# Ocean 603 / Atlantic 603 Ocean 613 / Atlantic 613

Instruction Book







## PRESENTATION OF THE APPLIANCE

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	Ocean 603 Atlantic 603	Ocean 613 Atlantic 613
	Operating appliance	-	Intermittent	Intermittent
	Appliance classification	-	Type BE	Type BE
	Preferred fuel	-	Wood logs (Hu	ımidity<25%)
	Indirect heating functionality	-	NO	NO
	Nominal output to atmosphere (Direct) (P <sub>nom</sub> )	kW	12	11
	Efficiency at P <sub>nom</sub> (η <sub>nom</sub> )	%	85	82.5
ļ .	CO emission at 13% O <sub>2</sub> at P <sub>nom</sub> (CO <sub>nom</sub> )	mg/m³	500	875
l dt	NO <sub>x</sub> emission at 13% O <sub>2</sub> at P <sub>nom</sub> (NO <sub>Xnom</sub> )	mg/m³	111	136
Values at Nominal Output	OGC emission at 13% O <sub>2</sub> at P <sub>nom</sub> (OGC <sub>nom</sub> )	mg/m³	28	57
l iii	PM emission at 13% O <sub>2</sub> at P <sub>nom</sub> (PM <sub>nom</sub> )	mg/m³	12	26
Nor	Optimum flue draught at P <sub>nom</sub> (p <sub>nom</sub> )	Pa	12	12
s at	Gas temperature of flue at P <sub>nom</sub> (T <sub>nom</sub> )	°C	252	267
alue	Gas temperature on the flue socket flange at Pnom	°C	302	307
>	Log load frequency at P <sub>nom</sub>	h	1	0.75
	Gas mass flow at P <sub>nom</sub>	g/s	7.9	8.3
	Wood consumption (beech) at P <sub>nom</sub>	kg/h	3.5	3.4
	Chimney temperature class	-	T400	T400
	Dimensions of the firebox			
	Width	mm	530	530
	Depth	mm	280	280
	Useful height	mm	220	470
	Maximum length of the logs	cm	50	50
	Volume heated (45W/m³) at P <sub>nom</sub>	m³	267	244
	Capacity of the ashpit	L	1.5	1.5
	Weight	kg	90	125
	Flue socket diameter (d <sub>out</sub> )	mm	150	150
	Type of heat output/room temperature control	Single st	age heat output, no control	room temperature
	Energy efficiency class		A+	A+
	Energy efficiency index (EEI)		113	110
	Seasonal Energy Efficiency of space heating (η <sub>s</sub> )	%	75	72.5



**Note:** The values indicated in the above table are based on tests performed in accordance with UNE-EN 16510 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.

