



MANUAL

ROASTER WOOD/CHARCOAL CHICKEN ROTISSERIE

By ETC Group S.r.l.



**PLEASE READ ALL THE INSTRUCTIONS IN THIS MANUAL
THOROUGHLY BEFORE INSTALLING AND OPERATING THE
ROTISSERIE.**

RETAIN IT FOR FUTURE REFERENCE.

IMPORTANT

The present manual will help you use the product safely.

- Read all instructions before installing and using the equipment.
- Save these instructions.
- Keep the manual within reach for future reference.
- The pictures, technical drawings and general information in this manual might have been modified since its first edition.

When this rotisserie is not properly installed, a fire may result. To reduce risk of fire, follow the installation instructions.

Please read this manual carefully before you install the rotisserie.

Failure to follow instructions may result in property damage, body injury or death.



Since 2013

Tavullia, Italy



Our company, Etc Group S.r.l. was founded in 2013 and its main office is in RIMINI, ITALY. Since then, we have been manufacturing stainless steel constructions for restaurants and other food service establishments.

Over the past few years, we have specialized in manufacturing commercial kitchen exhaust hoods, charcoal ovens and rotisseries with great success. What led us to this success is the know-how of our experienced staff as well as our avant-garde machinery. We boast one of the most technologically advanced production lines of stainless-steel constructions in ITALY.

As a result, we manufacture high quality products, which combine modern design with functionality, with the most competitive prices.

We manufacture and offer our clients a large product line of stainless-steel commercial kitchen equipment, such as exhaust hoods, charcoal ovens, wood/gas pizza ovens, charcoal rotisseries and grills. We also offer consulting services, regarding the exhaust hood installation and the space disposal of the professional equipment in commercial kitchens.

Etc Group S.r.l. believes in continuous improvement. Our engineers are constantly developing and redesigning products so that they can respond to our customers' needs. Etc Group S.r.l. strives to construct products that are more efficient, easier to install and to maintain, making products that meet the highest standards.

Our Vision is to continue being a customer centric business which has determined our development, commercial expansion, and strategy since our foundation. Furthermore we keep providing our clients high quality products and services with the best prices.

As a result, we have established long-term and fruitful business relations with the companies we have cooperated for the past few years. We always offer to our clients the best pre-sales and after - sales support.

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1.1 BEFORE USING THE ROTISSERIE



Place the rotisserie on a hard level, non-combustible, stable surface (concrete, ground, etc.), which can support the weight of the rotisserie. Never place the rotisserie on wooden or other combustible surfaces.



The rotisserie is hot when in use. To avoid burns wear protective gloves or oven mitts.



DO NOT touch any surface of the rotisserie, as the surfaces are at high temperature.



DO NOT attempt to move the rotisserie when it is in use. Do NOT clean the rotisserie while it is still hot.



Place the rotisserie on a surface which is NOT accessible to children and pets. Close supervision is necessary when the rotisserie is in use.



Never leave burning charcoal/wood or ashes in rotisserie unattended. Before the rotisserie can be left unattended, the remaining charcoal/wood and the ashes must be removed. Do NOT pour ashes into flammable or thermo deformable buckets made from materials like plastic, rubber, wood or similar.



Store the unit in a safe and dry place. Rain or adverse weather conditions may damage the rotisserie

1.1 BEFORE USING THE ROTISSERIE



Do NOT put off the fire by throwing water in the rotisserie.



Do NOT throw the charcoal or wood into the rotisserie but place them gently.



DO NOT store lighter fluid and other flammable liquids or materials under the rotisserie. Put any flammable material at least 30 cm away from the sides or the top of the rotisserie.



DO NOT use gasoline, kerosene or alcohol to fire up the charcoal/wood. Using any of these or similar products could cause an explosion and possibly lead to severe injury.



DO NOT install this appliance in any area where it may be affected by any adverse conditions such as steam, grease, dripping water, high temperatures, or any other adverse conditions.



Respect the frequency and guidelines of maintenance and cleaning recommended by ETC Group S.r.l. in this manual.



When this equipment is not properly installed, a fire may result. To reduce risk of fire, follow the installation instructions.



ETC Group S.r.l. will not be responsible of any damages caused to people, parts or installations due to improper use or maintenance of the rotisserie.



The legislation of the country and town, where the equipment is going to be installed, must be checked since norms and regulations may ask for further safety measures than the ones exposed in this manual.

