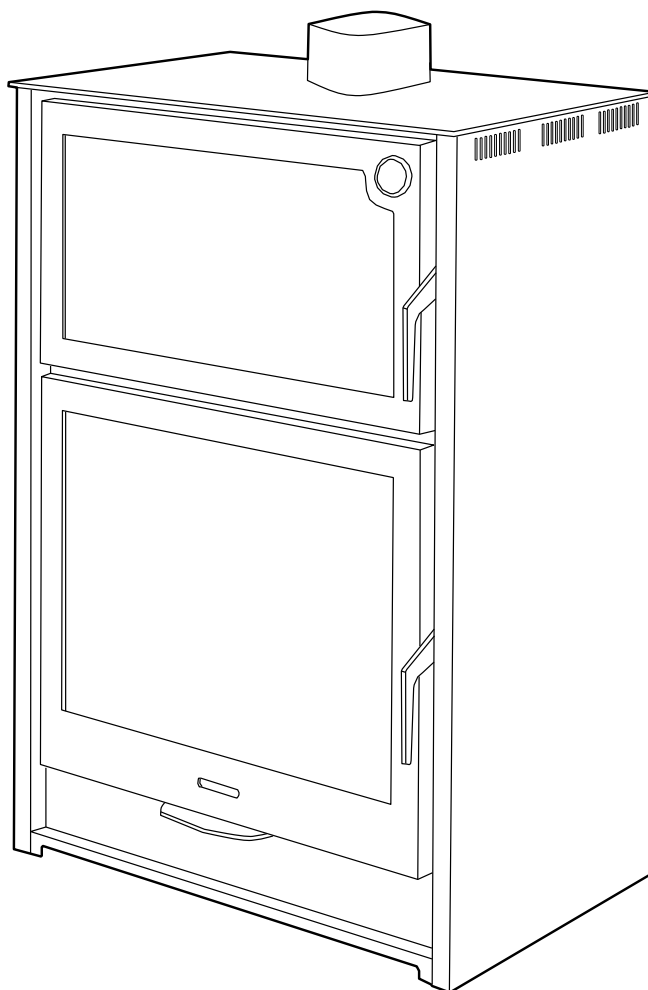


hergom

ARCE



INSTALLATION, USE AND MAINTENANCE INSTRUCTIONS.

WELCOME to the HERGÓM family.

We would like to thank you for choosing our ARCE Stove Oven, which represents, in technique and style, a significant improvement on typical log ovens.

Your new Oven is, perhaps, the most advanced solid fuel heating system known today. Owning a HERGOM Stove-Oven displays an exceptional sense of quality.

Please read this manual in full. Its purpose is to familiarise users with the device by explaining extremely useful installation, operational and maintenance instructions. Keep this manual at hand for future reference whenever necessary.

If, after reading this manual, you should require any further clarification, please consult your regular dealer.

INDUSTRIAS HERGÓM, S.L. may not be held liable for any damages caused by alterations in its products that have not been authorised in writing, or for defective installation work.

Furthermore, it reserves the right to change its products without prior warning.

Industrias Hergóm, S.L. domiciled in Soto de la Marina (Cantabria) - Spain, offers a TWO YEAR warranty on its products.

The geographical coverage of the said warranty only includes the countries in which Industrias Hergom, S.L., a subsidiary company or an official importer distribute its products and where Community Directive 2011/83/UE is in force.

The warranty comes into force on the purchase date of the product as indicated on the warranty document and only covers damage or breakages due to manufacturing defects.

IMPORTANT NOTE

If the device is not installed correctly, it will not provide the excellent service for which it has been designed. Please, read these instructions in full and trust the work to a specialist.

The surface of your device is protected by a coat of special anti-heat paint that resists high temperatures. When lighting the fireplace for the first few times, the said paint may emit some fumes. This is normal and is due to the evaporation of certain components of the paint while it adapts to the heat. We, therefore, recommend ventilating the room until this phenomenon ceases to appear.

1 - INTRODUCTION

IMPORTANT! All local regulations, including those that refer to national or European regulations, must be applied when installing this device.

The way the ARCE Stove-Oven is installed will decisively affect safety issues and its correct operation.

It is important to install the fireplace correctly. For the correct installation of the AREC Stove-Oven and chimney, we recommend the installation be performed by a professional.

The ARCE Stove-Oven provides heat by radiation; directly heating walls, ceilings...

2 - PRESENTATION



FIG. 1

This device features the following main functions:

- Barbecue and Heater in the lower fireplace.
- Grill in top oven.

The main features of this log Stove / Grill are:

Fireplace (Lower section)

- Cast Iron Grill and refractory brick base.
- Steel door with glass ceramic pane.
- Adjustable combustion through primary air

valves and glass cleaning by air

- Cast iron walls with removable supports for the placement of the grills.
- Removable grill.

Oven (upper section)

- Steel door with glass ceramic pane and thermometer.
- Capacity, 52 litres.
- Stainless steel walls, top and rear.
- Stainless steel oven that can be disassembled to clean the chimney.
- Removable grill fixtures to make it easier to clean the oven.
- 2 chromed steel spits. (For use in the oven or the fireplace).
- Stainless steel tray.

Furthermore ...

- Steel controls.
- Flue for Ø150 mm pipes.
- The whole is protected with black heatproof paint (RAL 9004).

In order to take advantage of the heat generated by the Oven, a number of air intakes have been installed at the bottom of the unit that, by means of convection, force hot air to flow from the top outlets. This provides a double function: the first is to cool the walls of the unit and the second is to generate heat that is transferred to the exterior.

3 - INSTALLATION

Adjusting the levelling legs

The two levelling legs, which will have to be adjusted if the device is placed on an uneven surface, can be found at the front of the device. It is important to level the unit correctly.

For information on the correct installation of the device, please see the **Manual for the Professional Installer**.