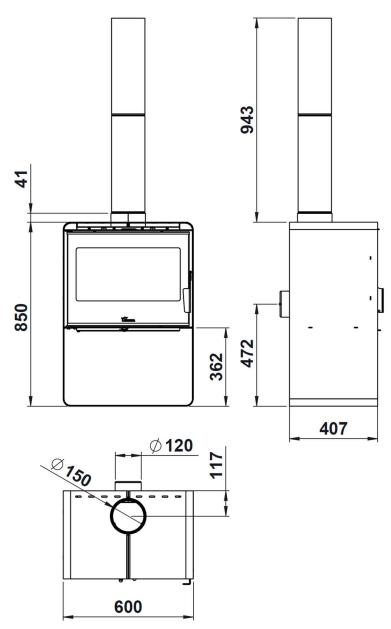


Figure No.1 - Dimensions of the Ocean 603 in mm



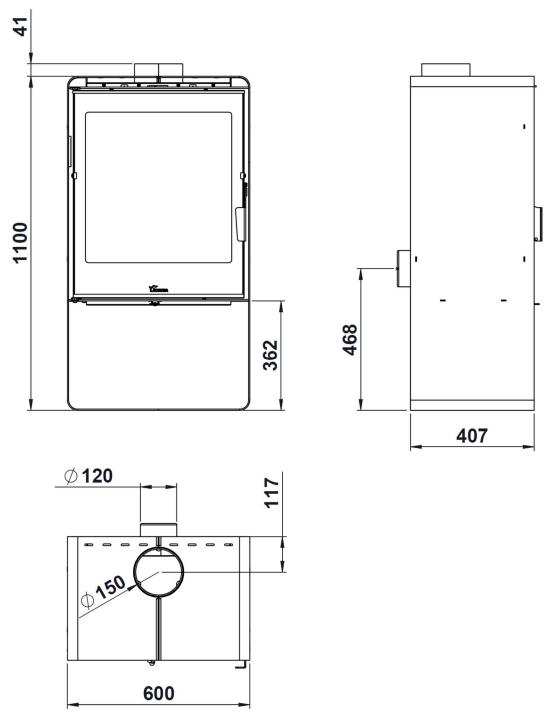


Figure No.2 - Dimensions of the Ocean 613 in mm



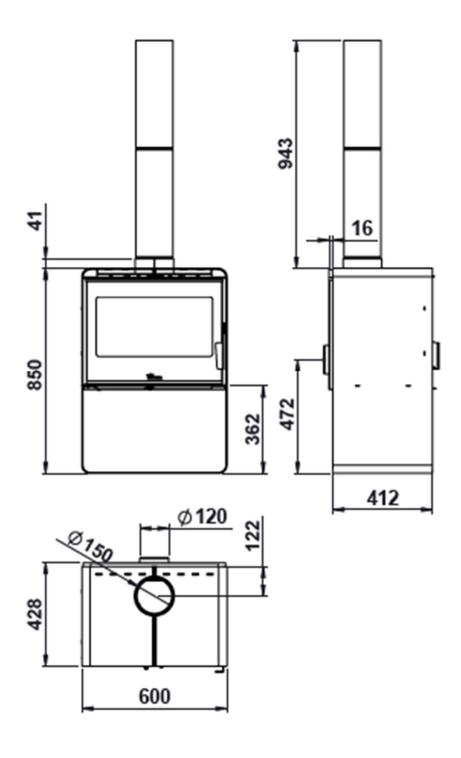


Figure No.3 - Dimensions of the Atlantic 603 in mm



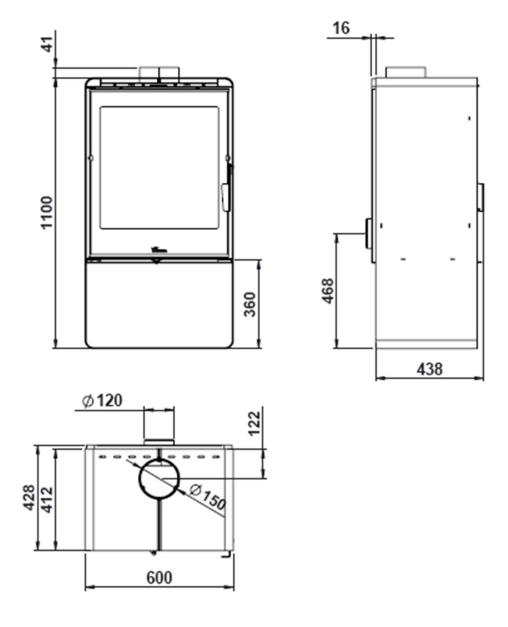
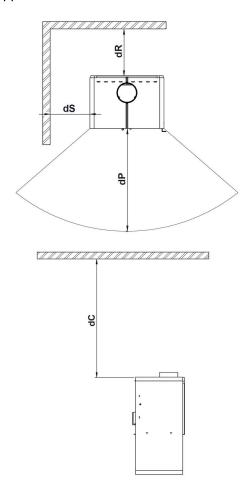


Figure No.4 - Dimensions of the Atlantic 613 in mm



## 1.2. Safety distances

Be sure to respect the appliance installation distances from combustible materials.



Combustible materials

	603	613
dC (mm)	-	300
dP (mm)	1200	600
dS (mm)	600	200
dR (mm)	900	300

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. 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 (cm²)
P ≤ 10kW	70
10 < P ≤ 15	90
15 < P ≤ 20	120
20 < P ≤ 25	150
25 < P ≤ 30	180
30 < P ≤ 35	210
P > 35	240

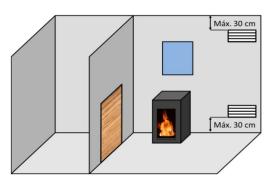


Figure No.5 - Guideline indications for ventilation grilles

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. 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.
- Check the deflectors are correctly positioned.
- 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.

# 2.3.3. 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).

#### 2.3.4. 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.).

### 2.3.5. Preparing the outside air conection

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 120 mm 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.



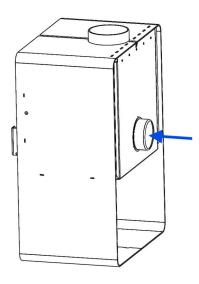


Figure No.6 - Air flow to the combustion chamber

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.

In the case of the Atlantic model, first cut out the circle of the double rear.

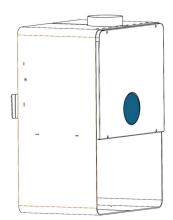


Figure No.7 - Cut out the circle marked on the back cover of Atlantic.

## 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 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.

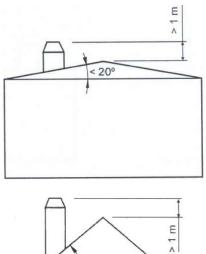
The flue must not rest its weight on the appliance, as this could damage the worktop.

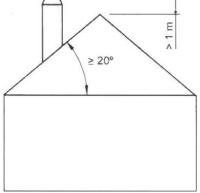
Bear in mind that high temperatures may be reached in the flue, meaning that it is essential that insulation be enhanced in sections in which combustible material is present (wooden beams, furniture, etc.). It may even be necessary to protect noncombustible material in order to prevent breakage, deformation, 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.





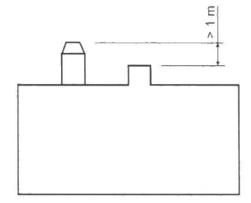


Figure No.8 - Distances between chimney crown and roof ridge

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.

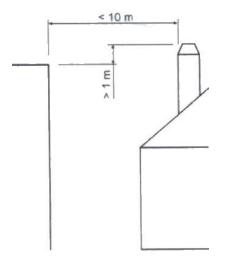


Figure No.9 - Distances between the chimney crown and objects within a 10m radius

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

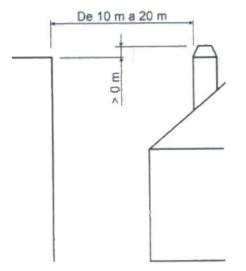


Figure No.10 - Distances between the chimney crown and objects within a radius of between 10 and 20m

### 2.4.3. Poor flue

If not all the requirements indicated previously have been met, smoke may escape from the appliance into the room in which it is installed when the firebox door

is opened. This is because the flue is unable to generate enough updraught.

Before doing anything else, the installer should correct deficiencies in the installation, bearing in mind: the material, insulation, diameter, airtightness, cleanliness, height, verticality/straightness, chimney crown, etc.

If sufficient updraught is not achieved by correcting the flue installation, Lacunza supplies an accessory for exceptional cases: a part which seals the top of the front part of the appliance and helps prevent smoke escaping into the room. Logically, this reduces both the view of the fire and the loading aperture on the appliance.

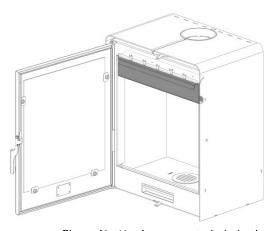


Figure No.11 - Accessory to help in the event of downdraught as a result of a poor flue

This accessory should be ordered from the factory and, considering that the problem is the result of a poor installation, must be paid for by the person ordering the part.



## 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:

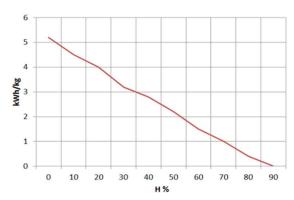


Figure No.12 - Relationship between firewood humidity and heat output.

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## 3.2. Description of the parts of the appliance

## 3.2.1. Operating components

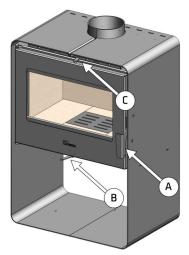


Figure No.13 - Operating components on the appliance

- A: Firebox door handle
- B: Primary air intake
  - B1 open (right)
  - o B2 closed (left)
- C: Secondary air intake
  - C1 open (right)
  - C2 closed (left)

### 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.

- 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.

## 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.

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.

Be careful when placing logs in the firebox on appliances with vermiculite interiors. Vermiculite is a fragile material and may crack if knocked. The use of wood with non-recommended humidity levels will quickly damage the vermiculite parts.

## 3.6. Operation

The appliance should be operated with the door 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

In this appliance, the double combustion is free, 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.

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 and 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.

## 3.8. Deflectors

The appliance has 2 vermiculite deflectors with a steel reinforcement that joins them together and another steel deflector above the vermiculite.

