

# Etna 5T Etna 7T

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## Instruction Book



Lacunza congratulates you on your choice.  
Certified under ISO 9001, Lacunza guarantees the quality of its appliances and undertakes to meet the needs of its customers.

Confident of the know-how afforded by more than 50 years' experience, Lacunza uses advanced technologies in the design and manufacture of its entire range of appliances. This document will help you install and use your appliance in optimum conditions for your comfort and safety.

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## 1. PRESENTATION OF THE APPLIANCE

For optimum operation of the appliance, we advise you to read this manual carefully before switching on the appliance for the first time. In case of problems or concerns, we urge you to contact your dealer, who will cooperate with you.

In order to improve the product, the manufacturer reserves the right to make changes without notice by updating this document.

This appliance is designed to burn wood in absolutely safe conditions.

**WARNING:** Faulty installation may have serious consequences.

Installation and all necessary regular maintenance operations must be performed by an authorized installer in full accordance with the specifications set out in the legislation applicable in each country and this instruction book.

### 1.1. General characteristics

		Unit	Etna 5T	Etna 7T
	Operating appliance	-	Intermittent	Intermittent
	Appliance classification	-	Type BE	Type BE
	Preferred fuel	-	Wood logs (Humidity<25%)	Wood logs (Humidity<25%)
	Indirect heating functionality	-	NO	NO
Values at Nominal Output	Nominal output to atmosphere (Direct) (P <sub>nom</sub> )	kW	8	9
	Efficiency at P <sub>nom</sub> (η <sub>nom</sub> )	%	81.5	77
	CO emission at 13% O <sub>2</sub> at P <sub>nom</sub> (CO <sub>nom</sub> )	mg/m <sup>3</sup>	1250	1250
	NO <sub>x</sub> emission at 13% O <sub>2</sub> at P <sub>nom</sub> (NO <sub>xnom</sub> )	mg/m <sup>3</sup>	83	109
	OGC emission at 13% O <sub>2</sub> at P <sub>nom</sub> (OGC <sub>nom</sub> )	mg/m <sup>3</sup>	65	92
	PM emission at 13% O <sub>2</sub> at P <sub>nom</sub> (PM <sub>nom</sub> )	mg/m <sup>3</sup>	10	36
	Optimum flue draught at P <sub>nom</sub> (p <sub>nom</sub> )	Pa	12	12
	Gas temperature of flue at P <sub>nom</sub> (T <sub>nom</sub> )	°C	268	237
	Gas temperature on the flue socket flange at P <sub>nom</sub>	°C	322	287
	Log load frequency at P <sub>nom</sub>	h	1	1
	Gas mass flow at P <sub>nom</sub>	g/s	8.1	10.7
	Wood consumption (beech) at P <sub>nom</sub>	kg/h	2.1	2.6
	Chimney temperature class	-	T400	T400
	Dimensions of the firebox			
	Width	mm	270	270
	Depth	mm	520	520
	Useful height	mm	275	275
	Maximum length of the logs	cm	50	50
	Volume heated (45W/m³) at P <sub>nom</sub>	m³	178	200
	Useful dimensions of the oven			

Width	mm	295	432
Depth	mm	400	380
Useful height	mm	390	390
Capacity of the ashpit	L	8	8
Weight	kg	235	250
Flue socket diameter (d <sub>out</sub> )	mm	150	150
Type of heat output/room temperature control	Single stage heat output, no room temperature control		
Energy efficiency class	-	A+	A
Energy efficiency index (EEI)	-	109	103
Seasonal Energy Efficiency of space heating ( $\eta_s$ )	%	73	68

**Note:** The values indicated in the above table are based on tests performed in accordance with UNE-EN 12815 with logs with no more than 18% humidity and pressure conditions as indicated in each case.

**Warning:** this appliance is designed and prepared to work with the types of fuel, degree of humidity of the fuel, fuel loads, fuel load frequencies, flue draught and system of installation indicated in this Instruction Book. Failure to respect these conditions may lead to problems with the appliance (deterioration, shorter useful life, etc.) which are not covered by the Lacunza warranty.