Thermometer and grill

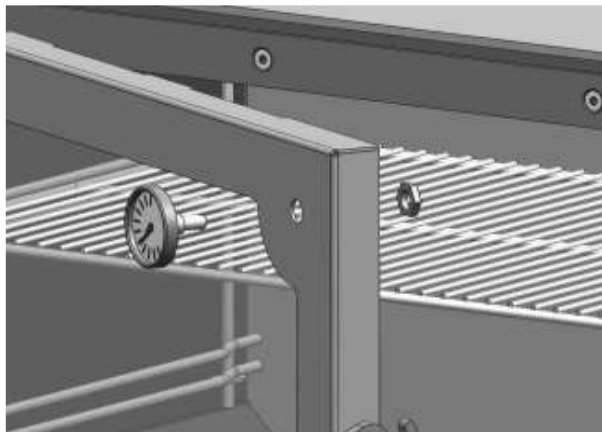


FIG. 2

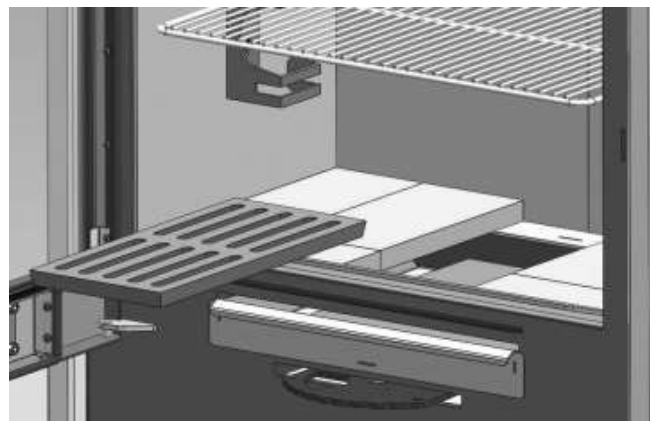
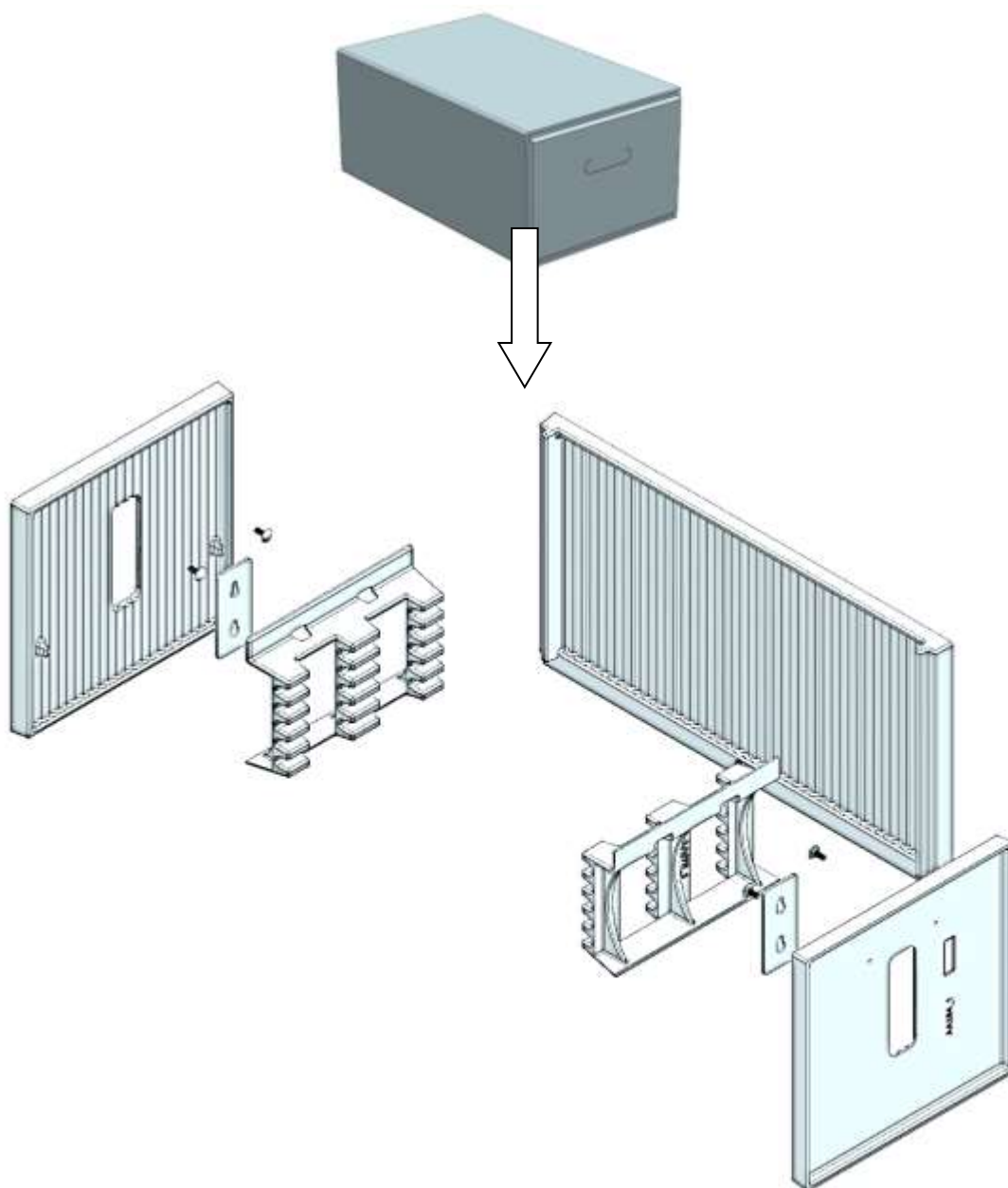
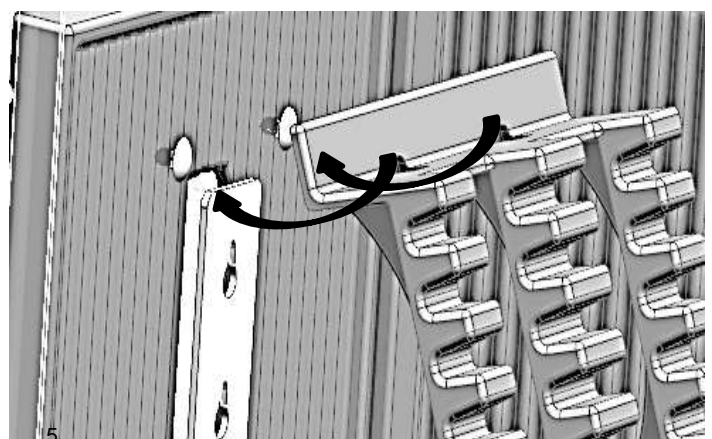
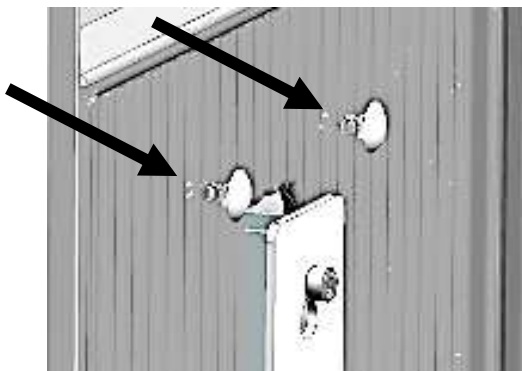
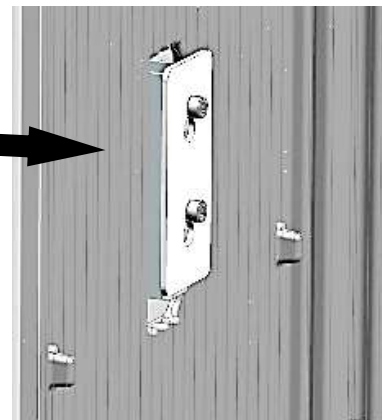
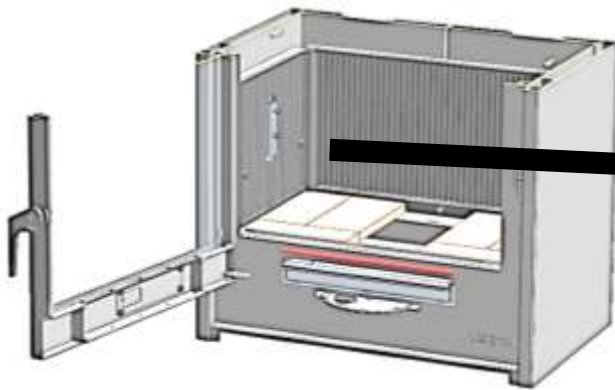
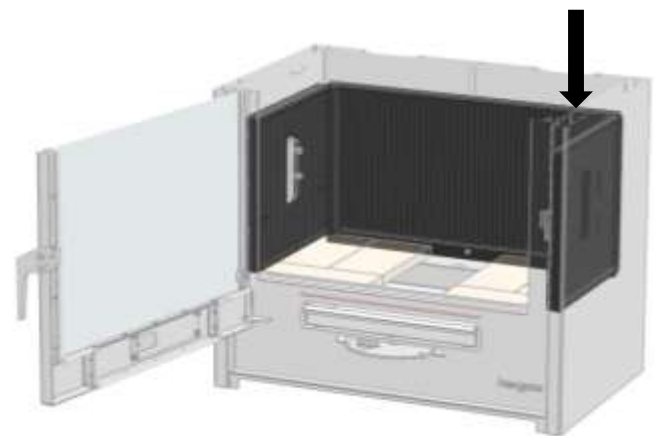