2.1 ROTISSERIE MODELS

CFW16

Capacity 36-42 chickens
Six spit rods



CFW12

Capacity 18-24 chickens
Six spit rods



AVAILABLE IN BLACK COLOR



TECHNICAL INFORMATION

| | |
|-----------------------------------|---|
| Roasting area | 6 spit rods |
| Maximum capacity | 42 chickens |
| Fire up time | 30 min average |
| Charcoal/Wood daily consumption * | Charcoal 32 – 36 kg |
| Broiling temperature | 200 °C a 300 °C |
| Maximum weight per spit rod | 10 – 12 Kg |
| Exhaust rate | 4.000 m3/h |
| Net weight | 450 kg |
| Electric connection | EU: 220 V / 50 Hz USA: 120 V / 60 Hz |

INSTALLATION

| | |
|--|--------|
| Clearance with non-flammable equipment | 100 mm |
| Clearance with flammable equipment | 300 mm |

INCLUDED ACCESSORIES

Ash pan drawer

Grease tray

Grease evacuation tap

6 roasting spit rods

30 double spit forks for chickens

18 single spit forks for chickens

Lights

Firebricks

Poker

OPTIONAL ACCESORIES

Extra roasting spit rods

Extra roasting spit forks

Cooking baskets (see Chapter 3)

*The charcoal or briquette quantity you are going to use depends on the charcoal or briquette quality.

TECHNICAL INFORMATION

| | |
|-----------------------------------|---|
| Roasting area | 6 spit rods |
| Maximum capacity | 24 chickens |
| Fire up time | 30 min average |
| Charcoal/Wood daily consumption * | Charcoal 18 – 22 Kg |
| Broiling temperature | 200 °C a 300 °C |
| Maximum weight per spit rod | 10 – 12 Kg |
| Exhaust rate | 3.000 m3/h |
| Net weight | 350 kg |
| Electric connection | EU: 220 V / 50 Hz USA: 120 V / 60 Hz |

INSTALLATION

| | |
|--|--------|
| Clearance with non-flammable equipment | 100 mm |
| Clearance with flammable equipment | 300 mm |

INCLUDED ACCESSORIES

Ash pan drawer

Grease tray

Grease evacuation tap

6 roasting spit rods

30 double spit forks for chickens

12 single spit forks for chickens

Lights

Firebricks

Poker

OPTIONAL ACCESORIES

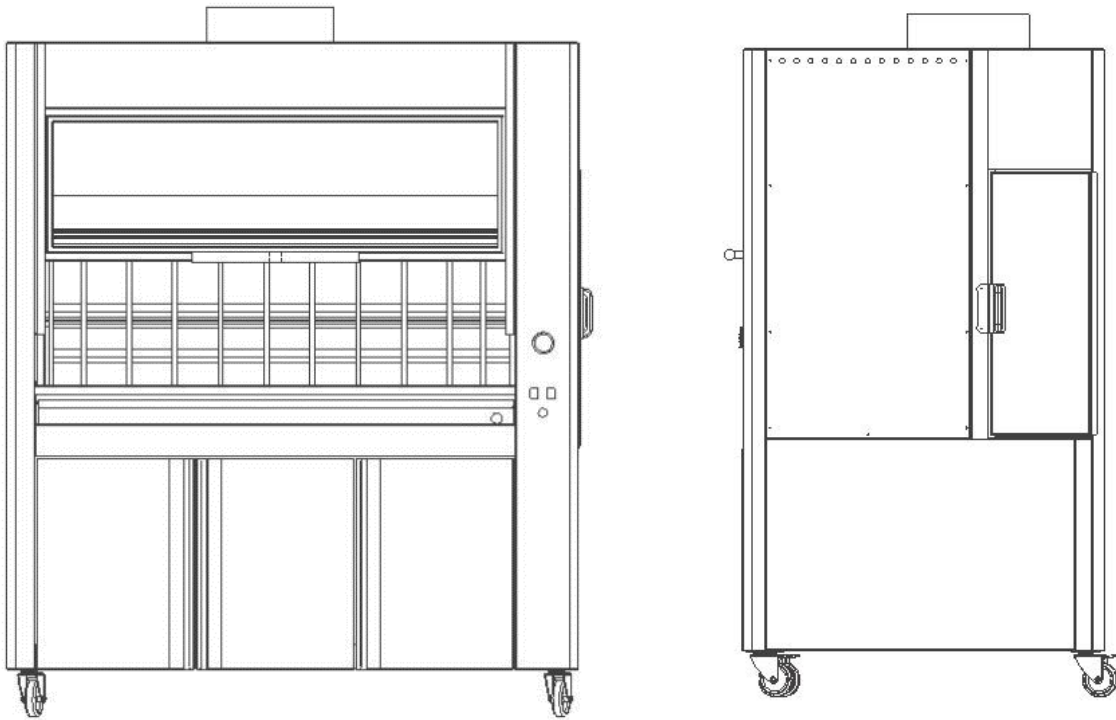
Extra roasting spit rods

Extra roasting spit forks

Cooking baskets (see Chapter 3)

*The charcoal or briquette quantity you are going to use depends on the charcoal or briquette quality.