### Dismantling the deflector

First extract the reinforcement. In order to do this, draw it towards the front of the appliance to release it from the vermiculite parts.

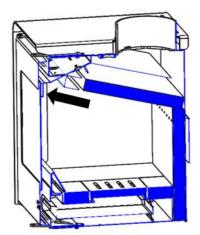


Figure No.14 - First movement to release the reinforcement

The vermiculite deflectors can then be extracted as shown:

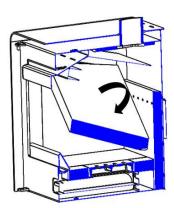


Figure No.15 - Extracting the vermiculite deflectors

Extract the rest of the firebox vermiculite.

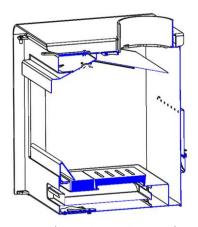


Figure No.16 - Extract the rest of firebox vermiculites

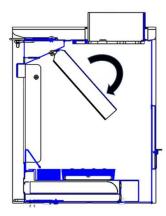


Figure No.17 - Turn and remove the upper Steel deflector



# 4. MAINTENANCE AND IMPORTANT ADVICE

## 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. Firebox

Clean the firebox area of ash, etc.

### 4.1.2. Inside the appliance

Clean the firebox area of ash. Clean the deflectors, where soot may build up.

#### 4.1.3. 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.

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

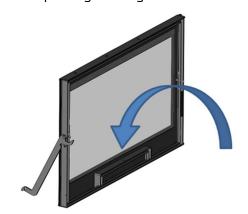
These parts should be cleaned with a brush or dry cloth. Do not dampen the parts: the steel could rust and the paint could blister and chip. Be particularly careful when cleaning the glass: the liquids used must not dampen the painted steel.

### 4.1.5. 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.

Attention, never let the product drip into the lower part of the glass. The accumulation of the cleaning product, with soot or ash residues, can damage the screen printing on the glass.



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 case, 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).



# 4.2. 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-authorised replacement parts be used.

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

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.



## TROUBLESHOOTING

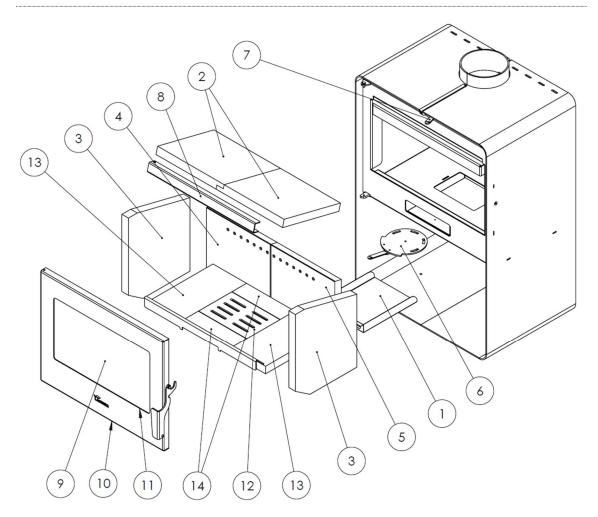
## 5. TROUBLESHOOTING



This symbol mea	ns that a qualified pro	fessior	nal should be called to perform the operation.
Problem	Probable causes		Solution
	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
The fire does not light properly	Poor-quality wood		Use hard woods which produce heat and embers (chestnut, ash, maple, birch, elm, beech, etc.)
The fire does not stay alight	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.)
· ·	Excessive primary air		Close the primary- and secondary-air intakes partially or totally
The fire flames up too much	Excessive updraught	*	Install a draught damper
Smoke given off on lighting	Poor-quality wood		Do not continually burn chips, carpentry scraps (plywood, pallets, etc.)
ngnung	Cold flue		Heat up the flue by burning a piece of paper in the firebox.
	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.
Smoke during burning	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
Does not warm up enough	The room is at low pressure	*	In rooms with Controlled Mechanical Ventilation, there must be an outdoor-air inlet
chough	Poor-quality wood		Only use the recommended fuel
	Too little wood loaded		Load as recommended. Loads notably smaller than those recommended lead to low smoke temperature and condensation.
Water condenses (after the appliance has been lit more than 3 or 4 times)	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





## **BASIC BREAKDOWNS**

Ν°	CÓDIGO	DENOMINACION	CANTIDAD
1	502570000000	Cenicero Ocean	1
2	5020000927	Deflector vermiculita Atlantic 600	2
_	502620000000	Deflector vermiculita Ocean 610	2
3	5020000928	Lateral vermiculita Atlantic 600	2
-	502670000001	Lateral vermiculita Ocean 610	2
4	5020000929	Ocean 600 Recer, Vermiculita Trasera IZQ	1
<b>-</b>	5026700012	Trasera Izda. vermiculita Ocean 610 Recer	1
5 -	5020000930	Ocean 600 Recer, Vermiculita Trasera DCHA	1
	5026700013	Trasera Dcha. vermiculita Ocean 610 Recer	1
6	5028200003	Calpe Star Registro Primario	1
7	502570000007	Pieza móvil registro secundario Ocean	1
8	5000000945	Ocean 600 Recer, Refuerzo deflector vermiculita	1
	502620000004	Cristal hogar Atlantic 600	1
9	502620000003	Cristal hogar Ocean 600	1
	502670000002	Cristal hogar Ocean 610	1
-	502670000003	Cristal hogar Atlantic 610	1
10	509020000042	Cordón Negro Ø13mm	3m
11	500000000510	Cordon plano pelos 8x2mm	2m
12	5040000904	Nickel-Adour, Parrilla hogar	1
13	5020000933	Ocean 600 Recer, Vermiculita Base IZQ-DCHA	2
14	5020000934	Ocean 600 Recer, Vermiculita Base DEL-TRAS	2



## 7. PRODUCT RECYCLING

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 centers 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



ES FR EN IT PT DE

N.º ES -S-018

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

#### DÉCLARATION DE PERFORMANCE

Selon le Réglement (UE) N° 305/2011 DECLARATION OF PERFORMANCE

According to Regulation (UE) N° 305/2011

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

DECLARAÇÃO DE PRESTAÇÕES

Em base com o Regulamento (UE) N° 305/2011 LEISTUNGSERKLÄRUNG

GemäßR. E. Bauprodukte (EU) Nr. 305/2011

0

Código de identificación única del producto tipo:
Code d'identification unique du product type:
Unique identification code of the product-type:
Codice diidentificazione unico del produtto-tipo:
Código de identificação único do produto-tipo:
Eindeutiger Kenncode des Produkttyps:

OCEAN 601-602-603-604-605 ATLANTIC 601-602-603-604-605

Usos previstos:

Usage(s) prévu(s):

Poêles de chauffage domestiques à combustible solid.