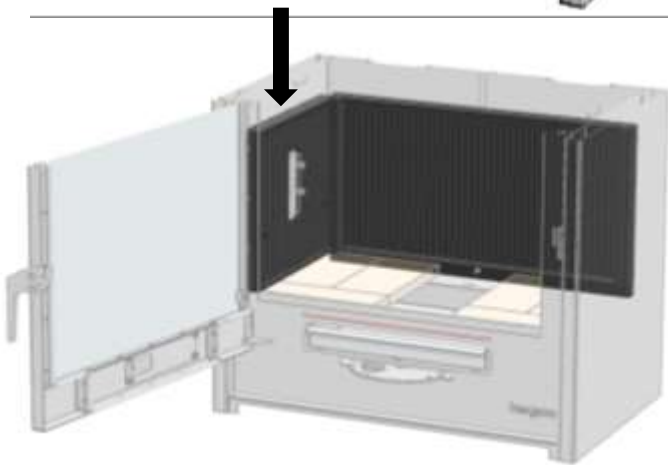
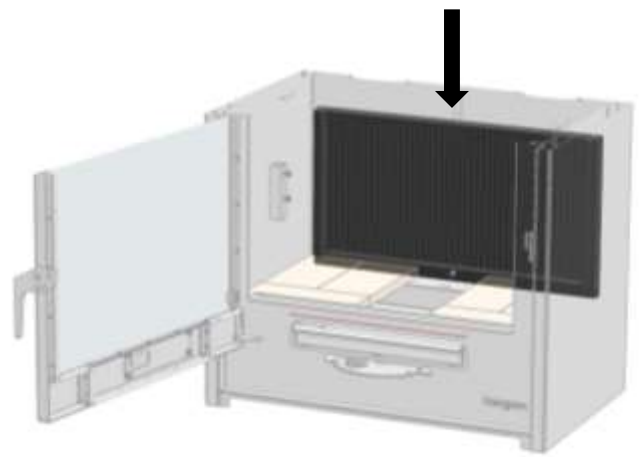
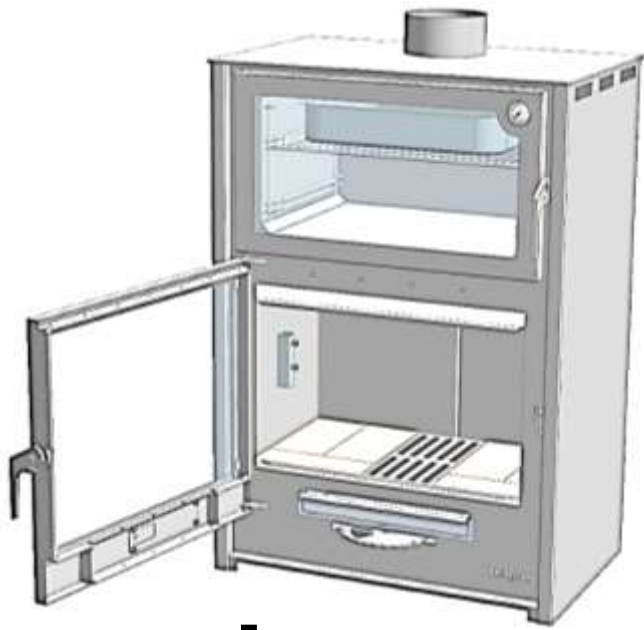
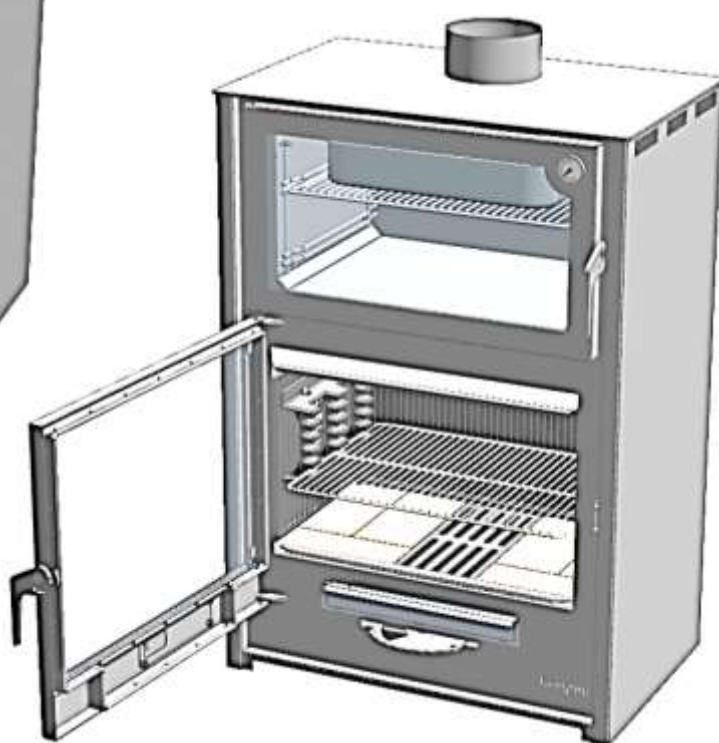
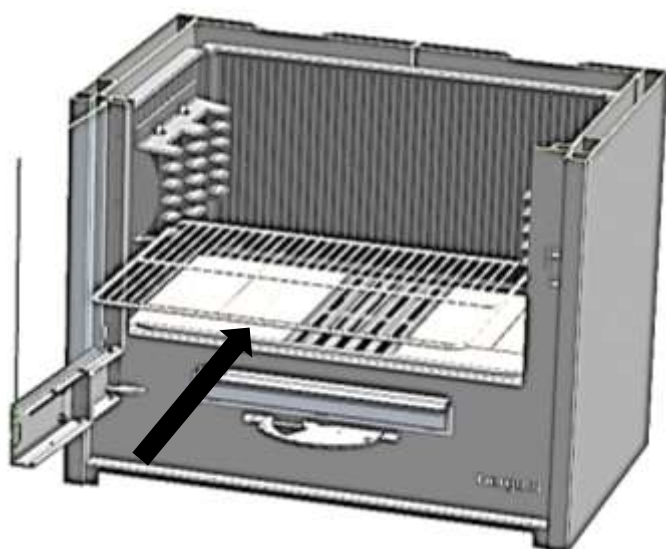
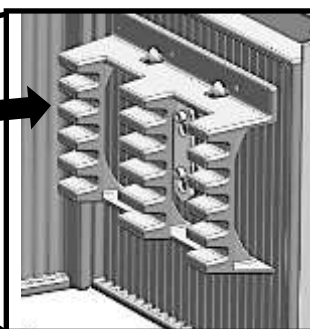
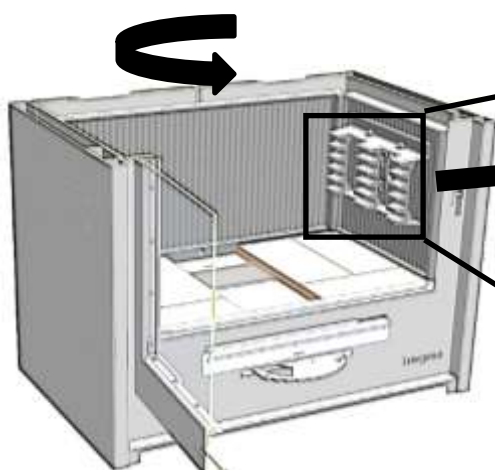
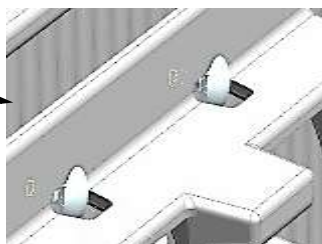
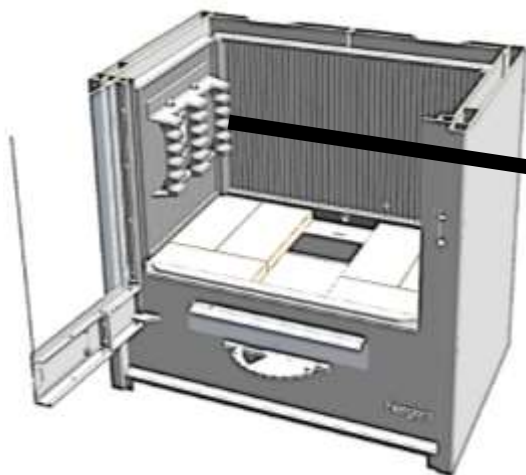