2.4 DRAWINGS

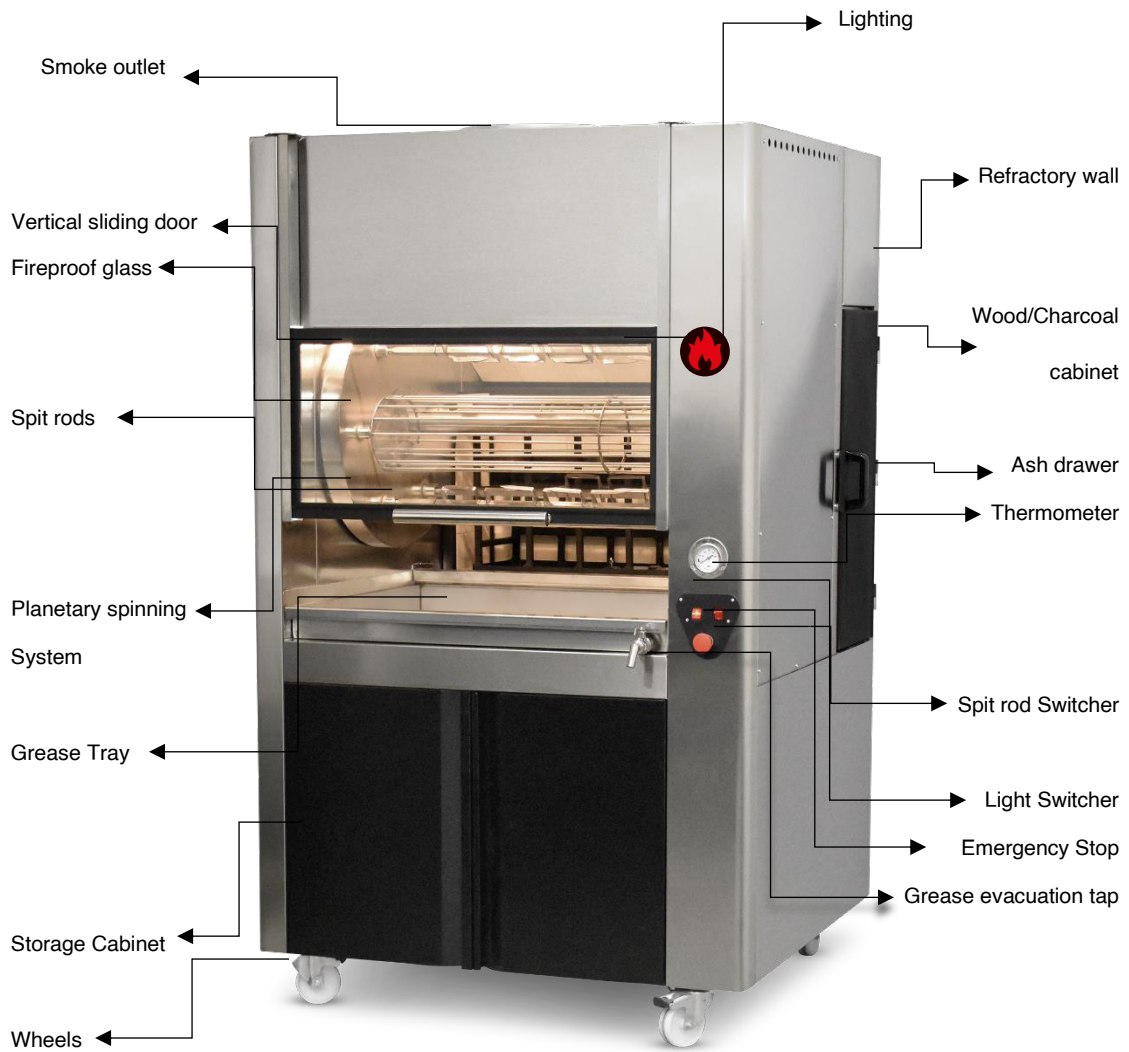


DIMENSIONS (mm):

| | X | Y | Z | Z1 | Z2 | Φ |
|-------|------|------|------|------|-----|-----|
| CFW12 | 1200 | 1050 | 1930 | 1200 | 700 | 300 |
| CFW16 | 1600 | 1050 | 1930 | 1200 | 700 | 350 |