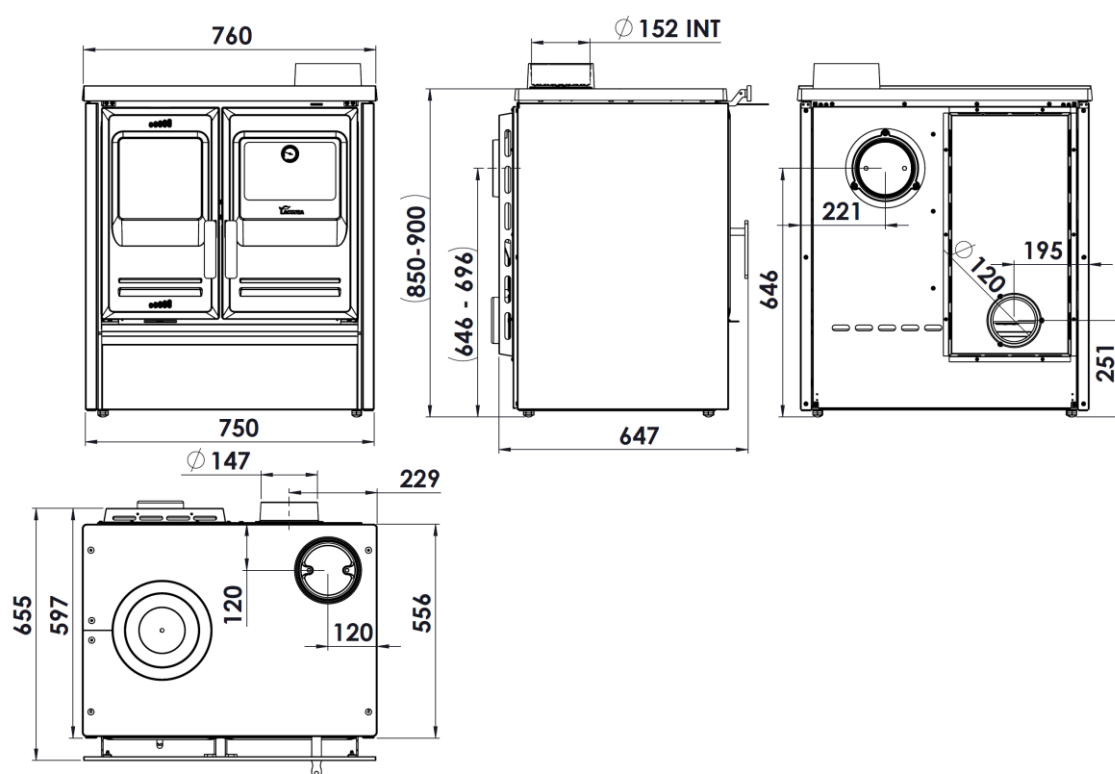


Figure No.1 - Dimensions of the ETNA 5T Salida SUP y TRASERA appliance in mm

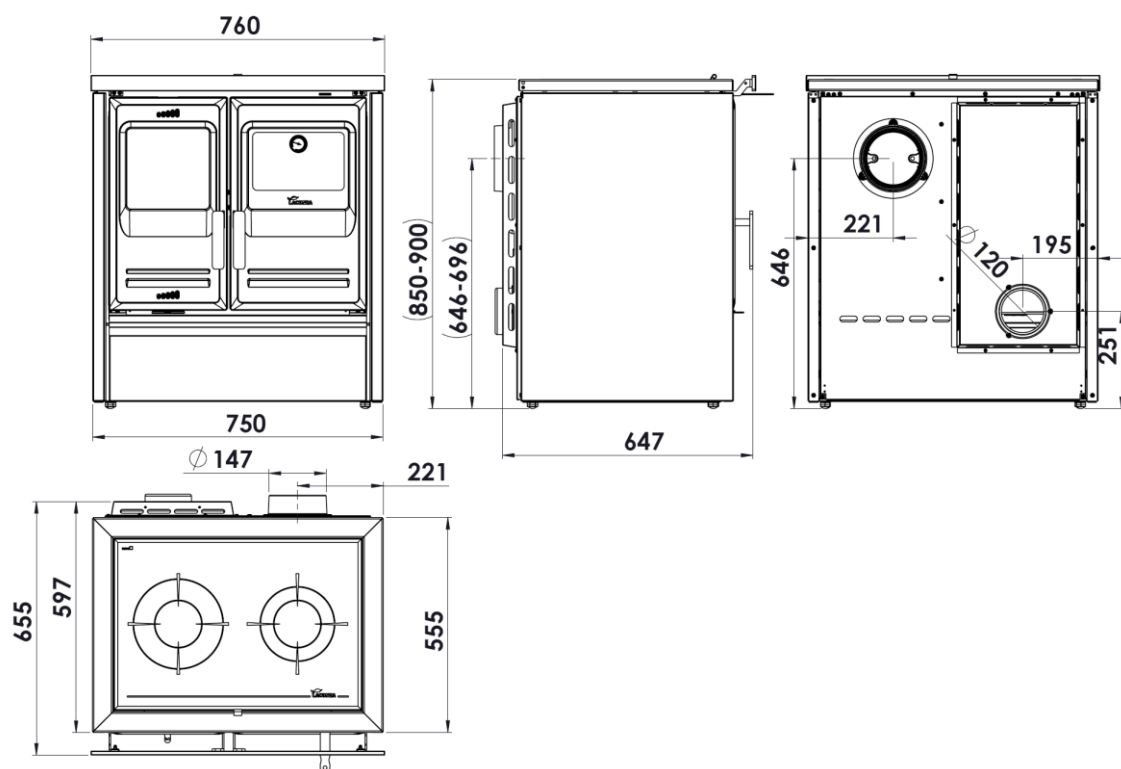


Figure No.2 - Dimensions of the ETNA 5T TOP appliance in mm

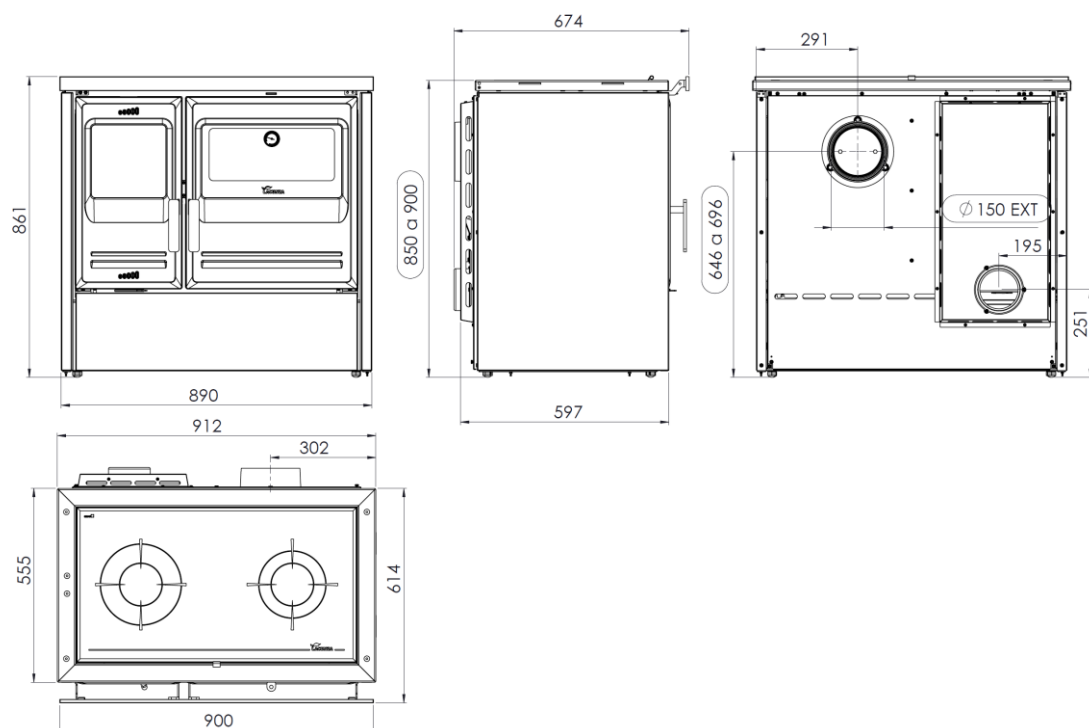


Figure No.3 - Dimensions of the ETNA 7T TOP SALIDA TRASERA appliance in mm





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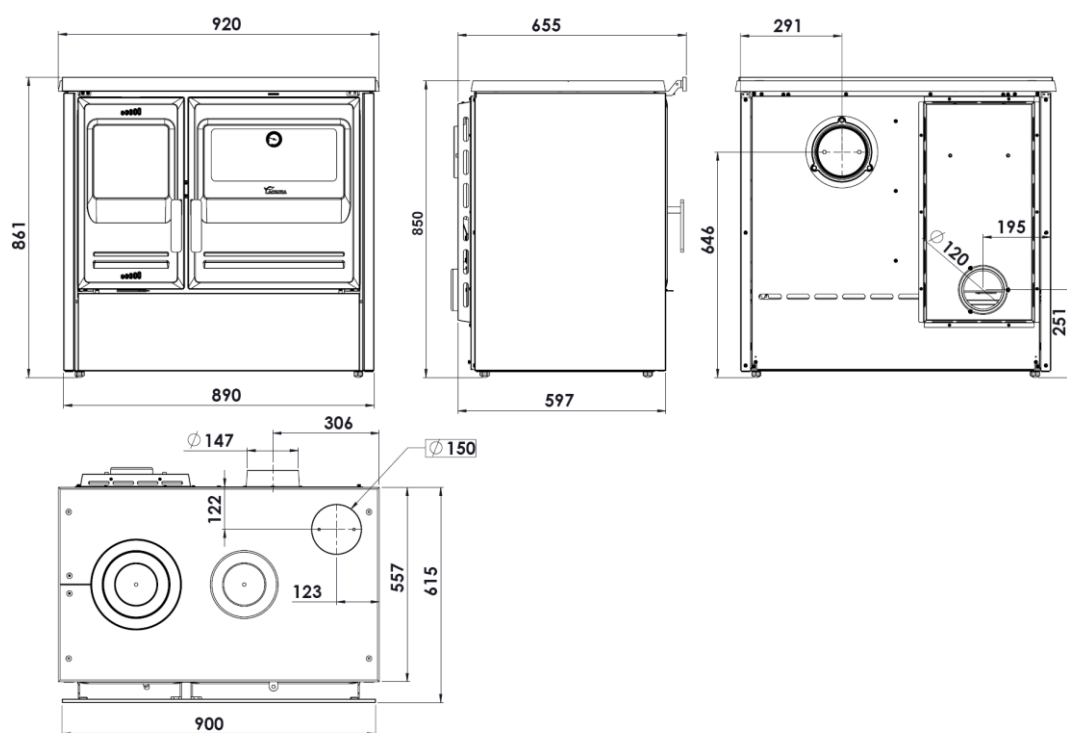


Figure No.4 - Dimensions of the ETNA 7T SALIDA SUP Y TRASERA appliance in mm

## 2. INSTRUCTIONS FOR THE INSTALLER

### 2.1. Warning to installers

All local and national regulations, including all those referring to national and European standards, must be observed when installing the appliance.

Installation of the appliance must be performed by an authorised installer.

An incorrectly installed appliance may lead to serious incidents (fires, creation of harmful gases, deterioration of nearby fixtures, etc.).

Lacunza's liability is limited to the supply of the material and does not include installation of the appliance.

### 2.2. Room for installation

#### 2.2.1. Ventilation of the room

The appliance needs to consume oxygen (air) in order to work properly. Ensure a suitable air supply in the room in which the appliance is fitted. This quantity of oxygen is additional to the oxygen that we need in order to breathe (air renewal).

In order to ensure the high quality of the air you breathe and to avoid potential accidents resulting from high concentrations of the gases produced by combustion (mainly carbon dioxide and carbon monoxide), it is absolutely crucial to ensure the suitable renewal of the air in the room in which the appliance is fitted.

The room must always have at least two permanent grilles or openings to the exterior in order to renew the air (one for intake and the other for extraction).

For the installation of its appliances, Lacunza recommends an additional section for these openings. One of these two grilles must be situated high up in the room (at less than 30 cm from the ceiling) and the other one low down (at less than 30 cm from the floor). Both grilles must open outdoors in order to renew the air in the room with fresh air.

The air inlet grilles must be positioned so that they cannot be blocked or closed accidentally.

The minimum section that each of these grilles must have depends on the nominal output of the appliance in accordance with the following table:

Output of the appliance (kW)	Minimum additional section of each of the grilles (cm <sup>2</sup> )
$P \leq 10\text{kW}$	70
$10 < P \leq 15$	90
$15 < P \leq 20$	120
$20 < P \leq 25$	150
$25 < P \leq 30$	180
$30 < P \leq 35$	210
$P > 35$	240

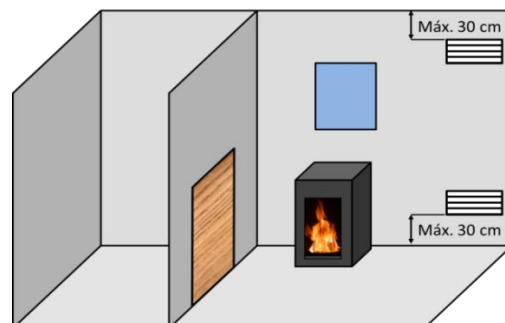


Figure No.5 - Guideline indications for ventilation grilles

The appliance must always be used with the door(s) closed.

In rooms equipped with Controlled Mechanical Ventilation, the system extracts and renews the ambient air; in such cases, the room is at slightly low pressure and it is necessary to install a non-closable outside-air inlet with a section of at least 90 cm<sup>2</sup>.

### 2.2.2. Location of the appliance in the room

Choose a location in the room which favours good hot-air distribution by convection and radiation.

## 2.3. Installation of the appliance

### 2.3.1. Floor

Make sure that the base can withstand the total constructed weight of the appliance and its casing.

The apparatus should not be placed on combustible material.

### 2.3.2. Safety distances

Be sure to respect the appliance installation distances from **combustible materials**. Looking at the appliance head-on:

	Distance to combustible materials (mm)	
	<i>ETNA 5T</i>	<i>ETNA 7T</i>
From the right-hand side	400	400
From the left-hand side	400	500
From the rear	500	350
From the front	1200	1200
From the top surface	750	550

Bear in mind that it may even be necessary to protect non-combustible material in order to prevent breakage, deformation, etc., as a result of overheating if the non-combustible material is not designed to withstand high temperatures.

### 2.3.3. Checks before lighting for the first time

- Make sure that the glass/es is/are not broken or damaged.
- Make sure that the flueway is not obstructed with packing or loose parts.
- Make sure that the airtight joints on the flue circuit are in perfect condition.
- Make sure that the doors close properly.
- Make sure that all moving parts are fitted in place.

### 2.3.4. Height adjustment and levelling the appliance

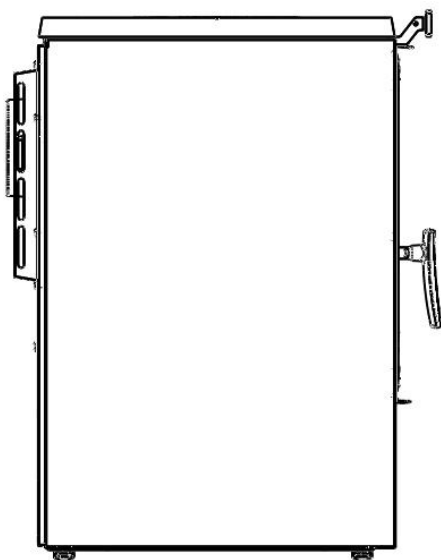
The appliance must be perfectly level, horizontally and vertically, both at the front and on the sides (use a spirit level).

The appliance has adjustable legs with which to adjust its height.

The legs can be adjusted using a 19mm spanner.

The height should be adjusted before placing the stove in its final position.

Warning: Be careful when moving or dragging the stove over the floor. It may scratch the floor if not moved carefully.



*Figure No.6 - Legs with which to height-adjust the appliance*

### 2.3.5. Casing

Make sure that the material around the appliance is not flammable or likely to deteriorate as a result of heat (wallpaper, carpet, plastic-based casing, Silestone, etc.).

If the top surface is surrounded by building material (marble, brick, etc.) as part of the kitchen stove installation process, leave a gap of at least 4mm to allow the top surface to dilate.

### 2.3.6. Connection to the flue

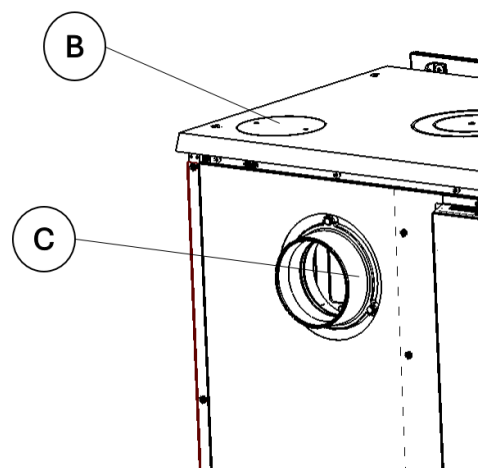
The appliance must be connected to the chimney flue using special piping designed to resist the products of combustion (e.g. stainless steel, enamelled steel, etc.).

To connect the flue to the socket flange, insert the piping inside the flange and seal the joint with fire sealant or fire cement to make it completely airtight.

The installer must ensure that the pipe connected to the appliance is well secured and there is no chance of it coming free from its housing (e.g. as a result of dilatation due to temperature, etc.).

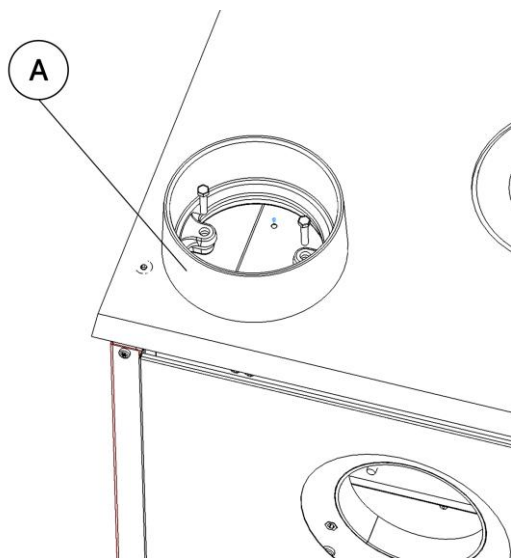
If you have a cast-iron top surface with a flue socket on top, the flue can be fitted either on top or at the rear of the appliance.

To install the upper smoke outlet, we must first release the cast iron cover **B** and the rear smoke outlet flange **C**



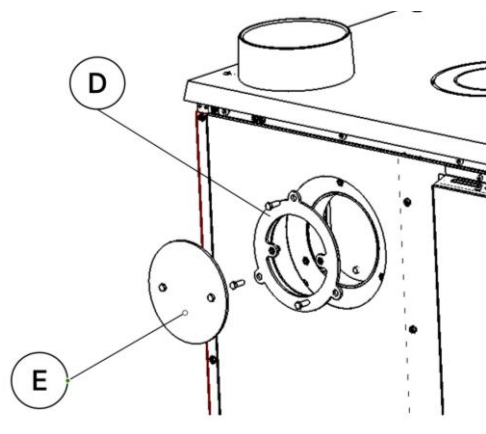
*Figure No.7 - Initial situation. We release the indicated pieces.*

Next, we place the upper smoke outlet flange **A** on the countertop and secure it with two screws.

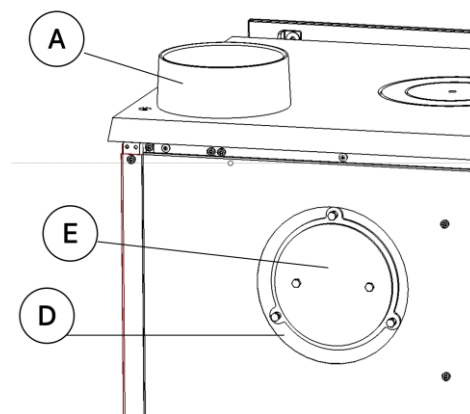


*Figure No.8 - We place the upper smoke outlet flange.*

Finally, we need to cover the hole in the rear. First, we secure the adapter cover **D** with three screws and three nuts, and then screw cover **E** over it.