FIG. 3

Installing the cast iron interior lining of the fireplace







4 - INSTRUCTIONS OF USE

Once your oven has been installed and connected to the chimney, you are ready to light the fire.

Although your oven is easy to use, the combustion process of solid fuels is complicated, as it involves several factors and it takes time and experience to understand the process.

Before lighting your oven for the first time, please take time to become familiar with the different control systems and parts of the unit, how to choose the wood, how to light it and use it on a daily basis (Fig. 4).

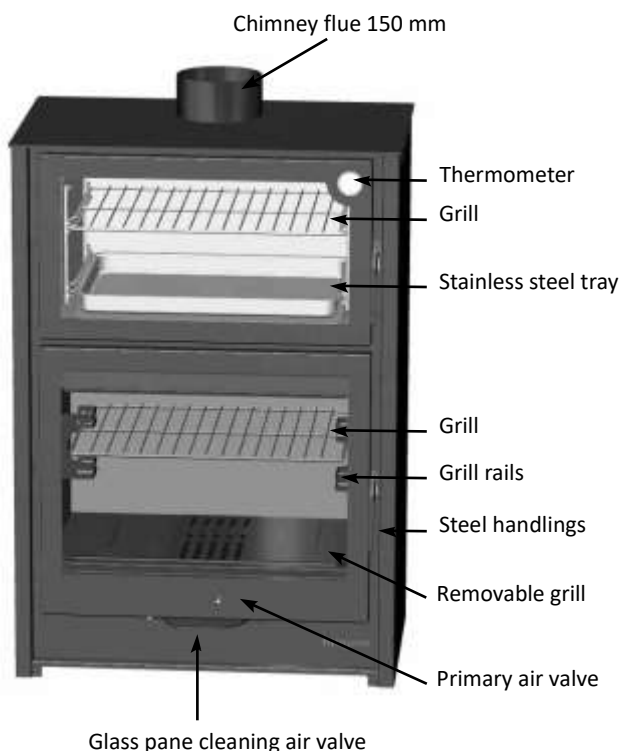


FIG. 4

Primary air control

This controls the air entering the fireplace through the grille. It is helpful when lighting the fire.

Glass pane cleaning valve

It directs combustion air from the top of the door and creates a film over the glass pane that prevents soot particles from adhering. (Fig.5)

Lighting up for the first time

When lighting the fire for the first time, we recommend a slow fire for 3 to 4 hours. This will help stabilise the different components and avoid



FIG. 5

any possible breakages.

In order to light up the oven, start by opening the primary combustion air valve and the glass pane cleaning valve by moving the lever to the left.

Once you have achieved the combustion rate you desire, adjust the valves to maintain it. Usually, you may close the primary air valve completely and control the level of combustion with the glass pane cleaning air valve.

When lighting for the first times, you may notice smells due to the polymerisation of the paint or lining covering certain parts of the unit. This is normal and disappears after 3 or 4 uses.

Daily use

After lighting up for the first time, your oven will be ready for daily use. When your oven is cold, we recommend lighting it up slowly.

The heat you wish to generate in your oven will depend on the frequency and the amount of firewood you load.

Depending on the temperature required for cooking, regulate the rate of combustion by adjusting the air inlet valves.

This will enable you to obtain the desired temperature and maintain it as long as required for cooking purposes.

Always control oven temperature by means of the thermometer installed on the door.

Overheating

Overheating means that you have operated your oven at excessively high temperatures for a long period of time. This can damage your unit and, therefore, it is a situation that must be avoided.

Overheating is the result of excessive draw, due to any of the following reasons:

- The primary air valve is excessively open for the type of wood being used.
- The chimney is too big.
- Improper maintenance of the oven, which may result in air infiltration.
- Inappropriate fuel that produces high temperatures.
- Door not closed correctly.

Wood fireplace

The fireplace, built of steel and coated with cast iron and refractory bricks, has a dual role: it is a fireplace and a grill.

There are two cast fixtures on the sides where the grill can be attached at some different heights. The grill fixtures and the fireplace grill are removable and can be dismantled for easy cleaning (Fig. 6).

The ash pan is located beneath them.

Roasting oven

The oven is made of stainless steel.

The sides feature supports for the oven trays.

To remove them, push them slightly up to free them from the lower holes and then, tilt them slightly back into the oven and slide them down. This will free them completely from their fixing elements. Once removed they will be easy to clean.

The oven comes with a stainless steel roast tray and two grills.

Due to its position, the thermometer may indicate a temperature different from the actual one on the inside of the oven. The product knowledge will enable you to use it in a convenient manner according to its needs.

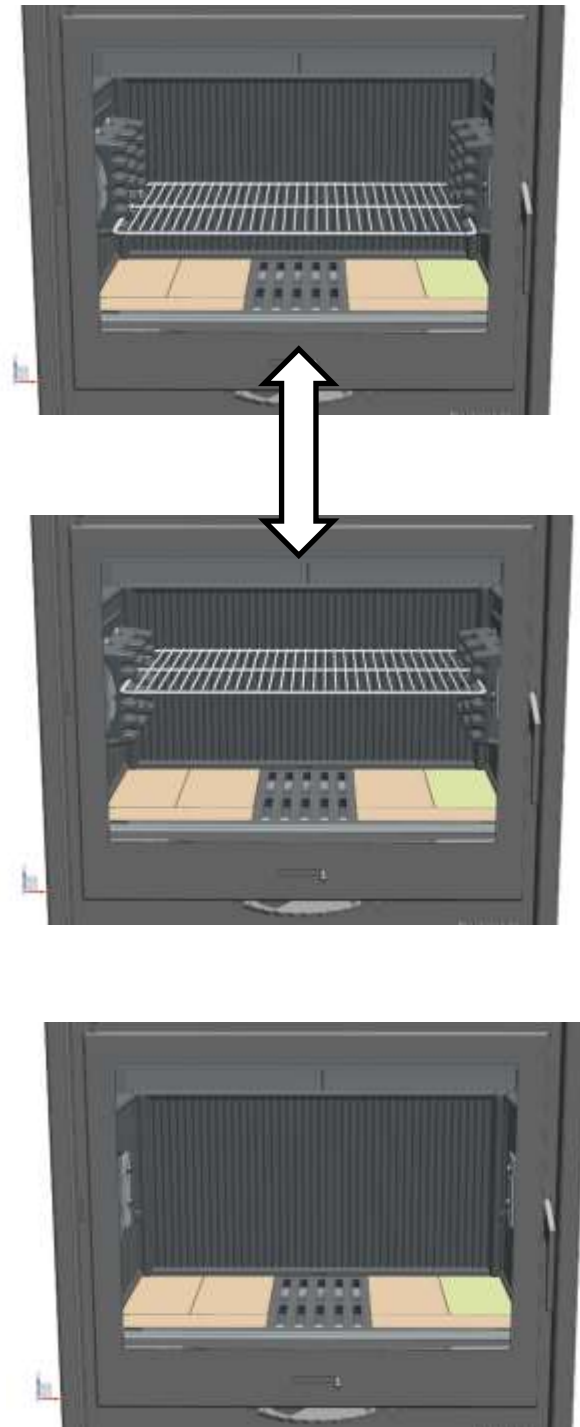


FIG. 6 - DISASSEMBLING GRILL FIXTURES

Deflector plate

The top of the fireplace is protected by a steel deflector.

To remove when cleaning of the oven, lift and move to the left, then turn and remove it from its fixtures. If you wish to reinstall it, perform the same steps in reverse order (Fig. 7).