CE






3.1 COMPONENTS










3.2 EXTERNAL COMPONENTS

| | DESCRIPTION | CODE |
|---|----------------------------|-------|
|  | Thermometer up to 500° | CT1 |
|  | Grease Evacuation Tap | CGA20 |
|  | Wheels | CGA12 |
|  | Door Handle | RDH2 |
|  | Removable Inox Grease Tray | RGT1 |

3.3 INTERNAL COMPONENTS

| | DESCRIPTION | CODE |
|---|---------------------------------|-------|
|  | Ash Pan Drawer | RAPD1 |
|  | Refractory Brick Wall | RFRW |
|  | Wood/Charcoal holder | RCWH |
|  | High temperature lamp 40Watt | CRHTL |
|  | Motor 220V/60Watt | CRMTR |

3.4 COOKING ACCESSORIES

| | DESCRIPTION | CODE |
|---|----------------------|--------------------|
|  | Rod Spit | CFWRS12 CFWRS16 |
|  | Single Spit Fork | CGA10 |
|  | Double Spit Fork | CGA11 |
|  | Cooking basket flat | CGA14 CGA14B |
|  | Double Spit | CGA15 CGA15B |
|  | Cooking basket round | CGA16 CGA16B |
|  | Poker | POK |

4.1 WARNINGS



Before fire-up the rotisserie for the first time, remember to remove all the protective film that is covering the exterior of the rotisserie.



This product may have been dispatched in more than one packages. Check that all items and accessories have been received as ordered. Keep all instructions/manuals.



Do NOT use flammable liquids to fire-up the charcoal or wood. Only use charcoal or wood as fuel for the rotisserie.



DO NOT place any obstructions that may block the access for the maintenance or the service of the rotisserie. DO NOT block the lateral and inferior part of the rotisserie, as the motor can be seriously damaged, due to limited air circulation. DO NOT modify or damage the feet or the wheels of the rotisserie.



We recommend that you always place the rotisserie under an exhaust hood.



In all the installation options, it is important to keep the components of the hood clean (see Chapter 5, Cleaning and maintenance).



The diameter of the extraction tube must be at least 300 mm for all the models.



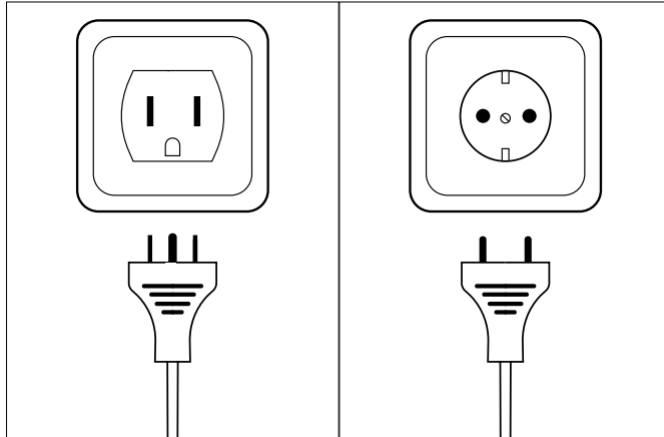
You must fire-up the rotisserie before starting roasting. All the firing-up process must be done without any accessories inside the rotisserie.



Place the rotisserie at a distance of at least 100 mm away from the wall or any other cooking appliance.

4.2 ASSEMBLY

a.

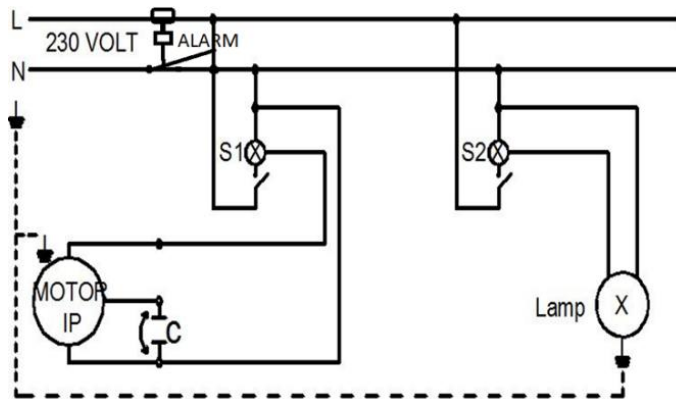


Plug the rotisserie into an outlet with the following specifications:

USA: 120V / 60Hz

EU: 220V / 50Hz

b.



Electrical Drawing:

The rotisserie must be properly grounded in accordance with the European Union Standards.

c. Turn on or off the rotisserie by pressing the ON/OFF button.