Intended

Residential solid fuel burning Roomheaters.

Usi previsti:

Stufa di riscaldamento domestici a combustibile solido.

Utilização(ôes) prevista(s):

Fogão de aquecimento residencial, alimentado por combustíveis sólidos.

Verwendungszweck(e):

Häusliche Raumheizer für feste Brennstoffe.

Fabricante:
Fabricant:
Manufacturer:

Fabbricante: Fabricant: Hersteller:

LACUNZA KALOR GROUP S.A.L. Pol. Ind. Ibarrea 5A 31800 Alsasua (Navarra) (Spain) T. (0034) 948563511 comercial@lacunza.net

Sistemas de evaluación y verificación de la constancia de las prestaciones (EVCP):

Système(s) d'évaluation et de vérification

Système(s) d'évaluation et de vérification de la constance des performances: System/s of AVCP: Sistemi di VVCP:

Sistema(s) de avaliação e verificação da regularidade do desempenho (AVCP): System zur Bewertung und Überprüfung der Leistungsbeständigkeit:

3

Norma armonizada:
Norme harmonisée:
Harmonised standard:

Norma armonizzata: Norma harmonizada: Harmonisierte Norm:

EN-16510-2-1 (2022)

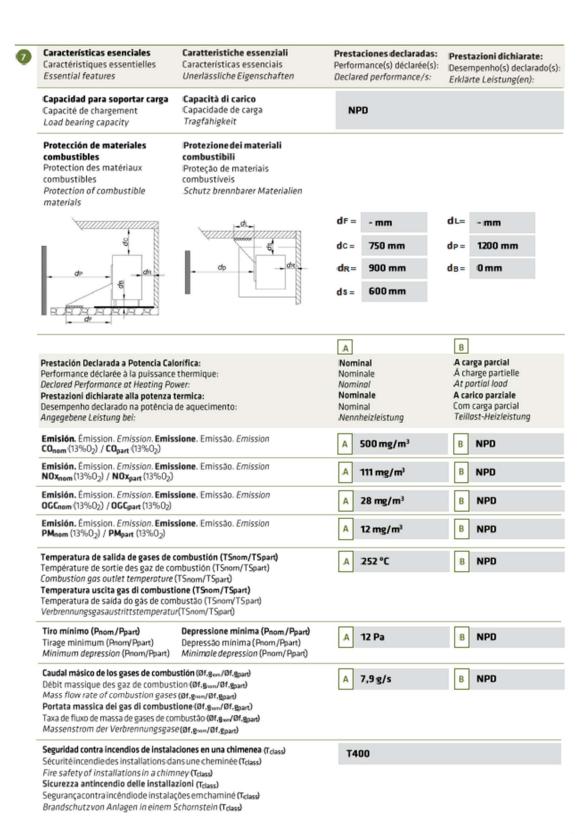
63 Organismos notificados:

Organisme(s) notifié(s): Notified body/ies: Organismi notificati:

Organismo(s) notificado(s): Notifizierte Stelle(n): RRF N° NB1625 Rhein-Ruhr Feuerstäten Prüfstelle GmbH Am Technologie Park 1 D-45307 ESSEN Notified Body 1625









Potencia de calefacción (Pnom/Ppart) Puissance de chauffe (Pnom/Ppart) Heating power (Pnom/Ppart)	Potenza di riscaldamento (Pnom/Ppart) Potencia de aquecimento (Pnom/Ppart) Heizleistung (Pnom/Ppart)	A 12 kW	B NPD
Potencia de calentamiento de agua (PW Pussance de chauffage de l'eau (PWnom Water heating power (PWnom/PWpart) Potenza di riscaldamento del l'acqua (I Potència de aquecimento (PWnom/PWp Wasserheizleistung (PWnom/PWpart)	n/PWpart) PWnom/PWpart)	A NPD	B NPD
Eficiencia (nnom/npart) Efficacité (nnom/npart) Efficiency (nnom/npart)	Efficienza (nnom/npart) Eficiência (nnom/npart) Effizienz (nnom/npart)	A 85,03%	B NPD
Eficiencia de calefacción estacional (ns) Efficacité du chauffage saisonnier (ns) Seasonal heating efficiency (ns)	Efficienza térmica stagionale (ηs) Eficiência de aquecimento sazonal (ηs) Salsonale Heizeffizienz (ηs)	75 %	
Índice eficiencia energética (EEI) Indice d'efficacité énergétique (EEI) Energy efficiency index (EEI)	Indice di efficienzaenergetica (EEI) Índice de eficiência energética (EEI) Energle effizienzindex (EEI)	113	
Classe Classe	Classe Classe Klasse	A+	
Consumo de energía eléctrica (elmáx / e Consommation d'énergie électrique (elr Electrical energy consumption (elmáx / Consumo di energia elettrica (elmáx / el Consumo de energia elétrica (elmáx / el Elektrischer Energieverbrauch (elmáx )	máx / elmín) / elmín) elmín) lmín)	A NPD	B NPD
Consumo de energía modo espera (el Consommation d'énergie en veille (elsb) Standby power consumption (elsb)			
Sostenibilidad medioambiental La durabilité environnementale Environmental sustainability	Sostenibilità ambientale Sustentabilildade ambiental Umweltverträglichkeit		

## Las prestaciones del producto identificado anteriormente son conformes con el conjunto de las prestaciones declaradas.

Les performances du produit identifié ci-dessus sont conformes à toutes les performances déclarées.

The performances of the product identified above are in accordance with all the declared performances.

# La presente declaración de prestaciones se emite, de conformidad con el Reglamento (UE) nº 305/2011, bajo la sola responsabilidad del fabricante arriba identificado.

Cette déclaration des performances est établie, conformément au Règlement (UE) n° 305/2011, sous la seule responsabilité du fabricant identifié ci-dessus.

This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

## Le prestazioni del prodotto sopra identificato sono conformi a tutte le prestazioni dichiarate.

Os desempenhos do produto acima identificados estão de acordo com todos os desempenhos declarados.

Die oben genannten Leistungen des Produkts entsprechen allen erklärten Leistungen.

# La presente dichiarazione di prestazione viene rilasciata, in con formità al Regolamento (UE) n. 305/2011, sotto la responsabilità esclusiva del produttore sopra identificato.