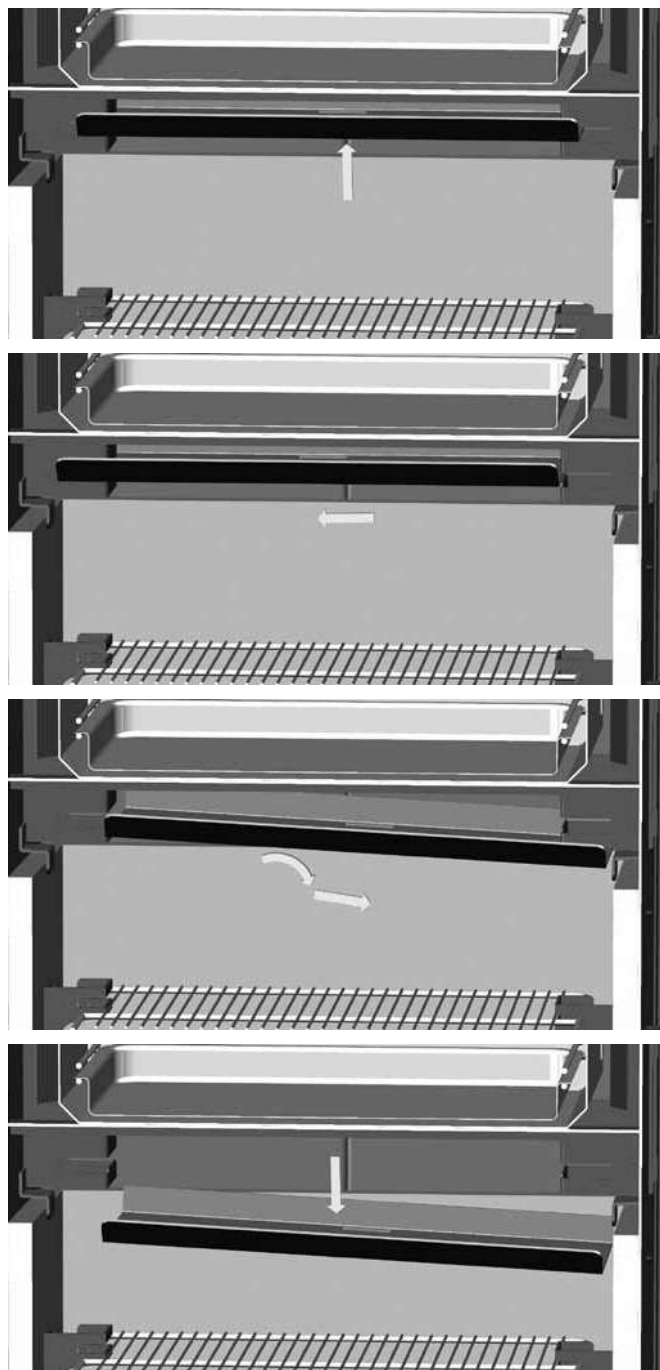


FIG. 7 - DISASSEMBLING THE DEFLECTOR

5 - CLEANING & MAINTENANCE

FRONT, PAINTED STEEL DOORS, SHEET METAL COATINGS

Cleaning should be performed when the stove is cold. Always use a dry cloth to avoid possible rust.

THE GLASS PANE

Cleaning

Fireplace window cleaning liquids are effective products. Never try to clean the glass while there is a fire in the fireplace.

We recommend Hergóm glass cleaning liquids, which can be acquired from our distributors, given their proven efficiency.

Replacing.

The glass parts in your oven are made of thermal material, especially manufactured for log stoves. In the event of accidental breakage, replace by another pane with the same specifications. Contact our Distributor to provide you with the appropriate glass pane, together with instructions on how to assemble and seal it.

STAINLESS STEEL OVEN

There are a number of appropriate products on the market that will help you keep stainless steel looking like a mirror. Avoid using tools that may scratch steel. For stainless steel to preserve its properties, its surface must not be damaged.

ASH

The cast iron fireplace includes an ash pan below the hearth.

To eliminate the ash, withdraw the cast iron tray using a protective glove, and remove it from the fireplace to facilitate the cleaning operation.

Sweep the ash using a scraper or brush towards the ash pan. Open the fireplace door and remove the ash pan from its housing and remove the ash.

CHIMNEY

We recommend you inspect and clean the chimney at least once a year, preferably at the start of the season.

To facilitate cleaning, the oven can be removed using the screws that fasten the front frame. This operation must be performed by a professional.

6 - SAFETY

WARNING!

Gas/log/pellet units get hot when in use.

When heating and cooling, this device can produce noises due to the expansion and contraction of its metal parts.

Consequently, owners must act with precaution and keep at a distance. Especially keep children, the elderly and other people who require special supervision, as well as pets, away from the appliance when it is in use.

Make sure that children or other people who are not familiar with how the device works are supervised by responsible people when they are near the fireplace.

In order to prevent burns or children or other people from coming near the appliance, use a fire grille or screen.

A number of possible risks are present when operating your solid fuel oven with fuel of any brand. The said risks can be minimised if the instructions and recommendations included in this manual are followed.

- When installing the oven, observe the necessary safety distances for the oven and chimney from combustible surfaces (wooden or papered walls, wooden floors...). Safety distances must be respected when the lining on walls or nearby areas may be damaged or deformed by temperature (varnish, paint, PVC...). Fig. 8
- Ash should be emptied into a metal container and immediately removed from the house.
- Do not use flammable liquids to light the oven. Keep any type of flammable liquid (petrol, gasoline, alcohol,...) at a distance from the fireplace.
- Never use coal or fuels that are not recommended for the operation of this product.
- Periodically inspect the chimney and clean whenever necessary. Also inspect the state of joints, glass, screws...
- **Protect your hands with a glove or other insulating material because, during operation, the opening and closing handle will be hot.**

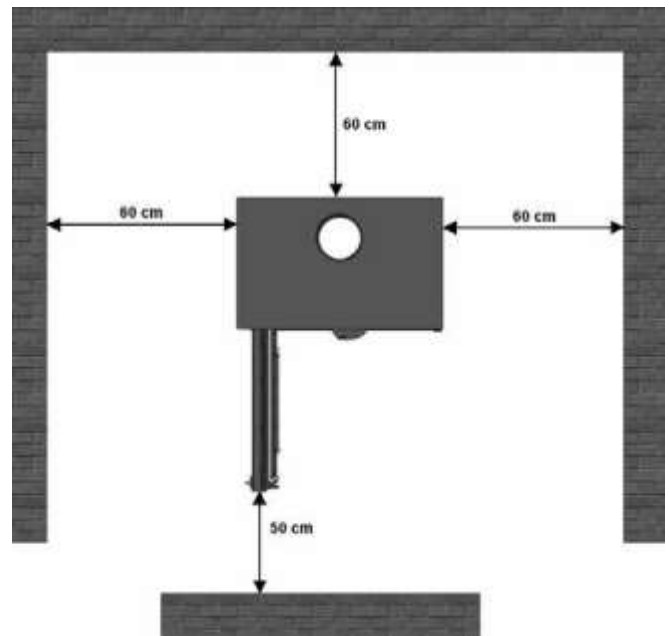
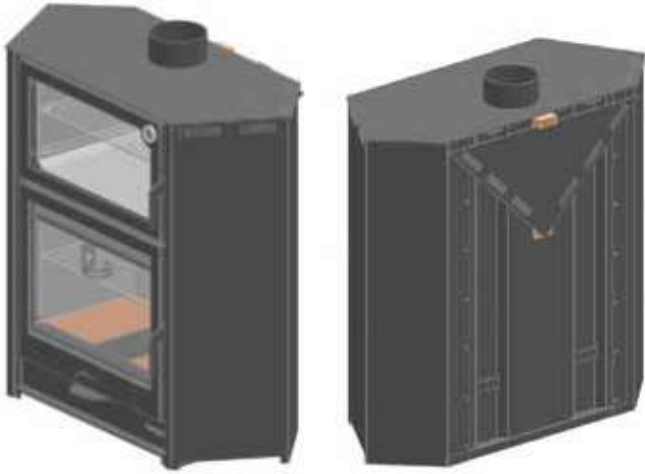