*Figure No.9 - We place the adapter and the cover*



*Figure No.10 - Final situation, suitable for upper smoke outlet.*

### **2.3.7. Preparing the outside air connection**

On this model, it is possible to pipe air to the appliance for combustion straight from outdoors. We recommend that, if possible, air be drawn from outdoors for combustion via a non-closable pipe with a diameter of 80mm leading to the nozzle on the bottom-front of the appliance.

If the tube is straight, it can have a maximum of 12 meters in length. If you use accessories like elbows, you must subtract the total length (12 meters) 1 meter for each accessory used.

This is the best option because it means that draughts are not created in and oxygen is not consumed from the room in which the appliance is fitted. A further advantage is that there is no danger of downdraught which may hinder the correct updraught of the appliance when an extractor or mechanical ventilation appliance is used in the same room as the central-heating appliance or in another one alongside it.

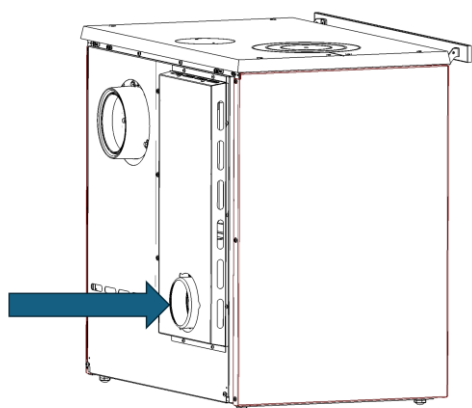


Figure No.11 - Air conduction for the combustion chamber

If this is not possible, ensure that the appliance receives air for combustion.

#### Outside air connection via the wall

1. Make an opening in the wall (see the measurements of the appliance on the section 1.1 to see the exact position of the hole).
2. Close the air connection hermetically to the wall.

## 2.4. Chimney flue

The chimney flue must comply with present standards on the installation of chimneys.

In rooms equipped with Controlled Mechanical Ventilation, the ventilation outlet must never be connected to the flue.

The appliance must always have its own chimney flue, never sharing a chimney flue with another appliance.

### 2.4.1. Type of flue

The flue must be made of special material designed to resist the products of combustion (e.g. stainless steel, enamelled steel, etc.).

Non-central-heating appliances (without back boiler) require an insulated, double-sleeve flue only on those sections that run outdoors or through cold areas. Single piping can be used inside the building, the heat of the gases serving to heat rooms, insulating only those sections where excess temperature may cause damage.

If the chimney is constructed, then it is necessary to pipe and insulate it to ensure correct updraught.

The diameter of the pipe must be the same as the diameter of the flue socket on the appliance over its entire length in order to ensure correct operation.

The flue must prevent the entry of rainwater.

The flue must be clean and airtight over its entire length.

The flue must be at least 6m tall and the chimney cap must not hinder the free release of gases.

If the flue tends to suffer from downdraught, then it is necessary to fit an effective anti-downdraught cowl, a static cowl or a smoke extraction fan, or reshape the chimney.

Never make 90° bends, except the one on kitchen-stove outlets, due to the great loss of draught they cause, and reduce 45° bends down to an absolute minimum. Each 45° bend is equivalent to a 0.5m reduction in flue length. Horizontal flue sections should not be installed because they cut updraught a great deal.

The appliance is designed to operate under controlled draught conditions. The appliance must operate at a chimney draught of between 12Pa and 15Pa. To ensure this draught, an automatic draught moderator must be installed in the flue. Uncontrolled draught operation can lead to quick damage of the appliance, which will not be covered by the warranty.

The flue must not rest its weight on the appliance, as this could damage the worktop.

Bear in mind that high temperatures may be reached in the flue, meaning that it is essential that insulation be enhanced in sections in which combustible material is present (wooden beams, furniture, etc.). It may even be necessary to protect non-combustible material in order to prevent breakage, deformation, etc., as a result of overheating if the material is not designed to withstand high temperatures.

It must be possible to clean the entire flue, no sections being left inaccessible for cleaning purposes.

#### 2.4.2. Chimney crown

The upper end of the chimney must clear the roof, the roof ridge or any obstacle located on the roof by at least 1m.

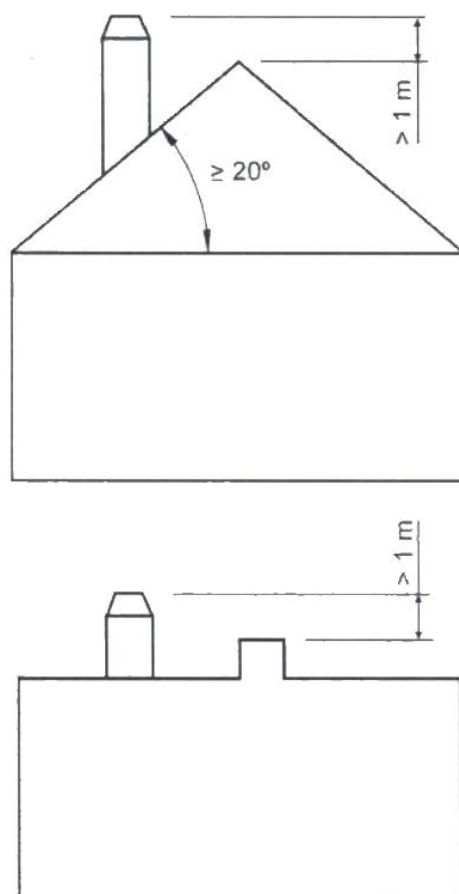
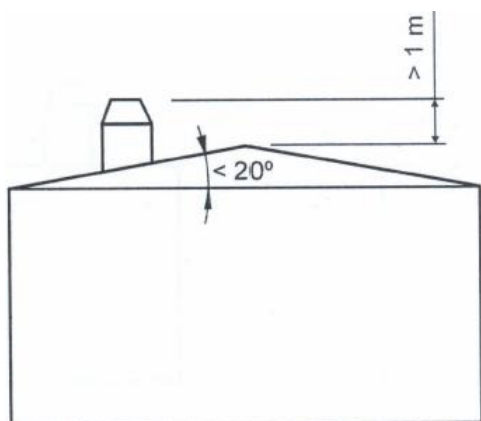
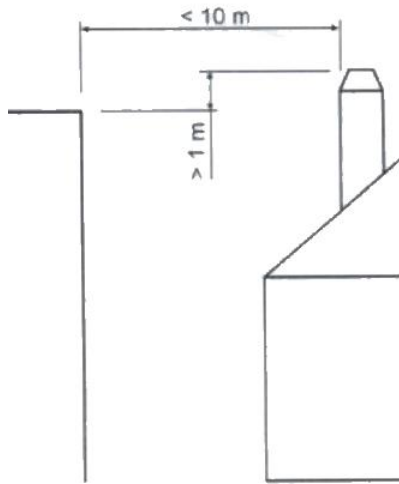
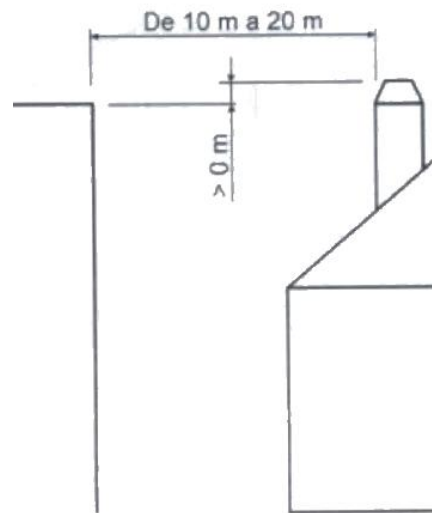


Figure No.12 - Distances between chimney crown and roof ridge

The chimney crown must clear the highest point of any neighbouring building or obstacle located within a 10m radius of the chimney outlet by more than 1m.



*Figure No.13 - Distances between the chimney crown and objects within a 10m radius*



*Figure No.14 - Distances between the chimney crown and objects within a radius of between 10 and 20m*

The chimney crown must clear any neighbouring building or obstacle located within a radius of 10m to 20m from the chimney outlet.



### 3. INSTRUCTIONS OF USE

The manufacturer accepts no liability whatsoever for damage caused to parts as a result of the improper use of non-recommended fuels, modifications made to the appliance or how it is installed.  
**Only use original replacement parts.**

All local and national regulations, including those referring to national and European standards, must be observed when using the appliance.

Heat is diffused by radiation and convection via the front and exterior of the appliance.

#### 3.1. Fuel

This appliance must not be used as an incinerator. Do not use non-recommended fuels.

- Use dry logs (max. 16% humidity), cut at least 2 years ago, clean of resin and stored in a sheltered, ventilated place.
- Use hard woods with high calorie values and good ember production.
- Large logs should be cut to useable lengths before being stored. The logs should have a maximum diameter of 150mm.
- Finely-chopped wood produces greater heat output, but also burns more quickly.

Optimum fuels:

- Beech.

Other fuels:

- Oak, chestnut, ash, maple, birch, elm, etc.

- Pine and eucalyptus logs are low density and produce very long flames, and may cause the parts of the appliance to wear out more quickly than normal.

- Resinous wood may mean that the appliance and the flue need to be cleaned more often.

Non-permitted fuels:

- All types of coal and liquid fuel.
- “Green wood”. Green or damp wood reduces the performance of the appliance and leads to soot and tar build-up on the inner walls of the flue, obstructing it.
- “Recovered wood”. The burning of treated woods (railway sleepers, telegraph posts, plywood, fibreboard, pallets, etc.) quickly blocks the system (soot and tar build-up), harms the environment (pollution, smells) and may lead to deformation of the firebox due to overheating.
- All materials which are not wood (plastic, spray cans, etc.).
- Never use gasoline, gasoline-type lamp fuel, paraffin, charcoal lighter fluid, ethyl alcohol or similar liquids to ignite or rekindle a fire in the equipment. Keep all such liquids away from the equipment while it is in use.

Green and reprocessed wood may cause chimney fires.

The graph below shows how the humidity of firewood affects its heat output:

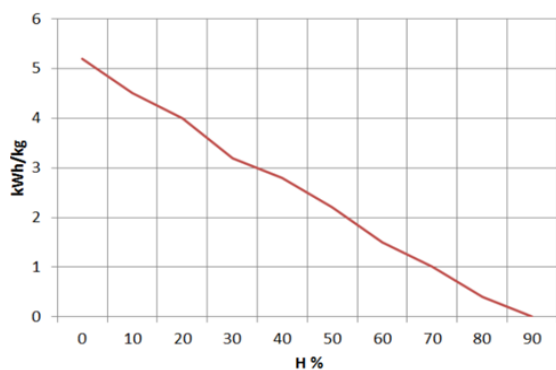
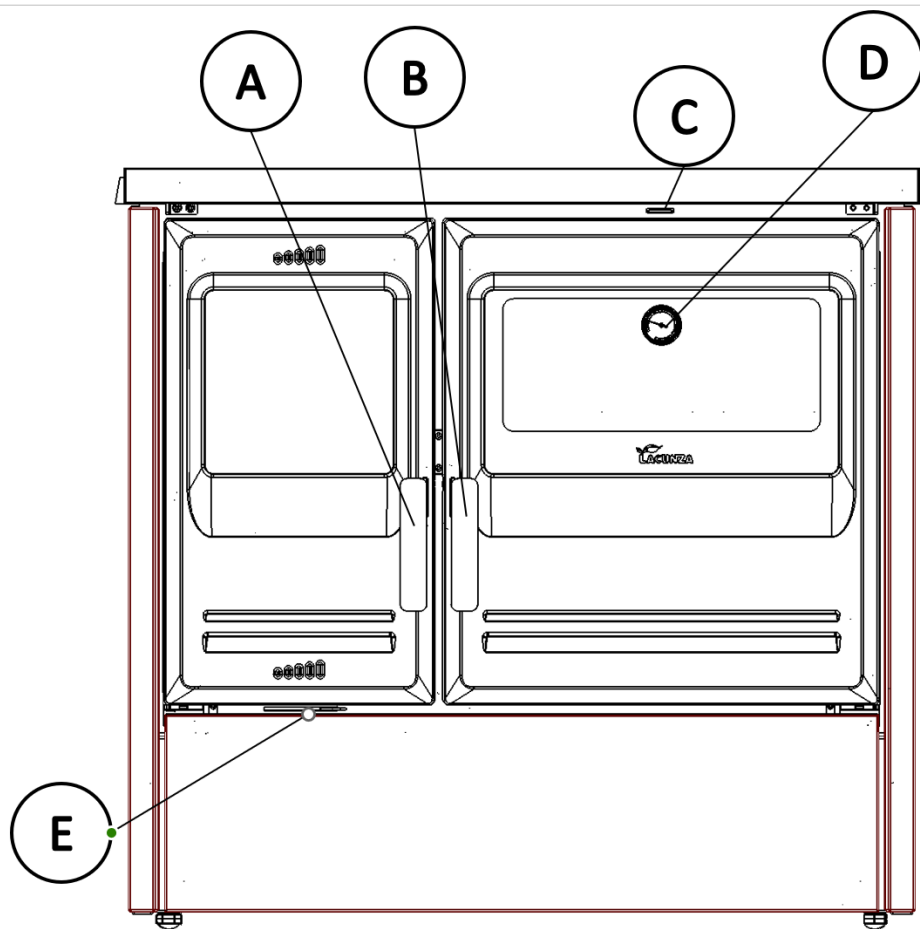


Figure No.15 - Relationship between firewood humidity and heat output.