Esta declaração de desempenho é emitida, de acordo com o Regulamento (UE) n.º 305/2011, sob a exclusiva responsabilidade do fabricante acima identificado.

Die Erstellung dieser Leistungserklärung erfolgt gemäß Verordnung (EU) Nr. 305/2011 in alleiniger Verantwortung des oben genannten Herstellers.



LACUNZA KALOR GROUP S.A.L. Pol. Ind. Ibarrea 5A 31800 Alsasua (Navarra) (Spain) T. (0034) 948563511 comercial@lacunza.net www.lacunza.net Firmado por y en nombre del fabricante por:

Signé pour le fabricant et en son nom par: Signed for and on behalf of the manufacturer by:

Firmato a nome e per conto del fabbricante da: Assinado por eem nome do fabricante por: Unterzeichnet fürden Hersteller und im Namen des Herstellers von:

ALSASUA (Navarra, Spain) a 13/10/2025

Josephin d Flor

Igor Ruiz de Alegría Director Gerente de Negocio





ES-5-019

DECLARACIÓN DE PRESTACIONES Conforme al R. E. Productos Construcción (UE) Nº 305/2011

DÉCLARATION DE PERFORMANCE Selon le Réglement (UE) Nº 305/2011

DICUIADAZIONE DI PRECTAZIONE

DICHIARAZIONE DI PRESTAZIONE In base al Regolamento (UE) № 305/2011

DECLARATION OF PERFORMANCE According to Regulation (UE) № 305/2011

DECLARAÇÃO DE PRESTAÇÕES Em base com o Regulamento (UE) Nº 305/2011

LEISTUNGSERKLÄRUNG Gemäß R. E. Bauprodukte (EU) Nr. 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:

Name und/oder eindeutiger Identifikationscode des Produkts:

- Marca, marque, marca, mark, marca, markierung: Lacunza
- Tipo, type, tipo, type, tipo, nett: Estufa, Poêle, Stufa, Stove, Aquecedor, Holzofen
- Modelo, modèle, modello, model, model, modello, model

#### ATLANTIC 611, ATLANTIC 613, ATLANTIC 614

 Uso o usos previstos del producto: Estufa de carga manual, para quemar combustibiles sólidos (indicado en instrucciones), cuya función es calentar el espacio en el que está instalada.

Utilisation prévue du produit: Poêle 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: Stufa 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: 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: Aquecedor de carga manual, para queimar combustíveis sólidos (indicado nas instrucões), cuia função é aquecer o espaço no qual está instalado.

Vorgesehene Verwendung oder Verwendungen des Produkts: Handbeschickungsofen zum Verbrennen von festen Brennstoffen (in der Anleitung angegeben), deren Funktion darin besteht, den Raum zu beheizen, in dem er installiert

3. Nombre y dirección del fabricante:

Nom et adresse du fabricant:

Nome e indirizzo del fabbricante:

Name and adress of the manufacturer: Nome e endereco do fabricante:

Name und Anschrift des Herstellers:

LACUNZA KALOR GROUP S.A.L.

Pol. Ind. Ibarrea 5A 31800 Alsasua (Navarra) (España)

Télefono: (0034) 948563511 Fax: (0034) 948563505

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

System zur Bewertung und Überprüfung der Leistungsbeständigkeit: 3

 Organismo Notificado, Laboratoire notifié, Laboratorio notificato, Laboratory notified, Laboratório notificado, Gemeldeter Organismus:

STROJÍRENSKÝ ZKUŠEBNÍ ÚSTAV, S.P.

Engineering Test Institute, Public Enterprise

Hudcova 424/56b, 621 00 Brno, Czech Republic. Notified Body 1015

Por el sistema, Selon le system, In base al system, Based on system, Em base ao system, vom 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), Ausgestelltes Dokument (Datum): CPR-B-02010-21 (30-11-2021)



## **DECLARATION OF PERFORMANCE**

 Prestaciones declaradas, Performance déclarée, Prestazioni dichiarate, Services declare, Desempenhos declarados, Deklarierte Vorteile:

Especificaciones técnicas armonizadas, Spécifications techniques armonices, Specifica técnica harmonizada, Harmonisierte technische Spezifikationo			, Especifica
Características esenciales, Caractéristiques essentielles, Caratterístiche essenziall, Essential features, Características essenciais, Unerlässliche Eigenschaften	100000000000000000000000000000000000000	aciones, Performance, Prestazione, Services, De Leistungen	sempenho,
Reacción al fuego, Resistance au feu, Resistenza al fuoco, Resistance to fire, Resistênza a Reaktion auf Feuer	o fogo,	Cumple, Conforme, Conforme, Complia Conformidade, Gemäß	nt, Em
Distancia minima de seguridad a materiales combustibles, Distance minimum aux matériaux combustibles, Dintanza minima da materiali combustibili, Minimum distance from combustible material, Distância minimo de materialis combustíveis, Mindestsicherheitsabstand zu brennbaren Materialien	Derecha Trasera, Delante	gauche, sinistra, left, esq uerda, links : 200mm droite, diritto, right, direito, rechts: 200mm urière, retro, back, traseira, rückseite: 300mm a, avant, fronte, front, frente, vorne: 600mm , dessus, sopra, above, acima, arbeitsplatte: 300mm	
Temperatura humos a potencia térmica nominal, Température des fumées, Temperatura Fume temperatura, Temperatura dos gases de combustão, Rauchtemperatur bei Nennwärmeleistung	s furni,	267 °C	
Emisión, Emission, Emissione, Emissão, Emission, Ausgabe CO 13% O2		0,07 %	
Emisión, Emission, Emissione, Emissão, Emission, Ausgabe CO 13% O2		851 mg/Nm <sup>3</sup>	
Emisión, Emission, Emissione, Emissão, Emission, Ausgabe NOx 13% 02		136 mg/Nm <sup>3</sup>	
Emission, Emissione, Emissione, Emission, Ausgabe OGC 13% O2		57 mg/Nm³	
Emisión, Emission, Emissione, Emissão, Emission, Ausgabe PM 13% O2		26 mg/Nm³	
Desprendimiento de sustancias peligrosas, Rejet de substances dangereuses, Rilascio di s pericolose, Release of hazardous substances, Lançamento de substâncias perigosas, Frei von Gefahrstoffen		Cumple, Conforme, Conforme, Complia Conformidade, Gemäß	int, Em
Temperatura superficial, Température de surface, Temperatura superficiale, Surfac temperatura, Temperatura superficial, Oberflächentemperatur	0	Cumple, Conforme, Conforme, Complia Conformidade, Gemäß	ent, Em
Seguridad eléctrica, Sécurité électrique, Sicurezza elettrica, Electrical safety, Segurança e elektrische Sicherheit	létrica,	### ##################################	
Presión máxima de servicio (palla), Pression maximale de service, Máxima pressione di e: Maximun operating pressure, Máxima pressão de exercicio, Maximaler Arbeitsdruck (P	8717	*	
Resistencia mecânica (para soportar una chimenea/un conducto de humos), Resista mecanique (pour souvenir la cheminée), Resistenza mecânica (per supportare il cami Mechanica) strength (to support the fireplace), Resistència mecânica (para suportar a ch Mechanischer Widerstand (zur Unterstützung eines Schornsteins/Abzugs)	no),	Cumple, Conforme, Conforme, Compliant, Em Conformidade, Gemäß	
Potencia térmica ambiente, Puissance rendue au milieu, Potenza resa all'ambiente, Power output to the environment, Potència libertada no ambiente, Umgebungswärmeleistung		11 kW	
Potencia térmica agua, Puissance rendue à l'eau, Potenza ceduta all'acqua, Power transferred to water, Potência cedida à agua, Thermalkraft Wasser		2	
Rendimiento energético, Rendement, Rendimento, Efficiency, Atuação, Energieeffiz	enz	82,5 %	