FIG. 8 - SAFETY DISTANCES

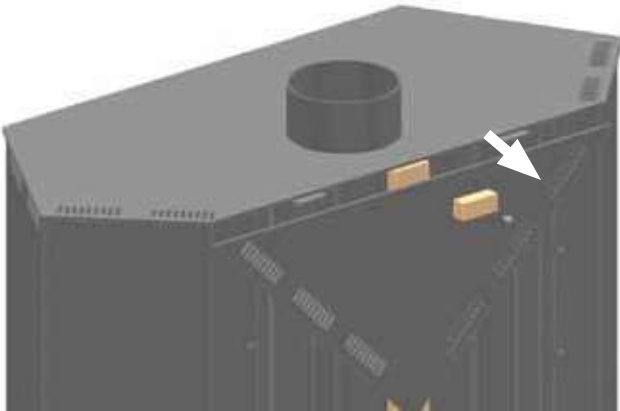
7 - ARCE R : MOUNTING THE CORNER



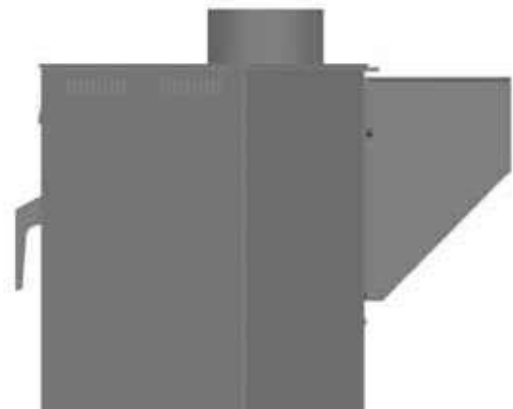
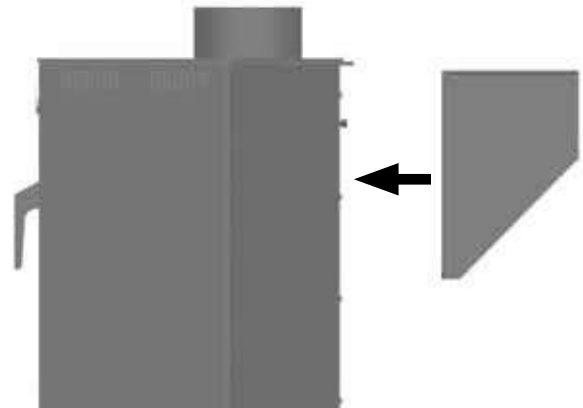
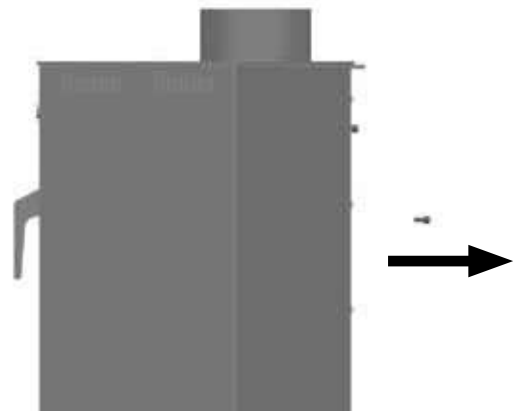
Take the part situated inside the combustion chamber and hang it on the two top screws on the back.

To achieve this, unscrew the two bottom screws and once in place using the two upper screws, screw on the bottom screws once again.

Remove the screw. Remove the plug and hold the rear plug so that it does not fall on to the ground.

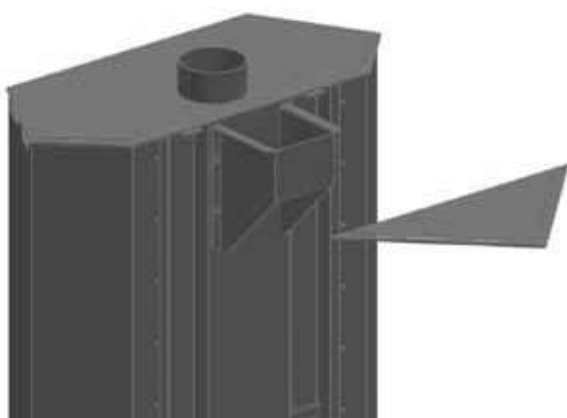
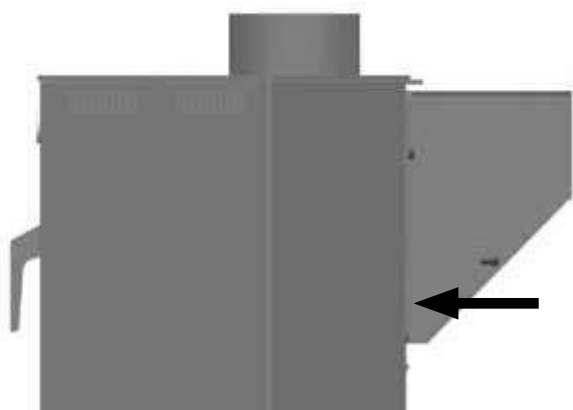


Remove the corner, lifting it slightly..

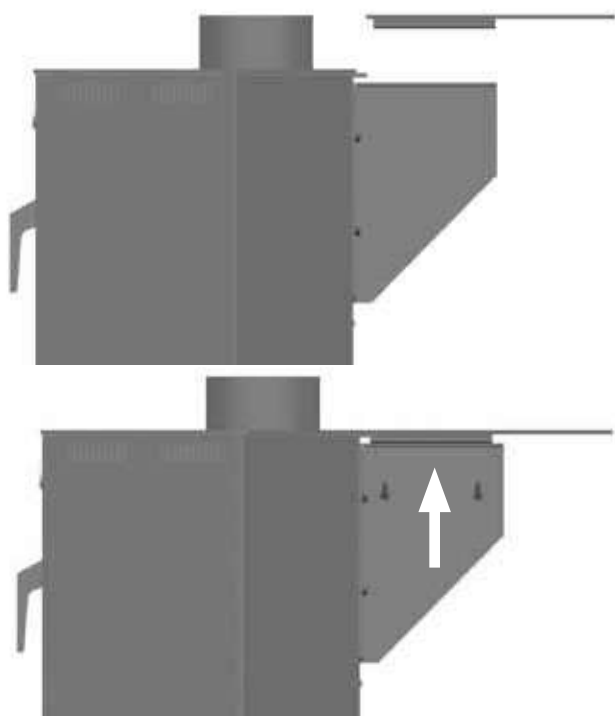


Tighten the two bottom screws. Do not tighten the screws in order to rectify the position when placing the corner piece.

Make the necessary adjustments and tighten all screws.