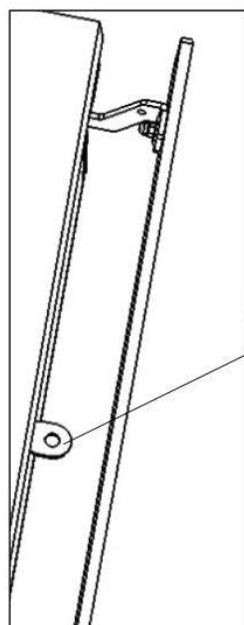
## 3.2. Description of the parts of the appliance

### 3.2.1. Operating components

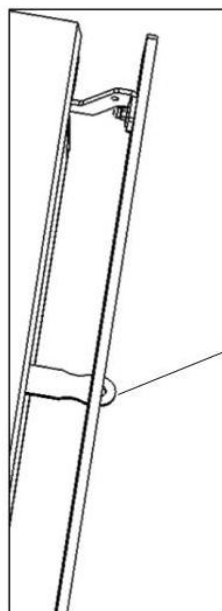




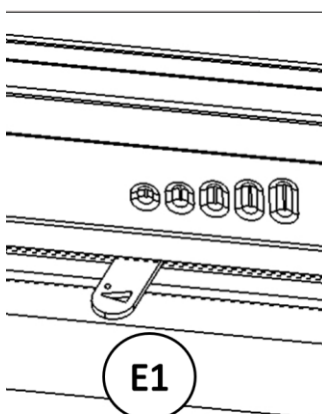
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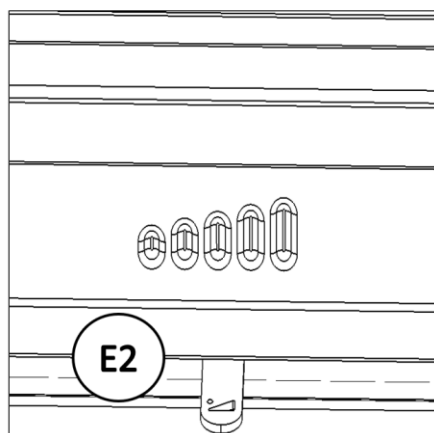
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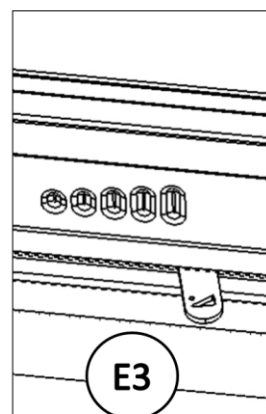
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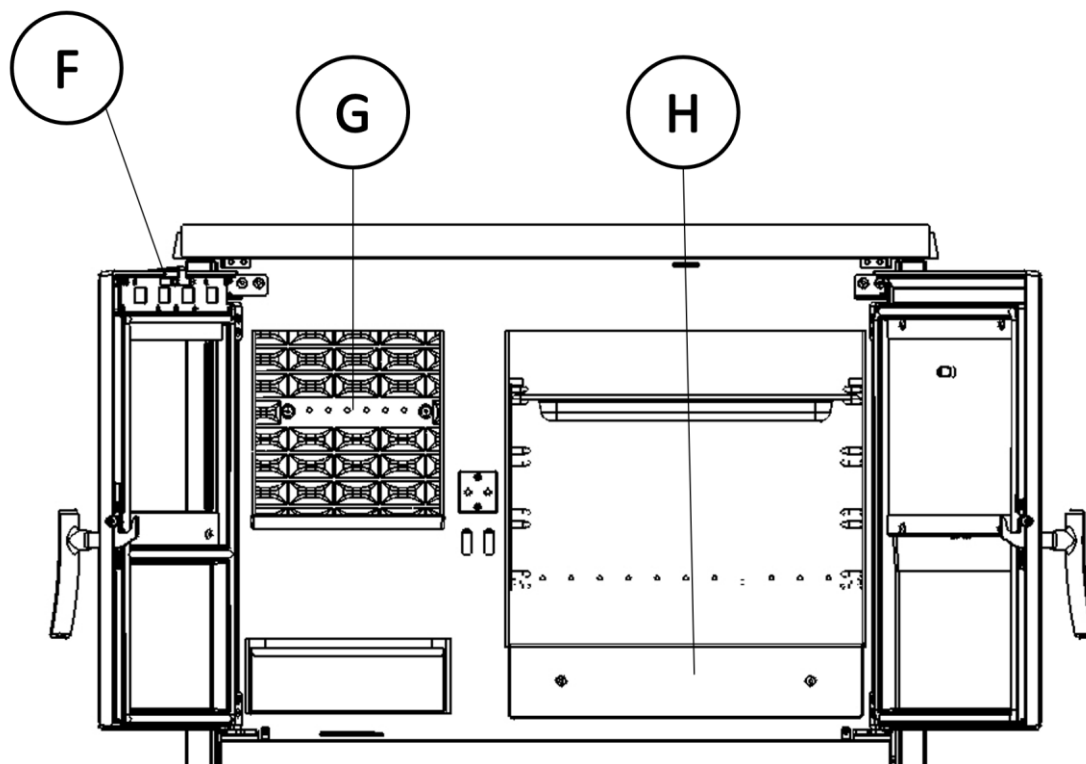
E1



E2



E3



*Figure No.16 - Operating components on the appliance*

- A: Firebox door handle
- B: Oven door handle
- C: Direct draught rod
  - C1 closed
  - C2 open
- D: Oven thermometer
- E: Primary air intake
  - E1 closed (turn anti-clockwise)
  - E2 closed
  - E3 open (turn clockwise)
- F: Secondary air intake
  - E1 closed
  - E2 semiopen
  - E3 open
- G: Double-combustion air intake
  - E1 open
  - E2 open
  - E3 open
- H: Cleaning hatch

### 3.2.2. Drawers

The kitchen stove may come with drawers at the bottom. **Never place combustible material in these drawers.**

### 3.3. Lighting

Use of the appliance in warm weather (warm days, early hours of the afternoon on sunny days) may lead to lighting and updraught problems.

Certain weather conditions, such as fog, ice, humidity entering the flue, etc., may hinder sufficient updraught in the flue and lead to suffocation.

Proceed as follows in order to light the appliance satisfactorily:

- Open the firebox door(s) and open all the firebox air-intake inlets to the full.
- Open the direct draught rod for about 15 minutes until the chimney flue warms up.
- Place paper or a firelighter and some wood chips in the firebox.
- Light the paper or firelighter.
- Leave the door slightly ajar, the width of two or three fingers, for about 15 minutes until the glass warms up.

- The first time the appliance is lit, the fire should be gentle to allow the parts of the appliance to dilate and dry.

**Important:** The first time it is lit up, the appliance may give off smoke and strange smells. This is not a cause for concern. Open an outdoor window to ventilate the room during the first few hours of operation.

If you notice water around the appliance, this is produced by the condensation of the moisture in the wood on lighting the fire. This condensation will no longer appear when the appliance has been lit three or four times and has adapted to its flue. If it does not disappear, then check the flue draught (length and diameter of the flue, flue insulation, airtightness) and the humidity of the wood used.

If the condensation comes into contact with the enamel, wipe it off and dry with a cloth straight away to prevent any possible loss of shine.

### 3.4. Safety

Do not store combustible materials beneath the appliance.

### 3.5. Loading fuel

In order to load firewood, open the firebox door gently preventing the sudden entry of air to the firebox so that smoke does not enter the room that the appliance is installed in. Firewood can also be loaded through the ring holes on cast-iron top surfaces.

Perform this operation with the glove to prevent burns to the hands.

The maximum height of the load shall be approximately one third of the height of the firebox.

The minimum interval between loads for nominal heat output is 60 minutes.

Always load with the nominal amount (see table in section 1.1).

For minimum burning (e.g. at night), use thicker logs.

When the firebox is loaded, close the door.

### 3.6. Operation

The appliance should be operated with the door closed and the direct draught rod closed.

For safety reasons, never close all the appliance's combustion-air intakes.

#### Primary-air intake

By opening this inlet, air enters the firebox via the firebox grille.

#### Secondary-air intake

By opening this inlet, air enters the firebox via the top of the firebox door.

**IMPORTANT:** Keeping the secondary-air intake open helps keep the door glass cleaner for longer.

#### Double-combustion air intake

Air enters the combustion flame, making for more efficient and less polluting combustion because post-combustion takes place, burning the particles which were not burned in the first combustion. This increases the performance of the appliance and reduces emissions.

#### Controlling combustion air

The appliance has one air slide that regulates both the primary air and the secondary air inlet. If the air slide is in position **E3** (See previous images **section 3.2.1**), the primary and the secondary air inlets are open. As the air slide is further closed, the primary air inlet and then the secondary air inlet is closed. If the air slide is completely closed in position **E1**, there is no main or secondary air intake, but air still enters the double combustion chamber.

**IMPORTANT:** The appliance is exposed to extreme changes in temperature and may, as a result, make noises when in operation.

These noises are a natural result of expansion/contraction of the parts which make up the appliance. Do not be alarmed by noises of this kind.

In order to obtain maximum output, open all the air intakes to the firebox and in order to obtain minimum output, tend towards closing them. For normal use, we recommend you close the Primary Intake and leave the Secondary intake open.

In class B or BE appliances (without combustion air ducting from the street), when the appliance is not in use, the appliance-flue duct assembly may represent a heat leakage route to the street. When the appliance is not in use, it is advisable to leave the air inlet registers to the combustion chamber closed to minimise these energy losses.

### 3.7. Removing ash

Following sustained use of the appliance, it is necessary to remove the ash from the firebox. Remove the ashpit box when cold or using something to prevent yourself from getting burned (glove).

Never throw hot embers into the rubbish.

Access the ashpit by opening the door on the appliance.

**Warning!** It is very important to put the ashpit back in its housing at the bottom of the firebox after emptying it of ashes and before lighting the fire again. Do this following the extraction process in reverse order.

### 3.8. Instructions for cooking

The appliance allows you to cook on the top surface and in the oven.

#### 3.8.1. Cooking in the oven

Follow the indications given in the following table:

	Min. Output	Max. Output
Direct draught	Closed	Closed
Primary intake	Closed	Open
Secondary intake	Closed	Open

The oven contains an oven tray and an oven rack.

The oven thermometer gives an approximate reading of the temperature inside the oven. While the appliance is warming up, which may take two hours, the thermometer indicates a temperature lower than the real temperature inside the oven (due to the thermal inertia of the cast iron).

