supplies, and limit access to the appliance to authorised persons only), pending the work by the installer.**
- **Do not use an appliance when it has gone into safe mode, do not attempt to bypass its safety device(s).**
- **Never use an appliance, especially when empty, without supervision.**
- **This equipment should be revised at least once a year by a qualified installer.**
- **Some parts of this appliance are protected by the manufacturer, in case of a fault, contact the installer for replacement or repair.**

Neither the CHARVET company nor the installation company shall be liable for damage and/or injuries resulting from improper maintenance, misuse, or unauthorised modification of this appliance.

2. CONTROL PANEL

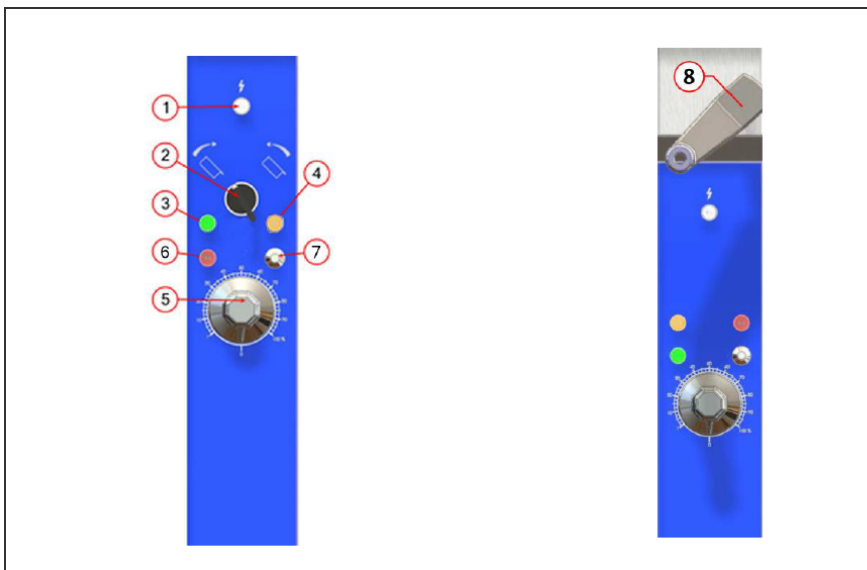


Fig. 6

Nomenclature	
Item	Description
1	'Power on' indicator light.
2	Tilting switch (tilting by jack)
3	Green 'in operation' indicator light
4	Amber 'heating' indicator light
5	Power meter
6	Red light indicating a tilting error
7	Push button for tilting reset
8	Tilting lever (manual tilting)

3. NORMAL USE

3.1. Cooking function

- With the appliance switched on, the white light is on (Fig. 6 Item 1).
- Turn the power meter control knob (Fig. 6 Item 5) to the desired power.
- The green indicator light (Fig. 6 Item 3) comes on.
- The amber indicator light (Fig. 6 Item 4) also comes on, indicating that the tank is heating up.
- This goes off when the temperature has been reached.
- When the water in the tank is boiling, position the meter at 80 or 90%.

3.2. Tank tilting function

- Depending on the model (tilting by lever or by jack), turn the lever (Fig. 6 Item 8) or the switch (Fig. 6 Item 2) to the left to tilt the tank.
- When the tank reaches the limit switch threshold, the red error indicator light (Fig. 6 Item 6) comes on to indicate the error and heating is stopped.
- To reset the heating assembly, first lower the tank (turn the lever or the switch to the right) and then press the reset push button (Fig. 6 Item 7).



MANUAL RESET OF THE ELECTRIC BRATT PAN

- When tilting the tank **you must reset your appliance.**
- This safety feature is in place to prevent the dry tank from being heated when returned to the horizontal position.

3.3. Turning the appliance off

- At the end of the day, return all control knobs to the '0' position.
- Disconnect the appliance from the electricity supply.



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DE BASCULER LA CUVE.



FULL OPENING OF THE LID PRIOR TO THE
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CLEANING & MAINTENANCE

1. WARNINGS



WARNING

Before cleaning the appliance, make sure that the parts to be handled have cooled down or equip yourself with suitable protection.

It is preferable to clean and maintain this equipment after switching it off.

The use of bleach and/or acid, even heavily diluted, is absolutely prohibited.

2. CLEANING THE OUTER SURFACES

The outer surfaces should be cleaned with a sponge dampened with soapy water (or another neutral detergent). For the top, with the appliance turned off, it is possible to use a scouring sponge if necessary on the condition that you scrub in the direction of polishing (risk of damage to the appearance of the appliance or the top). Rinse well and then dry.

3. CLEANING THE FEATURES

The outer surfaces should be cleaned using a sponge and soapy water or another neutral detergent. Use a clean, dry cloth for drying. It is also possible to clean by soaking. Care must always be taken to rinse the tank walls well to remove any remaining salt, thereby avoiding the risk of pitting the stainless steel.



**THIS APPLIANCE MUST NOT BE CLEANED BY MEANS OF WATER SPRAY, WATER JETS UNDER PRESSURE OR STEAM.
CHECK THAT THE APPLIANCE IS DISCONNECTED AT THE MAINS.**

SPARE PARTS

Code	Description	Photo
173640	Amber indicator light 230v	
173639	Red indicator light 230v	
505805	Contacteur	
09099 A	230v energy meter	
504998	Shielded heating element 1250w	
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174004	Spark plug wire	
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ELE0018	Push button	
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