5.1 CLEANING

WARNINGS



Perform the operations when the rotisserie is cold to avoid burns.



Do NOT use chemical products to clean the rotisserie.



Do NOT pour ashes into flammable or thermo deformable recipients made from materials like plastic, rubber, wood or similar.



CAUTION! DO NOT splash water directly into the rotisserie and DO NOT use any water or any kind of liquid, as this could cause an electric shock.



Clean with a grease remover and a cloth or brush.

- It is necessary to clean spit rods and the other roasting accessories after every use.
- Remove the grease tray and wash it with a grease remover and a brush or cloth.
- Do NOT use a corrosive grease remover to clean the outside of the rotisserie or/and the inside of the cabinet below.
- Clean the door of the rotisserie with a grease remover and a cloth.
- Remove the ash drawer and clean it with a grease remover and a brush.
CAUTION! Ashes must be placed in a metal container which should be placed on a non-combustible surface or on the ground, away from combustible materials, until their final disposal.
- The grates of the fire pit should be cleaned once or twice a week with a wire brush.
CAUTION! DO NOT use water.

5.2 MAINTENANCE



Make sure that the rotisserie is cold before performing any maintenance operation.



Wear protective gloves or oven mitts.



It is forbidden to perform any modification to the equipment unless it has been approved by ETC Group S.r.l. before.



Do NOT use pieces or parts of other companies.



ETC Group S.r.l. will not be responsible of damages provoked to people, parts or installations caused by an improper use or maintenance of the rotisserie.



All inspections must be carried out by qualified personnel.

5.2.1 INSTRUCTIONS

- **Grease the gears twice a year.**

Put on protective gloves.

Switch off and plug out the rotisserie.

Unscrew the bolts laterally to have access to the rotating system.

Pull the housing gently and remove it.

Grease the gears with a special temperature grease. Then turn on the rotisserie by using the switcher and after a few seconds turn it off. Grease the part of the gears that was not accessible before.

- **Light bulb replacement.**

Put on protective gloves.

Open the rotisserie door.

Unscrew manually the fireproof glass bulb and replace the lamp inside.

Screw the fireproof glass bulb again.

- **Refractory wall – fire bricks replacement.**

Put on protective gloves.

Open the lateral door to access the charcoal/wood cabinet.

Remove the firebricks that are blocking the exit of the brick you want to change.

- **Motor replacement.**

Put on protective gloves.

Switch off and plug out the rotisserie.

Unscrew the bolts laterally to have access to the rotating system.

Pull the housing gently and remove it.

Unscrew the old motor and replace it with the new one paying attention to all the connections.

CAUTION! It is recommended that the operations be done by qualified personnel.

- **Thermometer replacement.**

Put on protective gloves.

Switch off and plug out the rotisserie.

Unscrew the bolts laterally to have access to the rotating system.

Pull the housing gently and remove it.

Unscrew the screws that hold the thermometer at the front.

Unscrew the screws that hold the thermometer wire inside.

6.1 WARRANTY

ETC Group S.r.l. guarantees ONE-year warranty from the purchase date of this product, against any defect in the materials and the components used during its fabrication.

THIS WARRANTY WILL NOT BE VALID UNDER THE FOLLOWING CIRCUMSTANCES

1. When the Buyer or the End user do not follow strictly the instructions of use in this manual.
2. When the product has been misused, damaged, or exposed to any liquid or corrosive substance or for any other faults attributable to the Buyer or End user.
4. When the product has been modified or repaired by non-qualified personnel.
5. When the fault is due to the normal wearing out of the rotisserie and its parts due to long term use.
6. When the damage is caused by liquids, chemicals or products that should not be poured inside the oven.

NOTES:

- Repair or substitution is possible only when a product was originally defective (at the time of delivery).
- The Buyer or the End user is responsible for any damage caused due to wrong or improper use.
- The Buyer should inspect the products immediately after the delivery and any complaints or arguments must be sent to our company within five (5) business days.
- The risk of loss, destruction, or damage of the product during the shipping is the Buyer's or carrier's responsibility, even if the shipping order has been given by our Company upon the Buyer's request.
- All repairs during the warranty periods of 12 months, are performed in our factory in Italy.
- The Buyer is responsible for the shipping of the products and covers exclusively the shipping cost.
- If the problem to be repaired is caused by an incorrect use or installation a charge will be applied, even if the product is in the warranty period.

No other warranty, verbal or written, different than the one expressed here will be accepted by ETC Group S.r.l.



CHARCOAL OVENS & GRILLS

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