At the back of the stainless steel oven there is a hatch which can be opened to clean the soot which builds up in the flue socket area on the stove. The hatch provides easy access in order to clean this area (see Maintenance section).

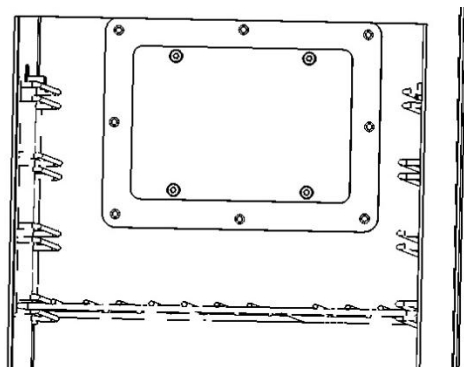


Figure No.17 - Hatch at the back of the oven

### 3.8.2. Cooking on the top surface

Follow the indications given in the following table:

	Min. Output	Max. Output
Direct draught	Closed	Closed
Primary intake	Closed	Open
Secondary intake	Closed	Open

The best area of the top surface for cooking is the over the stove firebox. The area of the top surface over the oven should be used to keep food warm.

#### 3.8.2.1. Glass-ceramic Top Surface

Never place aluminium receptacles on the glass-ceramic top surface when hot. Likewise, never place aluminium foil or plastic, or pour sugar on the surface; they may become permanently incrustated in the glass.

Earthenware pots will scratch the glass.

If you lift the glass, you will discover enamelled cast-iron protective supports. You can cook on top of these, but bear in mind the indications given in the Maintenance section.

### How to lift/lower the glass-ceramic top surface

In order to lift the glass-ceramic surface and cook on the cast-iron protective supports, insert the hook supplied with the stove in the cylindrical orifice and move gently as shown in the images.



Figure No.18 - Hook inserted in the cylindrical orifice



Figure No.19 - Lifting with the hook



When you reach the full-open position, remove the hook from the orifice and leave to one side.



*Figure No.20 - Glass-ceramic top surface resting at its full-open position*

In order to lower the glass-ceramic top surface back to its original position, repeat the process in reverse order. Move gently at all times.

When you have finished using the protective supports, Lacunza recommends that you always return the glass-ceramic top surface to its original position (horizontal).

The glass-ceramic top surface must always be lifted/lowered when cold.

## **4. MAINTENANCE AND IMPORTANT ADVICE**

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### **4.1. Maintenance of the appliance**

The appliance, the flue connector piping and the flue must be cleaned regularly, particularly following long periods without use.

#### **4.1.1. Visible enamelled parts**

The parts on the front of the kitchen stove are made of enamelled cast iron. Use a slightly damp cloth (or cloth with neutral soap) to clean the enamel and dry immediately (always when cold). Do not use metal scouring pads, abrasive, corrosive, chlorine-based or acid-based products to clean the enamelled parts; they could damage the enamel.

If water condenses or accidentally splashes on the appliance, clean the parts affected before they dry; otherwise, the colour of the enamel may be affected.

Be particularly careful to avoid spilling acid or alkaline products (tomato sauce, lemon juice, vinegar, ceramic hob cleaner, etc.) on the enamelled surfaces of the kitchen stove; they may damage the enamel coating.

#### **4.1.2. Top surface**

##### **Glass-ceramic Top Surface**

Use a damp cloth soaked in soap or special stainless-steel cleaning products to clean the stainless-steel trim around the ceramic.

Do not use metal scouring pads or abrasive sponges to clean the glass ceramic; they may scratch the surface. Use a scraper and special glass-ceramic cleaning products available on the market.

##### **Enamelled protection**

Maintain according to the instructions given for Visible enamelled parts (front of the kitchen stove). Due to their position and function, however, these parts are subject to a great deal of wear and it is practically impossible to keep them in a good state.

##### **Cast-iron top surface**

Use special sandpaper and specific products to clean and maintain.

#### **4.1.3. Firebox**

Clean the firebox area of ash, etc.

#### **4.1.4. Inside the appliance**

To access the inside of the stove, lift the glass-ceramic surface and remove the protective supports. With a cast-iron top surface, you can access the inside through the ring holes or unscrew the top surface. You can then clean the oven area and the gas passage between the oven and the right-hand side.

Clean the firebox area of ash.

#### **4.1.5. Flue socket**

The flue socket area must be kept clean at all times for the appliance to work properly.

It must be cleaned as often as required. How often it is cleaned depends on how much the appliance is used and the type of fuel employed.

On kitchen stoves with a top flue socket, the flue socket is accessed by lifting the first section of piping. On kitchen stoves with a rear flue socket, the socket elbow-flange is accessed via the gap behind the oven. In these cases, we highly recommend that an access cover be fitted on the first section of the flue in order to clean the flue socket.

If the oven has a hatch at the back, use this as an access to clean the flue socket.

In order to gain access for cleaning purposes, it is necessary to unscrew the four screws from the back of the oven and remove the plate. When you finish cleaning, replace the cover by screwing the 4 screws tight.



*Figure No.21 - Access to the screws to remove the hatch cover*

This operation must always be performed when the appliance is cold.

When the flue socket has been cleaned, gather up the soot accumulated at the bottom of the oven and extract it via the hatch located beneath the oven.



*Figure No.22 - Accesses via which to clean the flue socket.*

#### **4.1.6. Chrome parts**

Use a damp cloth with neutral soap to clean the chrome parts and dry immediately. Do not use scouring pads, abrasive products, stripper or acid-based products; they could damage the chrome plating. Moisture can damage chrome.

#### 4.1.7. Painted sheet-steel-cast-iron parts.

These parts should be cleaned with a brush or dry cloth. Do not dampen the parts: the steel could rust and the paint could blister and chip. Be particularly careful when cleaning the glass: the liquids used must not dampen the painted steel.

#### 4.1.8. Enamelled-steel parts

Use a damp cloth with neutral soap to clean the enamelled-steel parts and dry immediately. Do not use abrasive, corrosive, chlorine-based or acid-based products to clean the enamelled-steel parts; they could damage the enamel.

#### 4.1.9. Firebox glass

To keep the glass as clean as possible for as long as possible, the secondary air register should be kept open. However, over the hours of use, the glass may become dirty. To clean it, we will use specific degreasing products or dry-cleaning products for this task.

The cleaning should be carried out with the glass cold and taking care not to apply the glass cleaner directly on the glass as, if it comes into contact with the door's closing cord, it may deteriorate. Put the cleaning product on the cloth.

**Note:** If we use the appliance in draught conditions higher than 15Pa or burn more wood (per hour) than those indicated in table 1.1, we will subject the appliance to working conditions higher than those designed for it. This can lead to aggressive fouling of the glass (white halo), which cannot be cleaned by the traditional method.

**Caution,** the vitro ceramic glass is prepared to support 700°C. Never let burning woods or combustion flame

beating against the glass for prolonged periods of time. In this cases, the glass would be submit to temperatures above 750°C, this could change the internal structure of the glass and make it opaque (irreversible phenomenon).

#### 4.1.10. Oven

The oven interior is equipped with easily removable self-cleaning sides and an "Easy to clean" glaze covered baking tray for effortless cleaning.

To remove the self-cleaning sides to clean the oven thoroughly:

1. Remove the baking trays from the oven.
2. Remove the chrome brackets and take out the self-cleaning sides





*Figure No.23 - Removal of the brackets and self-cleaning sides*

Use a slightly damp cloth (or cloth with neutral soap) to clean the oven and dry immediately. Stainless-steel ovens may turn yellowish as a result of heat. Do not use abrasive, corrosive, chlorine-based or acid-based products; they could damage the enamel.

Be particularly careful to avoid spilling acid or alkaline products (tomato sauce, lemon juice, vinegar, ceramic hob cleaner, etc.) on the enamelled surfaces of the kitchen stove; they may damage the enamel coating.

#### **4.1.11. Cleaning the coloured sides**

To clean the coloured sides, use a damp cloth, neutral soap and dry immediately after. Do not use scouring pads or abrasive, stripping or acid-based products as they may damage the surface.

Caution: never touch the apparatus pieces with mops or other floor-cleaning objects. Cleaning products could damage the paintwork.

#### **4.2. Maintenance of the chimney flue**

**VERY IMPORTANT:** In order to avoid incidents (chimney fires, etc.), it is necessary to perform maintenance and cleaning operations on a regular basis; if the appliance is used often, then the chimney and the flue connector piping must be swept several times a year.

In the event of fire in the chimney, close the flue draught, close doors and windows, remove embers from the firebox, block the connection hole with damp cloths and call the fire brigade.

#### **4.3. Important advice**

Lacunza recommends that only Lacunza-authorized replacement parts be used.

Lacunza accepts no liability for any modification to the product which it has not authorized.

This appliance is a heat-producing appliance and contact may lead to burns.






This appliance may remain HOT for a period of time after it has gone out. **MAKE SURE THAT SMALL CHILDREN DO NOT GO NEAR IT.**



## 5. TROUBLESHOOTING



This symbol means that a qualified professional should be called to perform the operation.

Problem	Probable causes		Solution
<b>The fire does not light properly</b> <b>The fire does not stay alight</b>	Green or damp wood		Use hard woods, cut at least 2 years ago and stored in a sheltered, ventilated place
	The logs are too large		Use crumpled paper or firelighters and dry wood chips to light the fire. Use split logs to keep the fire going
	Poor-quality wood		Use hard woods which produce heat and embers (chestnut, ash, maple, birch, elm, beech, etc.)
	Insufficient primary air		Open the primary- and secondary-air intakes completely, or even open the door slightly. Open the outdoor-air inlet grille
	Insufficient updraught		Check that the draught is not blocked. De-soot if necessary. Check that the flue is in perfect condition (airtight, insulated, dry, etc.)
<b>The fire flames up too much</b>	Excessive primary air		Close the primary- and secondary-air intakes partially or totally
	Excessive updraught		Install a draught damper
<b>Smoke given off on lighting</b>	Poor-quality wood		Do not continually burn chips, carpentry scraps (plywood, pallets, etc.)
	Cold flue		Heat up the flue by burning a piece of paper in the firebox.
<b>Smoke during burning</b>	The room is at low pressure		In rooms with Controlled Mechanical Ventilation, leave an outdoor window ajar until the fire is fully alight.
	Too little wood loaded		Load as recommended. Loads notably smaller than those recommended lead to low smoke temperature and downdraught.
	Insufficient updraught		Check the condition of the flue and insulation. Check that the piping is not blocked. Clean mechanically if necessary
	Wind enters the flue		Install an anti-downdraught system (Cowl) at the top of the chimney
<b>Does not warm up enough</b>	The room is at low pressure		In rooms with Controlled Mechanical Ventilation, there must be an outdoor-air inlet
	Poor-quality wood		Only use the recommended fuel
<b>Water condenses (after the appliance has been lit more than 3 or 4 times)</b>	Too little wood loaded		Load as recommended. Loads notably smaller than those recommended lead to low smoke temperature and condensation.
	Green or damp wood		Use hard woods, cut at least 2 years ago and stored in a sheltered, ventilated place.
	Condition of the flue		Lengthen the flue (5-6 metres minimum). Insulate the flue properly. Check the airtightness of the flue/appliance.