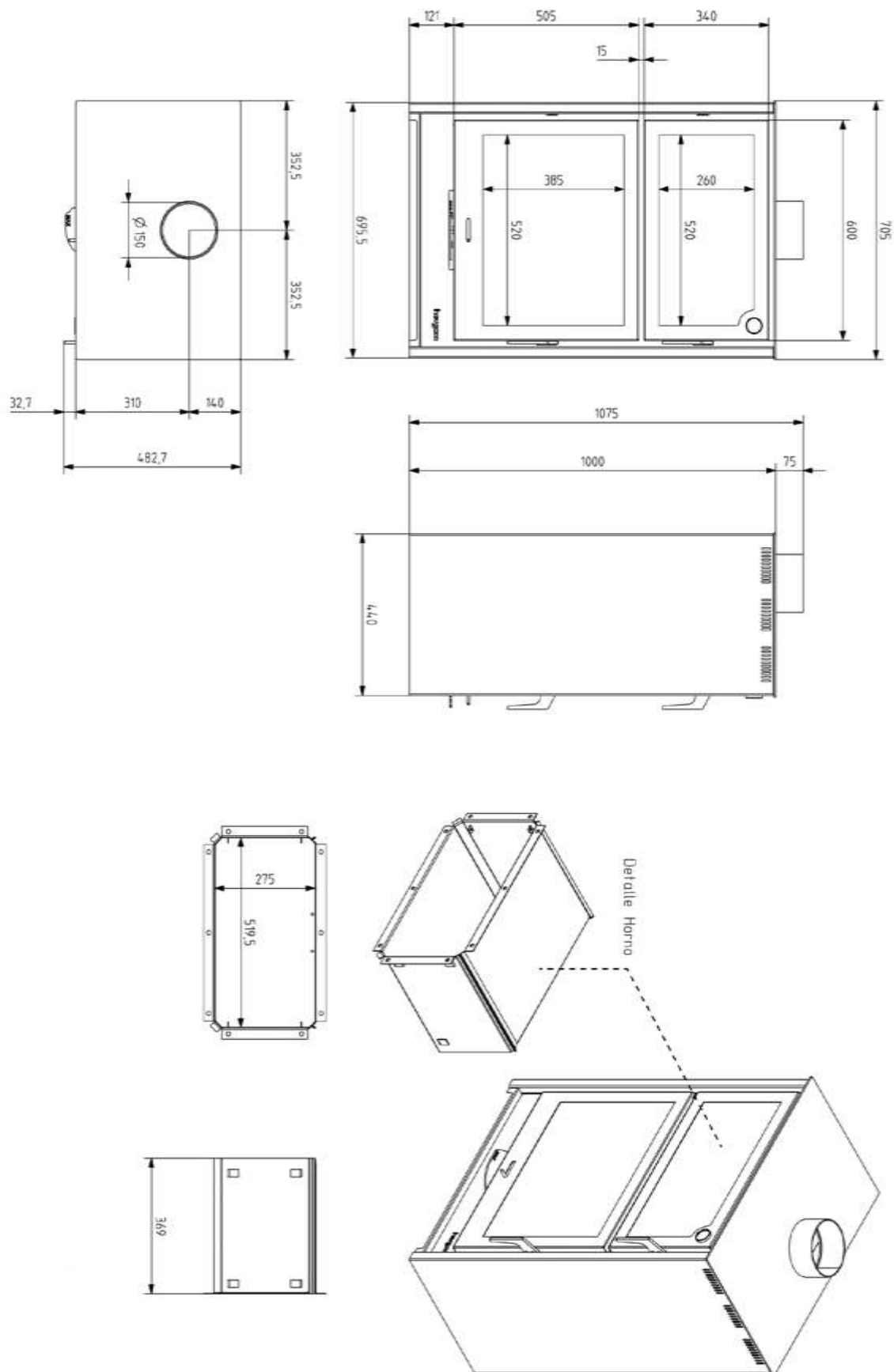


Place the corner piece on braces and screw on from below.