Las prestaciones del producto identificado en el punto 1 son conformes con las prestaciones declaradas en el punto 6. La performance du produit citée 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. Die Leistung des in Nummer 1 genannten Produkts entspricht der in Nummer 6 angegebenen Leistung.

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 exclusiva del fabricante 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 exclusive do fabricante referido no ponto 3. Diese Leistungserklärung wird in alleiniger Verantwortung des Herstellers ausgestellt, wie in Punkt 3 angegeben.

LACUNZA
LACURZA Kalor Eroup S.A.1
NIF A-39/6/6/6/32
Poligono Industrial Houndo s/n
31800 Alsanua [Nazarra] Spain

José Julián Garciandía Pellejero Director Gerente Alsasua 03-01-2022



### 9. CE MARK



LACUNZA KALOR GROUP S.A.L. Pol. Ind. Ibarrea 5A 31800 Alsasua (Navarra) (Spain) www.lacunza.net

DoP: ES-S-018 EN 16510-2-1 (2022)

Marca, Marque, Mark, Marca, Marca, Markierung: LACUNZA

Tipo, Type, Type, Tipo, Tipo, Nett: Estufa, Poêle, Stufa, Stove, Aquecedor, Holzofen Modelo, Modèle, Model, Modello, Modell: OCEAN 601-602-603-604-605

Organismo notificado: Organisme notifié: Notified body: Organismi notificati: Organismo notificado: Notifizierte Stelle: RRF Nº 1625 Aparato Tipo, Type d'appareil, Apparatus Type, Tipo di apparecchio, Tipo de aparelho, Gerätetyp: **BE** 

Estufa de calefacción residencial, alimentada con combustibles sólidos. Poêles de chauffage domestiques à combustible solid. Residential solid fuel burning Roomheaters. Stufa di riscaldamento domestici a combustibile solido. Fogão de aquecimento residencial, alimentado por combustíveis sólidos. Häusliche Raumheizer für feste Brennstoffe.

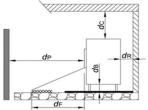
#### Características esenciales, Caractéristiques essentielles, Essential features, Caratteristiche essenziali, , Características essenciais, Unerlässliche Eigenschaften

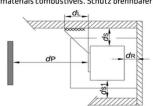
Prestaciones, Performance, Prestazione, Services, Desempenho, Leistungen

NPD

Capacidad para soportar carga, Capacité de chargement, Load bearing capacity, Capacità di carico, Capacidade de carga, Tragfähigkeit

Protección de materiales combustibles. Protection des matériaux combustibles. Protection of combustible materials. Protezione dei materiali combustibili. Proteção de materiais combustíveis. Schutz brennbarer Materialien





dS1 = 600mm dR = 900mm dP = 1200mm dL = -mmdC = 750mm dF = -mm

dB = 0mm

A cours possible

dS = 600mm

Consumo de energía modo espera. Consommation d'énergie en veille. Standby power consumption. Consumo energético in standby. Consumo de energia em espera. Standby-Stromverbrauch (elsb)		NPD
Consumo de energía eléctrica. Consommation d'énergie électrique. Electrical energy consumption. Consumo di energia elettrica. Consumo de energia elétrica. Elektrischer Energieverbrauch (elmáx / elmín)	NPD	NPD
Clase. Classe. Classe. Classe. Klasse		A+
energética. Índice de eficiência energética. Energieeffizienzindex <b>(EEI)</b>		113
Indice eficiencia energética. Indice d'efficacité énergétique. Energy efficiency index. Indice di efficienza		
efficiency. Efficienza térmica stagionale. Eficiência de aquecimento sazonal. Saisonale Heizeffizienz <b>(ŋs)</b>	7	<b>75</b> %
Eficiencia. Efficacité. Efficiency. Efficienza. Eficiência. Effizienz (nom/npart)  Eficiencia de calefacción estacional. Efficacité du chauffage saisonnier. Seasonal heating	85,03 %	NPD
riscaldamento del l'acqua. Potência de aquecimento. Wasserheizleistung (PWnom/PWpart)	NPD	NPD
aquecimento. Heizleistung (Pnom/Ppart)  Potencia de calentamiento de agua. Pussance de chauffage de l'eau. Water heating power.Potenza di	12 kW	NPD
Potencia de calefacción. Puissance de chauffe. Heating power. Potenza di riscaldamento. Potência de		
cheminée. Fire safety of installations in a chimney. Sicurezza antincendio delle installazioni. Segurança contra incêndio de instalações em chaminé.Brandschutz von Anlagen in einem Schornstein <b>(Tclass)</b>	1	400
Seguridad contra incendios de instalaciones en una chimenea. Sécurité incendie des installations dans une		
Massenstrom der Verbrennungsgase (Øf,gnom/Øf,gpart)	,,- 5,-	
combustion gases. Portata massica dei gas di combustion. Taxa de fluxo de massa de gases de combustão.	7,9 g/s	NPD
Caudal másico de los gases de combustión. Débit massique des gaz de combustion. Mass flow rate of		
depression (Pnom/Ppart)	12 Pa	NPD
Verbrennungsgasaustrittstemperatur. <b>(TSnom/TSpart)</b> Tiro mínimo. Tirage mínimum. Minimum depression. Depressione mínima. Depressão mínima. Minimale		
gas outlet temperature. Temperatura uscita gas di combustione. Temperatura de saída do gás de combustão.	252 °C	NPD
Temperatura de salida de gases de combustión. Température de sortie des gaz de combustión. Combustion	252.05	NDD
Emisión. Émission. Emissione. Emissão. Emissão PMnom (13%02) / PMpart (13%02)	12 mg/m <sup>3</sup>	NPD
Emission. Émission. Emission. Emissione. Emissão. Emission OGCnom (13%02)/OGCpart (13%02)	28 mg/m <sup>3</sup>	NPD
Emission. Émission. Emissione. Emissão. Emission NOxnom (13%02)/NOxpart (13%02)	111 mg/m <sup>3</sup>	NPD
Emisión. Émission. Emission. Emissione. Emissão. Emission COnom (13%02) / COpart (13%02)	500 mg/m <sup>3</sup>	NPD
	Nennheizleistung	Teillast-Heizleistung
Desempenho declarado na potência de aquecimento: Angegebene Leistung bei:	Nominal	Com carga parcial
Declared Performance at Heating Power: Prestazioni dichiarate alla potenza termica:	Nominale	A carico parziale
Prestación Declarada a Potencia Calorífica: Performance déclarée à la puissance thermique:	Nominal	At partial load
	Nominal Nominale	A carga parcial  Á charge partielle