## 6. BASIC BREAKDOWNS

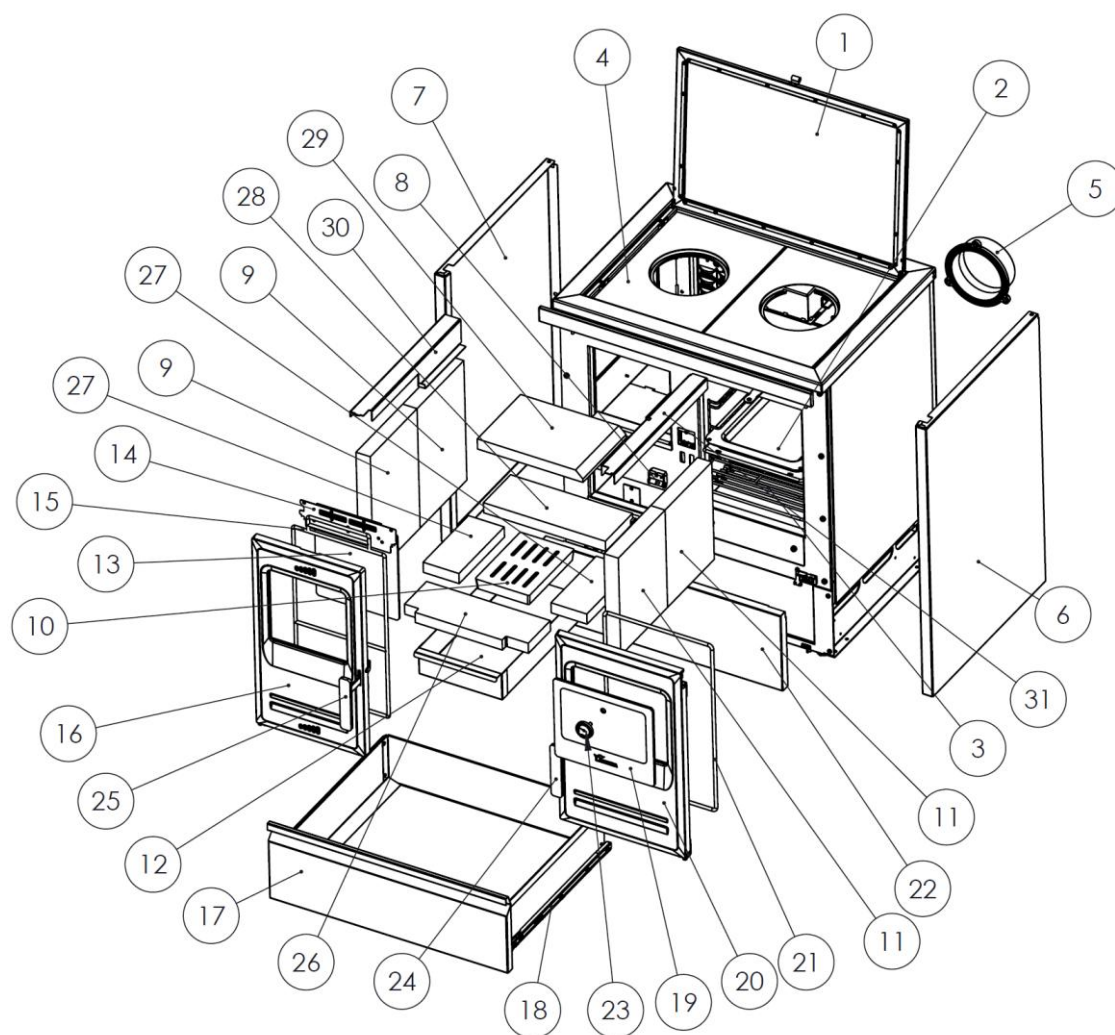


Figure No.24 - Etna 5T

Nº	CÓDIGO	DENOMINACION	PESO/LONG	CANTIDAD
1	501000000126	Cristal vitro nº5	5 kg	1
2	501000000001	Bandeja de Nº5	1,3 kg	1
3	501000000003	Bandeja Varillas Lis Nº 5	0,7 kg	1
4	501390000324	Protección vitrocerámica Nº 5-6(unid)+Arandelas	6,9 kg	2
5	501000000591	Salida humos	1,5 kg	1
6	501400000000	Etna Costado Dcho. Blanco	5 kg	1
	501410000000	Etna Costado Dcho. Burdeos	5 kg	1
	501390000003	Etna Costado Dcho. Negro	5 kg	1
7	501400000001	Etna Costado Izdo. Blanco	5 kg	1
	501410000001	Etna Costado Izdo. Burdeos	5 kg	1
	501390000004	Etna Costado Izdo. Negro	5 kg	1
8	501390000005	Etna Sistema Cierre Puertas	0,1 kg	1
9	50139000040	Etna 5T-7T Canalizable, Vermi lateral IZQ	2,4 kg	2
10	5040000897	Nickel-Adour, Parrilla hogar	2,5 kg	1
11	501210000004	Refractario dcho. Clásica	5,2 kg	2
12	501390000006	Etna Cajón Cenicero	1,2 kg	1
13	501390000000	Etna Cristal Hogar C/Junta	0,6 kg	1
14	50139000043	ETNA 5T-7T Canalizable, Ctjo.registro 2º puerta HOGAR		1
15	500900000010	Cordón diam. 8 puerta hogar fundición ETNA	1,8 m	1
16	501390000007	Etna P/Leña fundición	10 kg	1
17	501430000000	Etna 5T Tapa Cajón Móvil Blanco	2,2 kg	1
	501440000000	Etna 5T Tapa Cajón Móvil Burdeos	2,2 kg	1
	501420000001	Etna 5TTapa Cajón Móvil Negro	2,2 kg	1
18	501390000009	Etna Guías Cajón Móvil	-	2
19	501420000002	Etna 5T Cristal Horno C/Junta	1 kg	1
20	501420000003	Etna 5T P/Horno Fundición	10,7 kg	1
21	500900000010	Cordón diam. 8 puerta HORNO ETNA	1,6m	1
22	501430000001	Etna 5T Tapa Cajón Fijo Blanco	1,3 kg	1
	501440000001	Etna 5T Tapa Cajón Fijo Burdeos	1,3 kg	1
	501420000014	Etna 5TTapa Cajón Fijo Negro	1,3 kg	1
23	500000000072	Termómetro Horno Aro Cromado	0,1 kg	1
24	501390000014	Etna Manilla P/Horno Completa	0,5 kg	1
25	501390000013	Etna Manilla P/Leña Completa	0,5 kg	1
26	50139000042	Etna 5T-7T Canalizable, Vermi base hogar FRON	0,9 kg	1
27	50139000044	Etna 5T-7T Canalizable, Vermi base hogar IZQ-DCHA	0,5 kg	2
28	50139000045	Etna 5T-7T Canalizable, Vermi base hogar TRAS	0,9 kg	1
29	50139000016	ETNA 5T Canalizable , Vermi deflector hogar	1,1	1
30	50139000047	ETNA 5T-7T Canalizable, Angulo sujeción refractarios IZQ	0,6 kg	1
31	50139000048	ETNA 5T-7T Canalizable, Angulo sujeción refractarios DCHO	0,6 kg	1



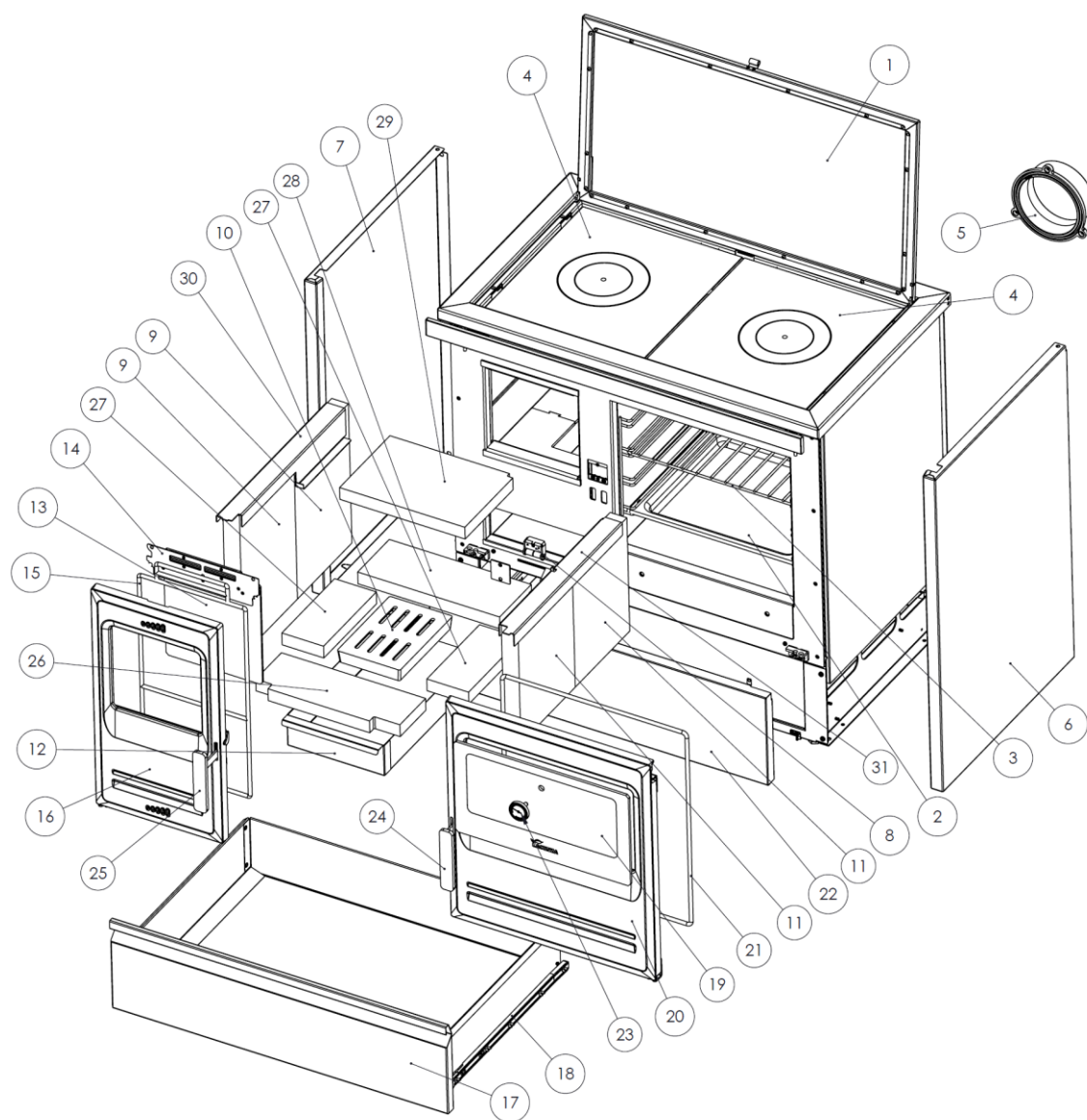


Figure No.25 - Etna 7T

Nº	CÓDIGO	DENOMINACION	PESO/LO NG	CANTIDAD
1	501000000124	Cristal vitro nº7	6 kg	1
2	501000000002	Bandeja de Nº6-7-8-9	1,7 kg	1
3	501000000004	Bandeja Varillas Nº6-7-8-9	0,9 kg	1
4	501000000323	Protección vitrocerámica nº7-8	9,1 kg	2
5	501000000591	Salida humos	1,5 kg	1
6	501400000000	Etna Costado Dcho. Blanco	5 kg	1
	501410000000	Etna Costado Dcho. Burdeos	5 kg	1
	501390000003	Etna Costado Dcho. Negro	5 kg	1
7	501400000001	Etna Costado Izdo. Blanco	5 kg	1
	501410000001	Etna Costado Izdo. Burdeos	5 kg	1
	501390000004	Etna Costado Izdo. Negro	5 kg	1
8	501390000005	Etna Sistema Cierre Puertas	0,1 kg	1
9	5013900040	Etna 5T-7T Canalizable, Vermi lateral IZQ	2,4 kg	2
10	5040000897	Nickel-Adour, Parrilla hogar	2,5 kg	1
11	501210000004	Refractario dcho. Clásica	5,2 kg	2
12	501390000006	Etna Cajón Cenicero	1,2 kg	1
13	501390000000	Etna Cristal Hogar C/Junta	0,6 kg	1
14	5013900043	ETNA 5T-7T Canalizable, Ctjo.registro 2º puerta HOGAR		1
15	500900000010	Cordón diam. 8 puerta hogar fundición ETNA	1,8 m	1,8m
16	501390000007	Etna P/Leña fundición	10 kg	1
17	501400000002	Etna Tapa Cajón Móvil Blanco	2,6 kg	1
	501410000002	Etna Tapa Cajón Móvil Burdeos	2,6 kg	1
	501390000011	Etna Tapa Cajón Móvil Negro	2,6 kg	1
18	501390000009	Etna Guías Cajón Móvil	-	2
19	501390000001	Etna Cristal Horno C/Junta	1,5 kg	1
20	501390000010	Etna P/Horno Fundición	13,5 kg	1
21	500900000010	Cordón diam. 8 puerta HORNO ETNA	1,7m	1
22	501400000003	Etna Tapa Cajón Fijo Blanco	1,6 kg	1
	501410000003	Etna Tapa Cajón Fijo Burdeos	1,6 kg	1
	501390000012	Etna Tapa Cajón Fijo Negro	1,6 kg	1
23	500000000072	Termómetro Horno Aro Cromado	0,1 kg	1
24	501390000014	Etna Manilla P/Horno Completa	0,5 kg	1
25	501390000013	Etna Manilla P/Leña Completa	0,5 kg	1
26	5013900042	Etna 5T-7T Canalizable, Vermi base hogar FRON	0,9 kg	1
27	5013900044	Etna 5T-7T Canalizable, Vermi base hogar IZQ-DCHA	0,5 kg	2
28	5013900045	Etna 5T-7T Canalizable, Vermi base hogar TRAS	0,9 kg	1
29	5013900046	ETNA 7T Canalizable , Vermi deflector hogar	1,1	1
30	5013900047	ETNA 5T-7T Canalizable, Angulo sujeción refractarios IZQ	0,6 kg	1
31	5013900048	ETNA 5T-7T Canalizable, Angulo sujeción refractarios DCHO	0,6 kg	1

## **7. PRODUCT RECYCLING**

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The recycling of the appliance is the exclusive responsibility of the owner, who must act in compliance with the laws in force in his country regarding safety, respect and protection of the environment. At the end of its useful life, the product must not be disposed of with urban waste.