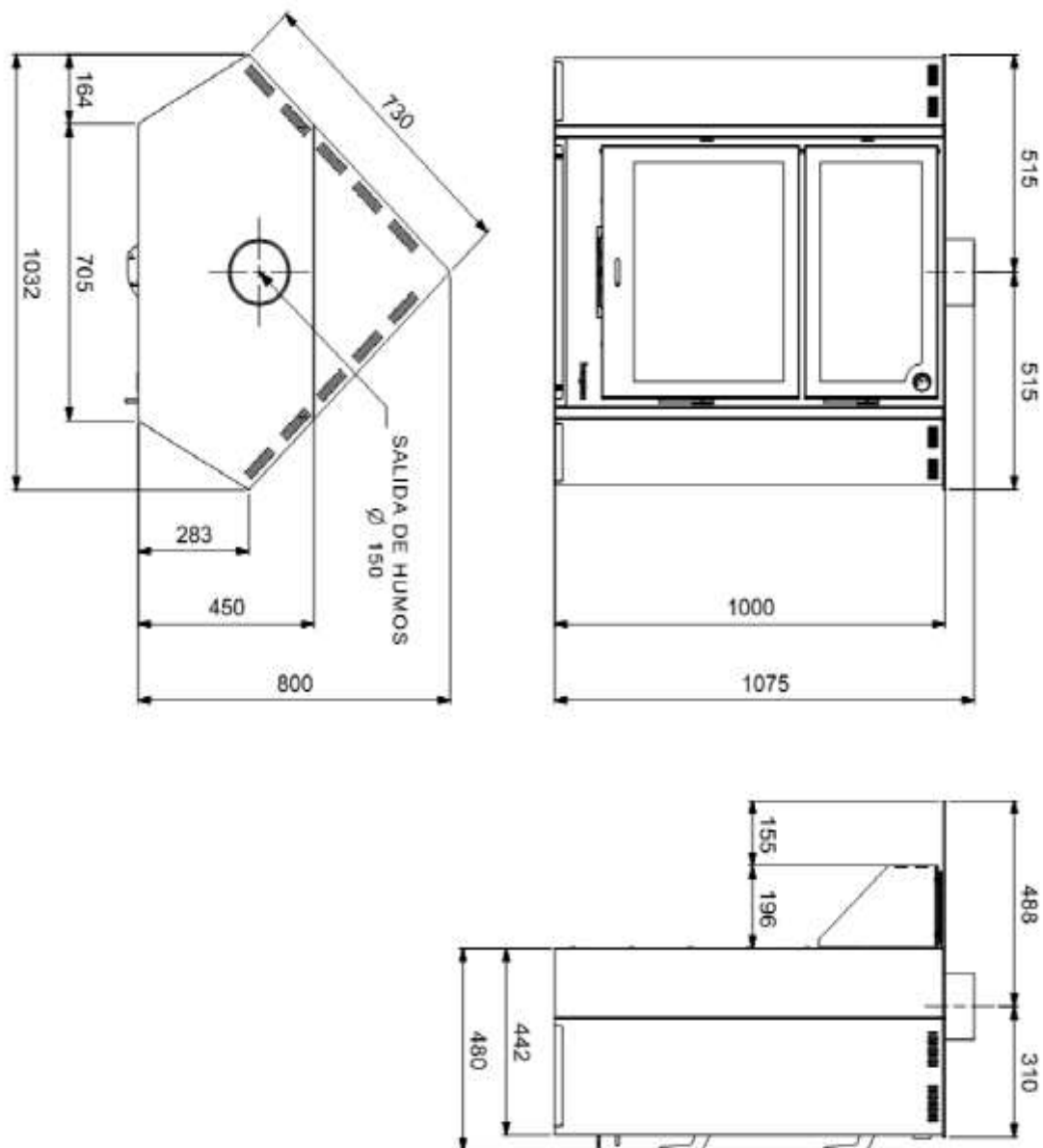


8- DIMENSIONES - DIMENSIONI - MEASURES - DIMENSIONS - DIMENSÕES

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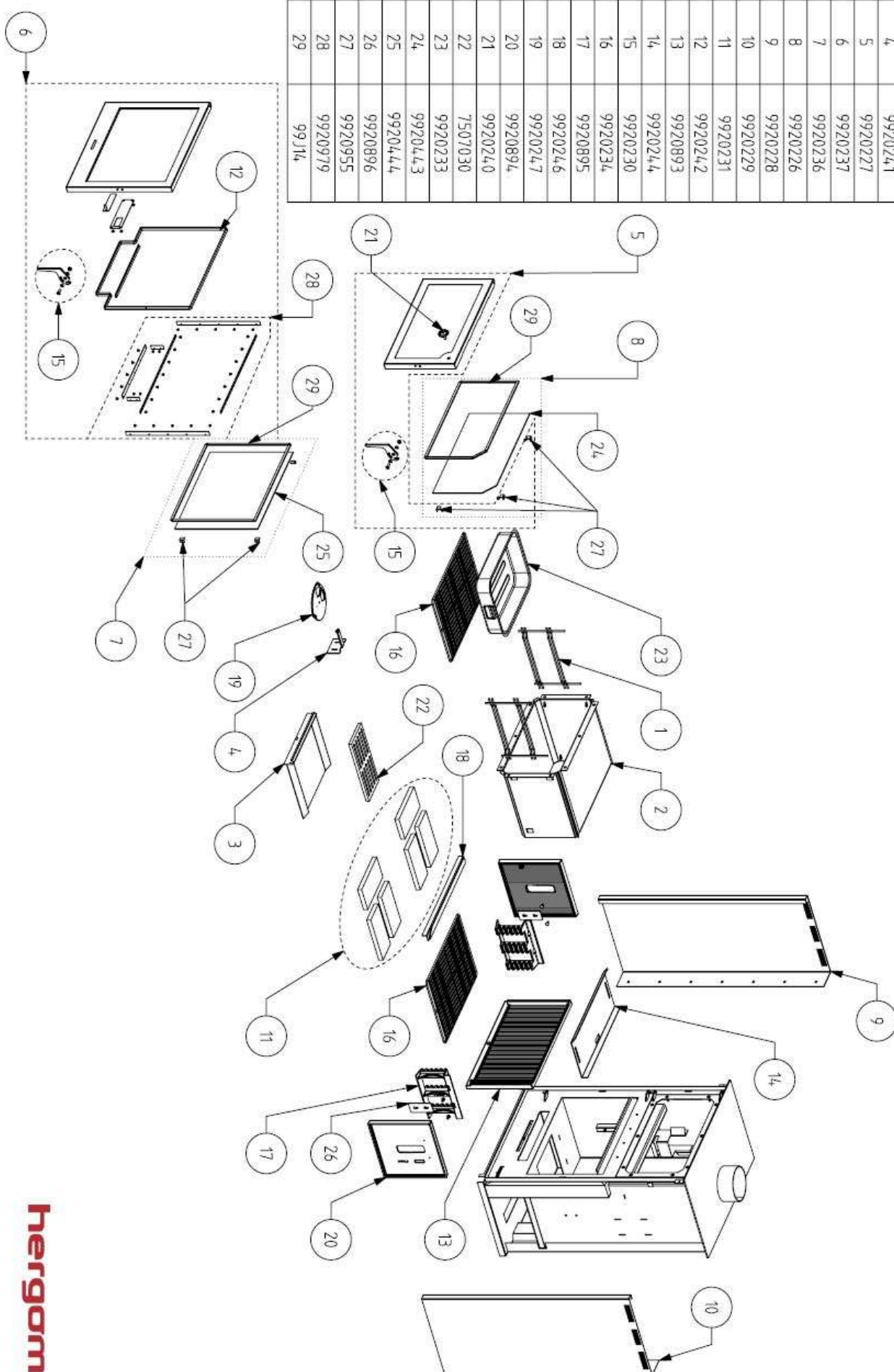


9-DATOS TECNICOS-DATI TECNICI-TECH SPEC.-DONNÉES TECH.-DADOS TÉCNICOS

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Anchura / Larghezza / Width / Largeur / Largura (mm)	695,5
Fondo/ Profondità / Depth / Fond / Fundo (mm)	440
Altura del horno / Altezza forno / Oven height / Hauteur du four / Altura do forno (mm)	275
Anchura del horno / Larghezza forno / Oven width / Largeur du four / Largura do forno (mm)	519,5
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Diametro tubo chimenea / Diametro tubo canna fum. / Chimney pipe diameter / Diamètre tube cheminée / Diâmetro tubo chaminé (mm)	150
Potencia mínima / Potenza minima / Minimum power / Puissance minimale / Potência mínima (kW)	9
Potencia nominal / Potenza nominale / Nominal power / Puissance nominale / Potência nominal (kW)	12
Potencia máxima / Potenza massima / Maximum power / Puissance maximale / Potência máxima (kW)	16
Rendimiento / Rendimento / Efficiency / Rendement / Rendimento (%)	80
Temperatura de humos / Temperatura fumi / Gas temperature / Température des fumées / Temperatura de fumos (K)	252
Tiro mínimo / Tiraggio minimo / Minimum draw / Tirage minimum / Tiragem mínima (Pa)	12
Emisiones CO / Emissioni CO / CO emissions / Émissions CO / Emissões CO (13% O ₂ Vol%)	0,09
Emisiones partículas / Emissioni particolato / Particulate emissions / Émissions particules / Emissões partículas (mg/Nm ³ Vol%)	20
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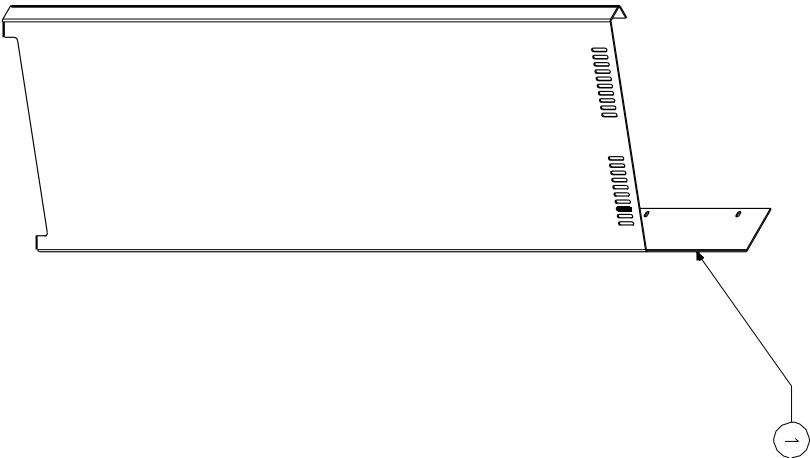
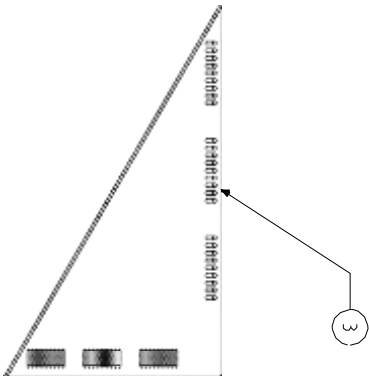
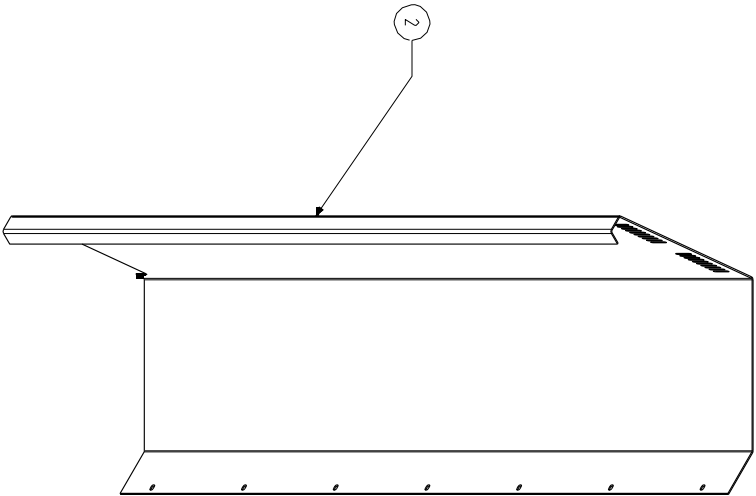
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22	7507030
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24	9920443
25	9920444
26	9920896
27	9920955
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29	99J14



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	ARCE R
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2	9920248
1	9920249





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