## LACUNZA KALOR GROUP S.A.L. Pol. Ind. Ibarrea 5A 31800

Alsasua (Navarra) (Spain) www.lacunza.net

Marca, Marque, Mark, Marca, Marca, Markierung: LACUNZA

Tipo, Type, Type, Tipo, Tipo, Nett: Estufa, Poêle, Stufa, Stove, Aquecedor, Holzofen Modelo, Modèle, Model, Modelo, Modell: ATLANTIC 601-602-603-604-605

Organismo notificado: Organisme notifié: Notified body: Organismi notificati: Organismo notificado: Notifizierte Stelle: RRF Nº 1625 Aparato Tipo, Type d'appareil, Apparatus Type, Tipo di apparecchio, Tipo de aparelho, Gerätetyp: **BE** 

DoP: ES-S-018

Estufa de calefacción residencial, alimentada con combustibles sólidos. Poêles de chauffage domestiques à combustible solid. Residential solid fuel burning Roomheaters. Stufa di riscaldamento domestici a combustibile solido. Fogão de aquecimento residencial, alimentado por combustíveis sólidos. Häusliche Raumheizer für feste Brennstoffe.

#### Características esenciales, Caractéristiques essentielles, Essential features, Caratteristiche essenziali, , Características essenciais, Unerlässliche Eigenschaften

Prestaciones, Performance, Prestazione, Services, Desempenho, Leistungen

EN 16510-2-1 (2022)

Capacidad para soportar carga, Capacité de chargement, Load bearing capacity, Capacità di carico, Capacidade de carga, Tragfähigkeit

NPD

Nominal

Protección de materiales combustibles. Protection des matériaux combustibles. Protection of combustible materials. Protezione dei materiali combustibili. Proteção de materiais combustíveis. Schutz brennbarer Materialien dS = 600mm

dS1 = 600mm

dR = 900mm dP = 1200mm

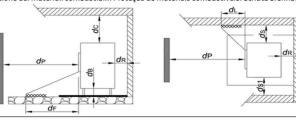
dL = -mm

dC = 750mm

dF = -mm

A carga parcial

dB = 0mm



Prestación Declarada a Potencia Calorífica: Performance déclarée à la puissance thermique: Declared Performance at Heating Power: Prestazioni dichiarate alla potenza termica: Desempenho declarado na potência de aquecimento: Angegebene Leistung bei:	Nominale Nominal Nominale Nominal Nennheizleistung	Á charge partielle At partial load A carico parziale Com carga parcial Teillast-Heizleistung
Emisión. Émission. Emission. Emissione. Emissão. Emission COnom (13%02) / COpart (13%02)	500 mg/m <sup>3</sup>	NPD
Emisión. Émission. Emission. Emissione. Emissão. Emission NOxnom (13%O2)/NOxpart (13%O2)	111 mg/m <sup>3</sup>	NPD
Emisión. Émission. Emission. Emissione. Emissão. Emission OGCnom (13%O2)/OGCpart (13%O2)	28 mg/m <sup>3</sup>	NPD
Emisión. Émission. Emission. Emissione. Emissão. Emission PMnom (13%02) / PMpart (13%02)	12 mg/m <sup>3</sup>	NPD
Temperatura de salida de gases de combustión. Température de sortie des gaz de combustión. Combustion gas outlet temperature. Temperatura uscita gas di combustione. Temperatura de saída do gás de combustão. Verbrennungsgasaustrittstemperatur. (TSnom/TSpart)	252 ℃	NPD
Tiro mínimo. Tirage mínimum. Minimum depression. Depressione mínima. Depressão mínima. Minimale depression (Pnom/Ppart)	12 Pa	NPD
Caudal másico de los gases de combustión. Débit massique des gaz de combustion. Mass flow rate of combustion gases. Portata massica dei gas di combustion. Taxa de fluxo de massa de gases de combustão. Massenstrom der Verbrennungsgase (Øf,gnom/Øf,gpart)	7,9 g/s	NPD
Seguridad contra incendios de instalaciones en una chimenea. Sécurité incendie des installations dans une cheminée. Fire safety of installations in a chimney. Sicurezza antincendio delle installazioni. Segurança contra incêndio de instalações em chaminé. Brandschutz von Anlagen in einem Schornstein (Tclass)	Т	400
Potencia de calefacción. Puissance de chauffe. Heating power. Potenza di riscaldamento. Potência de aquecimento. Heizleistung (Pnom/Ppart)	12 kW	NPD
Potencia de calentamiento de agua. Pussance de chauffage de l'eau. Water heating power.Potenza di riscaldamento del l'acqua. Potência de aquecimento. Wasserheizleistung (PWnom/PWpart)	NPD	NPD
Eficiencia. Efficacité. Efficiency. Efficienza. Eficiência. Effizienz (nnom/npart)	85,03 %	NPD
Eficiencia de calefacción estacional. Efficacité du chauffage saisonnier. Seasonal heating efficiency. Efficienza térmica stagionale. Eficiência de aquecimento sazonal. Saisonale Heizeffizienz ( <b>ŋs</b> )	7	<b>75</b> %
Índice eficiencia energética. Indice d'efficacité énergétique. Energy efficiency index. Indice di efficienza energética. Índice de eficiência energética. Energieeffizienzindex <b>(EEI)</b>		113
Clase. Classe. Classe. Classe. Klasse		A+
Consumo de energía eléctrica. Consommation d'énergie électrique. Electrical energy consumption. Consumo di energia elettrica. Consumo de energia elétrica. Elektrischer Energieverbrauch (elmáx / elmín)	NPD	NPD
Consumo de energía modo espera. Consommation d'énergie en veille. Standby power consumption. Consumo energético in standby. Consumo de energia em espera. Standby-Stromverbrauch <b>(elsb)</b>		NPD