It can be delivered to the specific selective collection centres set up by the municipalities, or to retailers who offer this service. The selective disposal of the product avoids possible negative consequences for the environment and for health and makes it possible to recover the materials of which it is composed, thus obtaining significant savings in terms of energy and resources.

It can be disassembled (the parts are assembled with screws or rivets) and the components can be deposited in their corresponding recycling channels. The components of the appliance are: steel, cast iron, glass, insulating materials, electrical material, etc.

## **8. DECLARATION OF PERFORMANCE**

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CO-S-012

**DECLARACIÓN DE PRESTACIONES** Conforme al R. E. Productos Construcción (UE) N° 305/2011

**DÉCLARATION DE PERFORMANCE** Selon le Règlement (UE) N° 305/2011

**DICHIARAZIONE DI PRESTAZIONE** In base al Regolamento (UE) N° 305/2011

**DECLARATION OF PERFORMANCE** According to Regulation (UE) N° 305/2011

**DECLARAÇÃO DE PRESTAÇÕES** Em base com o Regulamento (UE) N° 305/2011

1. Nombre y/o código de identificación única del producto:  
 Nom-code d'identification unique du produit  
 Nome-codice identificativo unico del prodotto  
 Unique identifier nome-code for product  
 Nome-código de identificação único do produto
  - Marca, marque, marca, mark, marca: Lacunza
  - Tipo, type, tipo, type, tipo: Cocina, Cuisinière, Cucina, Cooker, Cozinha
  - Modelo, modèle, modello, model, modelo: **ETNA 5T**
2. Uso o usos previstos del producto: Cocina de carga manual, para quemar combustibles sólidos (indicado en instrucciones), cuya función es calentar el espacio en el que está instalada.  
 Utilisation prévue du produit: Cuisinière qui se charge manuellement, conçu pour brûler des combustibles solides (indiqués dans le Manuel d'Instructions), dont la fonction est de chauffer l'espace où il est installé.  
 Usi previsti del prodotto: Cucina a carico manuale, per bruciare combustibili solidi (indicati nelle istruzioni), la cui funzione è riscaldare lo spazio in cui è installato.  
 Entended uses of the product: Kitchen stove to be loaded by hand and designed to burn solid fuels (indicated in instructions), whose function is to heat the space in which it is installed.  
 Utilização prevista do produto: Cozinha de carga manual, para queimar combustíveis sólidos (indicado nas instruções), cuja função é aquecer o espaço no qual está instalado.
 

3. Nombre y dirección del fabricante:	LACUNZA KALOR GROUP S.A.L.
Nom et adresse du fabricant:	Pol. Ind. Ibarrea s/n 31800 Alsasua (Navarra) (España)
Nome e indirizzo del fabbricante:	Téléfono: (0034) 948563511
Name and address of the manufacturer:	Fax: (0034) 948563505
Nome e endereço do fabricante:	Email: comercial@lacunza.net
4. Sistema de evaluación y verificación de la constancia de las prestaciones: 3  
 Système d'évaluation et contrôle de la constance de performance: 3  
 Sistema di valutazione e verifica della costanza della prestazione: 3  
 Assessment and verification system for constancy of performance: 3  
 Sistema de avaliação e verificação da regularidade do desempenho: 3
5. Organismo Notificado, Laboratoire notifié, Laboratorio notificato, Laboratory notified, Laboratório notificado:  
 SGS NEDERLAND B.V. N° 0608  
 Leemansweg 51  
 6827 BX Arnhem (The Netherlands)  
 Por el sistema, Selon le system, In base al system, Based on system, Em base ao system : 3.  
 Documento emitido (fecha), Numéro du rapport d'essai (date), Numero rapporto di prova (data), Test report number (date), Número relação de prova (data): EZKA/2017-04/00001-2 (04-07-2017)

6. Prestaciones declaradas, Performance déclarée, Prestazioni dichiarate, Services declare, Desempenhos declarados:

Especificaciones técnicas armonizadas, Spécifications techniques armonices, Specifica tecnica armonizzata, Harmonised technical specifications, Especifica técnica harmonizada EN12815:2001/A1:2004/AC:2006/AC:2007		
Características esenciales, Caractéristiques essentielles, Caratteristiche essenziali, Essential features, Características essenciais	Prestaciones, Performance, Prestazione, Services, Desempenho	
Reacción al fuego, Résistance au feu, Resistenza al fuoco, Resistance to fire, Resistência ao fogo	Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Distancia mínima de seguridad a materiales combustibles, Distance minimum aux matériaux combustibles, Distanza minima da materiali combustibili, Minimum distance from combustible material, Distância mínimo de materiais combustíveis	Izquierda, gauche, sinistra, left, esquerda: Derecha, droite, diritto, right, direito: Trasera, arrière, retro, back, traseira: Delantera, avant, fronte, front, frente: Encimera, dessus, sopra, above, acima:	400 mm 400 mm 500 mm 1200 mm 750 mm
Temperatura humos a potencia térmica nominal, Température des fumées, Temperatura fumi, Fume temperatura, Temperatura dos gases de combustão	268 °C	
Emisión de productos de combustión, Emission des produits de combustion, Emissione prodotti combustione, Combustión productos emissions, Emissões de produtos de combustão	Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Concentración media CO al 13% O2, Concentration moyenne CO al 13% O2, CO concentrazione media di 02%, Average concentration CO to 02%, CO concentração média de 02%	0.10 %	
Desprendimiento de sustancias peligrosas, Rejet de substances dangereuses, Rilascio di sostanze pericolose, Release of hazardous substances, Lançamento de substâncias perigosas	Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Temperatura superficial, Température de surface, Temperatura superficiale, Surface temperatura, Temperatura superficial	Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Seguridad eléctrica, Sécurité électrique, Sicurezza elettrica, Electrical safety, Segurança elétrica	-	
Presión máxima de servicio (paila), Pression maximale de service, Máxima pressione di esercizio, Maximun operating pressure, Máxima pressão de exercício	-	
Resistencia mecánica (para soportar una chimenea/un conducto de humos), Résistance mécanique (pour soutenir la cheminée), Resistenza mecánica (per supportare il camino), Mechanical strength (to support the fireplace), Resistência mecânica (para suportar a chaminé)	Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Potencia térmica ambiente, Puissance rendue au milieu, Potenza resa all'ambiente, Power output to the environment, Potência libertada no ambiente	8 kW	
Potencia térmica agua, Puissance rendue à l'eau, Potenza ceduta all'acqua, Power transferred to water, Potência cedida à água	81.5 %	
Rendimiento energético, Rendement, Rendimento, Efficiency, Atuação	81.5 %	

Las prestaciones del producto identificado en el punto 1 son conformes con las prestaciones declaradas en el punto 6.  
La performance du produit cité au point 1 est conforme à la performance declare au point 6.  
La prestazione del prodotto di cui ai punti 1 è conforme alla prestazione dichiarata di cui al punto 6.  
The performance of the product referred to in point 1 is consistent with the declared performance in point 6.  
As declarações do produto identificado no ponto 1, estão conformes com as prestações declaradas no ponto 6.

La presente declaración de prestaciones se emite bajo la única responsabilidad del fabricante, indicado en el punto 3.  
Cette déclaration de performance est délivrée sous la responsabilité exclusive du fabricant cité au point 3.  
Si rilascia la presente dichiarazione di prestazione sotto la responsabilità esclusiva del fabricante di cui al punto 3.  
The declaration of performance is issued under the manufacturer's sole responsibility referred to in point 3.  
Declara a presente declaração de desempenho sob a responsabilidade exclusiva do fabricante referido no ponto 3.

**LACUNZA**

Lacunza Kalor Group S.A.  
NIF A-31606932  
Polígono Industrial Ibañeta s/n  
31800 Alsasua (Navarra) Spain

José Julián Garcandía Pellejero  
Director Gerente

Alsasua 5-07-2017





CO-S-011

**DECLARACIÓN DE PRESTACIONES** Conforme al R. E. Productos Construcción (UE) N° 305/2011

**DÉCLARATION DE PERFORMANCE** Selon le Règlement (UE) N° 305/2011

**DICHIARAZIONE DI PRESTAZIONE** In base al Regolamento (UE) N° 305/2011

**DECLARATION OF PERFORMANCE** According to Regulation (UE) N° 305/2011

**DECLARAÇÃO DE PRESTAÇÕES** Em base com o Regulamento (UE) N° 305/2011

1. Nombre y/o código de identificación única del producto:  
 Nom-code d'identification unique du produit  
 Nome-codice identificativo unico del prodotto  
 Unique identifier nome-code for product  
 Nome-código de identificação único do produto
  - Marca, marque, marca, mark, marca: **Lacunza**
  - Tipo, type, tipo, type, tipo: **Cocina, Cuisinière, Cucina, Cooker, Cozinha**
  - Modelo, modèle, modello, model, modelo: **ETNA 7T**
2. Uso o usos previstos del producto: Cocina de carga manual, para quemar combustibles sólidos (indicado en instrucciones), cuya función es calentar el espacio en el que está instalada.  
 Utilisation prévue du produit: Cuisinière qui se charge manuellement, conçu pour brûler des combustibles solides (indiqués dans le Manuel d'Instructions), dont la fonction est de chauffer l'espace où il est installé.  
 Usi previsti del prodotto: Cucina a carico manuale, per bruciare combustibili solidi (indicati nelle istruzioni), la cui funzione è riscaldare lo spazio in cui è installato.  
 Entended uses of the product: Kitchen stove to be loaded by hand and designed to burn solid fuels (indicated in instructions), whose function is to heat the space in which it is installed.  
 Utilização prevista do produto: Cozinha de carga manual, para queimar combustíveis sólidos (indicado nas instruções), cuja função é aquecer o espaço no qual está instalado.
3. Nombre y dirección del fabricante: **LACUNZA KALOR GROUP S.A.L.**  
 Nom et adresse du fabricant: **Pol. Ind. Ibarrea s/n 31800 Alsasua (Navarra) (España)**  
 Nome e indirizzo del fabbricante: **Téléfono: (0034) 948563511**  
 Name and adress of the manufacturer: **Fax: (0034) 948563505**  
 Nome e endereço do fabricante: **Email: comercial@lacunza.net**
4. Sistema de evaluación y verificación de la constancia de las prestaciones: 3  
 Système d'évaluation et contrôle de la constante de performance: 3  
 Sistema di valutazione e verifica della costanza della prestazione: 3  
 Assessment and verification system for constancy of performance: 3  
 Sistema de avaliação e verificação da regularidade do desempenho: 3
5. Organismo Notificado, Laboratoire notifié, Laboratorio notificato, Laboratory notified, Laboratório notificado:  
**RRF N° NB1625 Rhein-Ruhr Feuerstätten**  
**Prüfstelle GmbH**  
**Am Technologie Park 1 D-45307 ESSEN**  
 Por el sistema, Selon le system, In base al system, Based on system, Em base ao system : 3.  
 Documento emitido (fecha), Numéro du rapport d'essai (date), Numero rapporto di prova (data), Test report number (date), Número relação de prova (data): **15164299**