## LACUNZA KALOR GROUP S.A.L. Pol. Ind. Ibarrea 5A 31800 Alsasua (Navarra) (Spain)

Número, Nombre, Numero, Number, Número, Nummer: ES-S-019

Marca, marque, marca, mark, marca, markierung: Lacunza
Tipo, type, tipo, type, tipo, nett: Estufa, Poêle, Stufa, Stove, Aquecedor,
Holzofen

Modelo, modèle, modello, model, modelo, modell: ATLANTIC 613, OCEAN 613

Organismo notificado, Laboratoire notifié, Laboratorio notificato, Laboratory notified, Laboratorio notificado, Notifizierter

Organismus: SZU Nº 1015

Aparato Tipo, Type d'appareil, Tipo di apparecchio, Apparatus Type, Tipo de aparelho, Gerätetyp: **BE** 

Estufa de carga manual, para quemar combustibles sólidos (indicado en instrucciones), cuya función es calentar el espacio en el que está instalada. Funcionamiento Intermitente. Para conducto humos no compartido.

Poêle qui se charge manuellement, conçu pour brûler des combustibles solides (indiqués dans Manuel d'Instructions), dont la fonction est de chauffer l'espace où il est installé. Fonctionnement intermittent. Pour conduit non partagé.

Stufa a carico manuale, per bruciare combustibili solidi (indicati nelle istruzioni), la cui funzione è riscaldare lo spazio in cui è installato. Funzionamento intermittente. Per condotto non condiviso.

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. Intermittent operation. For non-shared conduit.

Aquecedor de carga manual, para queimar combustíveis sólidos (indicado nas instruções), cuja função é aquecer o espaço no qual está instalado. Operação intermitente. Para conduíte não compartilhado.

Manueller Beschickungsofen zum Verbrennen von festen Brennstoffen (in der Anleitung angegeben), dessen Funktion darin besteht, den Raum zu erwärmen, in dem er installiert ist. Intermittierender Betrieb. Für nicht geteilten Rauchkanal.

#### EN13240:2001/A2:2004/AC:2007

Características esenciales, Caractéristiques essentielles, Caratteristiche essenziali, Essential features, Características essenciais, unerlässliche Eigenschaften

Prestaciones, Performance, Prestazione, Services, Desempenho, Leistungen

Reacción al fuego, Resístance au feu, Resistenza al fuoco, Resistance to fire, Resistênza ao fogo, Reaktion auf Feuer Cumple, Conforme, Conforme, Compliant, Em Conformidade, Gemäß

Distancia mínima de seguridad a materiales combustibles, Distance minimum aux matériaux combustibles, Dintanza minima da materiali combustibili, Minimum distance from combustible material, Distância mínimo de materialis combustíveis, Mindestsicherheitsabstand zu brennbaren Materialien

Izquierda, gauche, sinistra, left, esquerda, links: 200mm Derecha, droite, diritto, right, direito, rechts: 200mm Trasera, arrière, retro, back, traseira, rückseite: 300mm Delantera, avant, fronte, front, frente, vorne: 600mm Encimera, dessus, sopra, above, acima, arbeitsplatte: 300mm

opia, above, aciilia, ai beitspiatte. 300i	breninbaren Materialien Efficiliera, dessus, sol
ne 267 ºC	Temperatura humos a potencia térmica nominal, Température des fumées, Temperatura fumi, Fume temperatura, Temperatura dos gases de combustão, Rauchtemperatur bei Nennwärmeleistung
0,07%	Emission, Emission, Emissione, Emissão, Emissão, Ausgabe CO 13% O2
851 mg/Nm <sup>3</sup>	Emisión, Emission, Emissione, Emissão, Emission Ausgabe, CO 13% O2
136 mg/Nm <sup>3</sup>	Emisión, Emission, Emissione, Emissão, Emission, Ausgabe NOx 13% O2
57 mg/Nm <sup>3</sup>	Emisión, Emission, Emissione, Emissão, Emission, Ausgabe OGC 13% O2
26 mg/Nm <sup>3</sup>	Emisión, Emission, Emissione, Emissão, Emission, Ausgabe PM 13% O2
Cumple, Conforme, Conforme,	Desprendimiento de sustancias peligrosas, Rejet de substances dangereuses, Rilascio di sostanze
n Compliant, Em Conformidade, Ger	pericolose, Release of hazardous substances, Lançamento de substâncias perigosas, Freisetzung von
	Gefahrstoffen
Cumple, Conforme, Conforme,	Temperatura superficial, Température de surface, Temperatura superficiale, Surface temperatura,
Compliant, Em Conformidade, Ger	Temperatura superficial, Oberflächentemperatur
_	Seguridad eléctrica, Sécurité électrique, Sicurezza elettrica, Electrical safety, Segurança elétrica,
	elektrische Sicherheit
_	Presión máxima de servicio (paila), Pression maximale de service, Máxima pressione di esercizio,
	Maximun operating pressure, Máxima pressão de exercicio, Maximaler Arbeitsdruck (Pfanne)
	Resistencia mecánica (para soportar una chimenea/un conducto de humos), Resístanse mécanique
to Cumple, Conforme, Conforme,	pour souvenir la cheminée), Resistenza mecánica (per supportare il camino), Mechanical strength (to
Compliant, Em Conformidade, Ger	support the fireplace), Resistência mecânica (para suportar a chaminé), Mechanischer Widerstand
	(zur Unterstützung eines Schornsteins/Abzugs)
o 11 kW	Potencia térmica ambiente, Puissance rendue au milieu, Potenza resa all'ambiente, Power output to
II KVV	the environment, Potência libertada no ambiente, Umgebungswärmeleistung
_	Potencia térmica agua, Puissance rendue à l'eau, Potenza ceduta all'acqua, Power transferred to
_	wáter, Potência cedida à agua, Thermalkraft Wasser
82,5 %	Rendimiento energético, Rendement, Rendimento, Efficiency, Atuação, Energieeffizienz

LACUNZA KALOR GROUP S.A.L

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EDITION: 6