6. Prestaciones declaradas, Performance déclarée, Prestazioni dichiarate, Services declare, Desempenhos declarados:

Especificaciones técnicas armonizadas, Spécifications techniques armoniques, Specifica tecnica armonizzata, Harmonised technical specifications, Especifica técnica harmonizada EN12815:2001/A1:2004/AC:2006/AC:2007		
Características esenciales, Caractéristiques essentielles, Caratteristiche essenziali, Essential features, Características essenciais	Prestaciones, Performance, Prestazione, Serviços, Desempenho	
Reacción al fuego, Résistance au feu, Resistenza al fuoco, Resistance to fire, Resistência ao fogo	Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Distancia mínima de seguridad a materiales combustibles, Distance minimum aux matériaux combustibles, Distanza minima da materiali combustibili, Minimum distance from combustible material, Distância mínimo de materiais combustíveis	Izquierda, gauche, sinistra, left, esquerda: Derecha, droite, diritto, right, direito: Trasera, arrière, retro, back, traseira: Delantera, avant, fronte, front, frente: Encimera, dessus, sopra, above, acima:	500 mm 400 mm 350 mm 1200 mm 550 mm
Temperatura humos a potencia térmica nominal, Température des fumées, Temperatura fumi, Fume temperatura, Temperatura dos gases de combustão	285 °C	
Emisión de productos de combustión, Emission des produits de combustion, Emission prodotti combustione, Combustión productos emissions, Emissões de produtos de combustão	Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Concentración media CO al 13% O2	0.10 %	
Desprendimiento de sustancias peligrosas	Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Temperatura superficial, Température de surface, Temperatura superficiale, Surface temperatura, Temperatura superficial	Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Seguridad eléctrica, Sécurité électrique, Sicurezza elettrica, Electrical safety, Segurança elétrica	-	
Presión máxima de servicio (palla), Pression maximale de service, Máxima pressione di esercizio, Maximum operating pressure, Máxima pressão de exercício	-	
Resistencia mecánica (para soportar una chimenea/un conducto de humos), Résistance mécanique (pour soutenir la cheminée), Resistenza mecánica (per supportare il camino), Mechanical strength (to support the fireplace), Resistência mecânica (para suportar a chaminé)	Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Potencia térmica ambiente, Puissance rendue au milieu, Potenza resa all'ambiente, Power output to the environment, Potência libertada no ambiente	9 kW	
Potencia térmica agua, Puissance rendue à l'eau, Potenza ceduta all'acqua, Power transferred to water, Potência cedida à água		
Rendimiento energético, Rendement, Rendimento, Efficiency, Atuação	77 %	

Las prestaciones del producto identificado en el punto 1 son conformes con las prestaciones declaradas en el punto 6.

La performance du produit cité au point 1 est conforme à la performance déclarée au point 6.

La prestazione del prodotto di cui al punto 1 è conforme alla prestazione dichiarata di cui al punto 6.

The performance of the product referred to in point 1 is consistent with the declared performance in point 6.

As declarações do produto identificado no ponto 1, estão conformes com as prestações declaradas no ponto 6.

La presente declaración de prestaciones se emite bajo la única responsabilidad del fabricante, indicado en el punto 3.

Cette déclaration de performance est délivrée sous la responsabilité exclusive du fabricant cité au point 3.


Si rilascia la presente dichiarazione di prestazione sotto la responsabilità esclusiva del fabbricante di cui al punto 3.

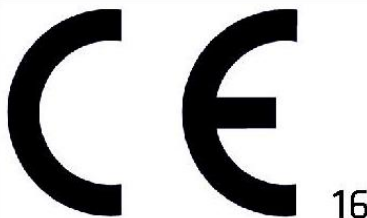
This declaration of performance is issued under the manufacturer's sole responsibility referred to in point 3.

É emitida a presente declaração de desempenho sob a responsabilidade exclusiva do fabricante referido no ponto 3.



## 9. CE MARK

		LACUNZA KALOR GROUP S.A.L. Pol. Ind. Ibarrea s/n 31800 Alsasua (Navarra) (Spain)	
		Número, Nombre, Numero, Number, Número : CO-S-012	
Marca, marque, marca, mark, marca: <b>Lacunza</b> Tipo, type, tipo, type, tipo: <b>Cocina, Cuisinière, Cucina, Cooker, Cozinha</b> Modelo, modèle, modello, model, modelo: <b>ETNA 5T</b>		Organismo notificado, Laboratoire notifié, Laboratorio notificato, Laboratory notified, Laboratório notificado: <b>SGS NEDERLAND B.V. Nº 0608</b>	
Cocina de carga manual, para quemar combustibles sólidos (indicado en instrucciones), cuya función es calentar el espacio en el que está instalada. Cuisinière qui se charge manuellement, conçu pour brûler des combustibles solides (indiqués dans le Manuel d'Instructions), dont la fonction est de chauffer l'espace où il est installé. Cucina a carico manuale, per bruciare combustibili solidi (indicati nelle istruzioni), la cui funzione è riscaldare lo spazio in cui è installato. Kitchen stove to be loaded by hand and designed to burn solid fuels (indicated in instructions), whose function is to heat the space in which it is installed. Cozinha de carga manual, para queimar combustíveis sólidos (indicado nas instruções), cuja função é aquecer o espaço no qual está instalado.			
EN12815:2001/A1:2004/AC:2006/AC:2007			
Características esenciales, Caractéristiques essentielles, Caratteristiche essenziali, Essential features, Características essenciais		Prestaciones, Performance, Prestazione, Services, Desempenho	
Reacción al fuego, Resistance au feu, Resistenza al fuoco, Resistance to fire, Resistência ao fogo		Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Distancia mínima de seguridad a materiales combustibles, Distance minimum aux matériaux combustibles, Distanza minima da materiali combustibili, Minimum distance from combustible material, Distância mínimo de materiais combustíveis		Izquierda, gauche, sinistra, left, esquerda: 400mm Derecha, droite, diritto, right, direito: 400mm Trasera, arrière, retro, back, traseira: 500mm Delantera, avant, fronte, front, frente: 1200mm Encimera, dessus, sopra, above, acima: 750mm	
Temperatura humos a potencia térmica nominal, Température des fumées, Temperatura fumi, Fume temperatura, Temperatura dos gases de combustão		268 °C	
Emisión productos combustión, Émission des produits de combustion, Emisión prodotti combustione, Combustión productos emissions, Emissões de produtos de combustão		Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Concentración media CO al 13% O2, Concentration moyenne CO al 13% O2, CO concentrazione media di O2%, Average concentration CO to O2%, CO concentração média de O2%		0.10 %	
Desprendimiento de sustancias peligrosas, Rejet de substances dangereuses, Rilascio di sostanze pericolose, Release of hazardous substances, Lançamento de substâncias perigosas		Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Temperatura superficial, Température de surface, Temperatura superficiale, Surface temperatura, Temperatura superficial		Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Seguridad eléctrica, Sécurité électrique, Sicurezza elettrica, Electrical safety, Segurança elétrica		-	
Presión máxima de servicio (paila), Pression maximale de service, Máxima pressione di esercizio, Maximum operating pressure, Máxima pressão de exercício		-	
Resistencia mecánica (para soportar una chimenea/un conducto de humos), Resistence mécanique (pour soutenir la cheminée), Resistenza meccanica (per supportare il camino), Mechanical strength (to support the fireplace), Resistência mecânica (para suportar a chaminé)		Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Potencia térmica ambiente, Puissance rendue au milieu, Potenza resa all'ambiente, Power output to the environment, Potência libertada no ambiente		8 kW	
Potencia térmica agua, Puissance rendue à l'eau, Potenza ceduta all'acqua, Power transferred to water, Potência cedida à água		-	
Rendimiento energético, Rendement, Rendimento, Efficiency, Atuação		81.5 %	

		LACUNZA KALOR GROUP S.A.L. Pol. Ind. Ibarrea s/n 31800 Alsasua (Navarra) (Spain)	
		Número, Nombre, Numero, Number, Número : CO-S-011	
Marca, marque, marca, mark, marca: <b>Lacunza</b> Tipo, type, tipo, type, tipo: <b>Cocina, Cuisinière, Cucina, Cooker, Cozinha</b> Modelo, modèle, modello, model, modelo: <b>ETNA 7T</b>		Organismo notificado, Laboratoire notifié, Laboratorio notificato, Laboratory notified, Laboratorio notificado: <b>RRF N° NB1625</b>	
Cocina de carga manual, para quemar combustibles sólidos (indicado en instrucciones), cuya función es calentar el espacio en el que está instalada. Cuisinière qui se charge manuellement, conçu pour brûler des combustibles solides (indiqués dans le Manuel d'Instructions), dont la fonction est de chauffer l'espace où il est installé. Cucina a carico manuale, per bruciare combustibili solidi (indicati nelle istruzioni), la cui funzione è riscaldare lo spazio in cui è installato. Kitchen stove to be loaded by hand and designed to burn solid fuels (indicated in instructions), whose function is to heat the space in which it is installed. Cozinha de carga manual, para queimar combustíveis sólidos (indicado nas instruções), cuja função é aquecer o espaço no qual está instalado.			
EN12815:2001/A1:2004/AC:2006/AC:2007			
Características esenciales, Caractéristiques essentielles, Caratteristiche essenziali, Essential features, Características essenciais		Prestaciones, Performance, Prestazione, Services, Desempenho	
Reacción al fuego, Resistance au feu, Resistenza al fuoco, Resistance to fire, Resistência ao fogo		Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Distancia mínima de seguridad a materiales combustibles, Distance minimum aux matériaux combustibles, Distanza minima da materiali combustibili, Minimum distance from combustible material, Distância mínimo de materiais combustíveis		Izquierda, gauche, sinistra, left, esquerda: 500mm Derecha, droite, diritto, right, direito: 400mm Trasera, arrière, retro, back, traseira: 350mm Delantera, avant, fronte, front, frente: 1200mm Encimera, dessus, sopra, above, acima: 550mm	
Temperatura humos a potencia térmica nominal, Température des fumées, Temperatura fumi, Fume temperatura, Temperatura dos gases de combustão		237 °C	
Emisión productos combustión, Emisión des produits de combustion, Emisión prodotti combustione, Combustión productos emissions, Emissões de produtos de combustão		Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Concentración media CO al 13% O2, Concentration moyenne CO al 13% O2, CO concentrazione media di O2%, Average concentration CO to O2%, CO concentração média de O2%		0.10 %	
Desprendimiento de sustancias peligrosas, Rejet de substances dangereuses, Rilascio di sostanze pericolose, Release of hazardous substances, Lançamento de substâncias perigosas		Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Temperatura superficial, Température de surface, Temperatura superficiale, Surface temperatura, Temperatura superficial		Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Seguridad eléctrica, Sécurité électrique, Sicurezza elettrica, Electrical safety, Segurança elétrica		-	
Presión máxima de servicio (paila), Pression maximale de service, Máxima pressione di esercizio, Maximun operating pressure, Máxima pressão de exercício		-	
Resistencia mecánica (para soportar una chimenea/un conducto de humos), Resistence mécanique (pour soutenir la cheminée), Resistenza mecánica (per supportare il camino), Mechanical strength (to support the fireplace), Resistência mecânica (para suportar a chaminé)		Cumple, Conforme, Conforme, Compliant, Em Conformidade	
Potencia térmica ambiente, Puissance rendue au milieu, Potenza resa all'ambiente, Power output to the environment, Potência libertada no ambiente		9 kW	
Potencia térmica agua, Puissance rendue à l'eau, Potenza ceduta all'acqua, Power transferred to wáter, Potência cedida à água		-	
Rendimiento energético, Rendement, Rendimento, Efficiency, Atuação		77 %	



**LACUNZA®**

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EDITION: 3

