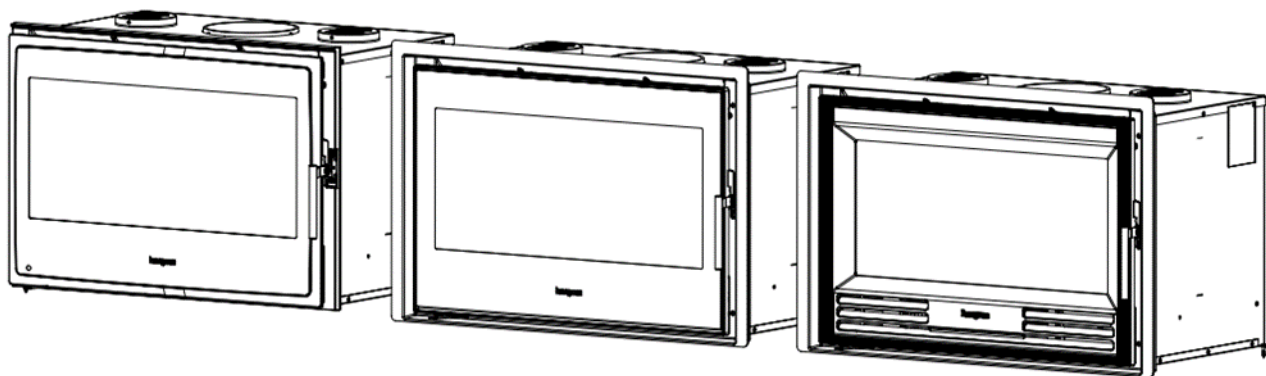




C-16/80 N (CT) y C-16/70 N HF
C-3/80 N (CT) y C-3/70 N HF
NATURE II 80 N (CT) y NATURE II 70 N HF



INSTALLATION, USE AND MAINTENANCE INSTRUCTIONS

WELCOME to the HERGÓM family

We would like to thank you for choosing our BUILT-IN FIREPLACE for on-site installation.

All parts have been manufactured in cast iron and steel to guarantee a long life cycle.

We are sure that your new CAST IRON FIREPLACE will prove fully satisfactory, which is the most outstanding feature of our equipment.

Owning an HERGÓM FIREPLACE displays an exceptional sense of quality.

Please, read this manual in full. Its purpose is to familiarise users with the FIREPLACE 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 extra clarification, please consult your regular dealer

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

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

HERGÓM, offers a THREE YEAR warranty on its products.

The geographical coverage of the said warranty only includes the countries in which HERGÓM, a subsidiary company or an official importer distribute its products and where Community Directive 2019/771/UE is in force.

The warranty comes into force on the purchase date of the product as indicated on the relevant receipt and that must coincide with the warranty document and only covers damage or breakages due to manufacturing defects

IMPORTANT NOTE

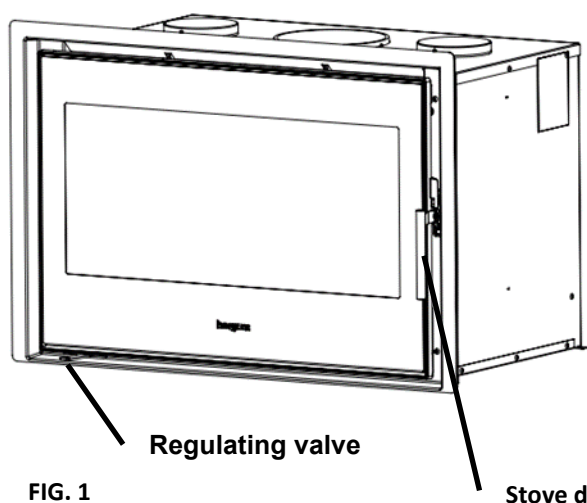
ATTENTION: If the device is not installed correctly, it will not provide the excellent service for which it has been designed. Please, read these instructions in full and trust the work to a specialist.

The surface of your Cast Iron Fireplace 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. PRESENTATION

The main features of the compact wood stove are:

- Made from cast iron, with assembled pieces, sealed with cord and screwed together.
- Designed to burn only wood.
- Lets you burn pieces of wood up to 50 cm long.
- Primary air regulation valve.
- Self-cleaning glass.
- 95° hinged front door with ceramic glass.
- Blind grill and ashtray.
- Vertical smoke outlet.
- Emits heat by radiation, directly heating walls, ceilings, etc.
- Supplied assembled from the factory, ready to be connected to the fireplace.



2. INSTALLATION

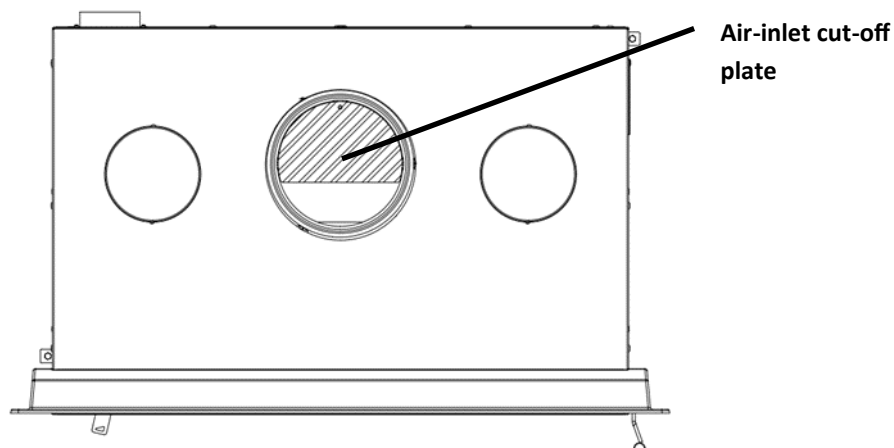
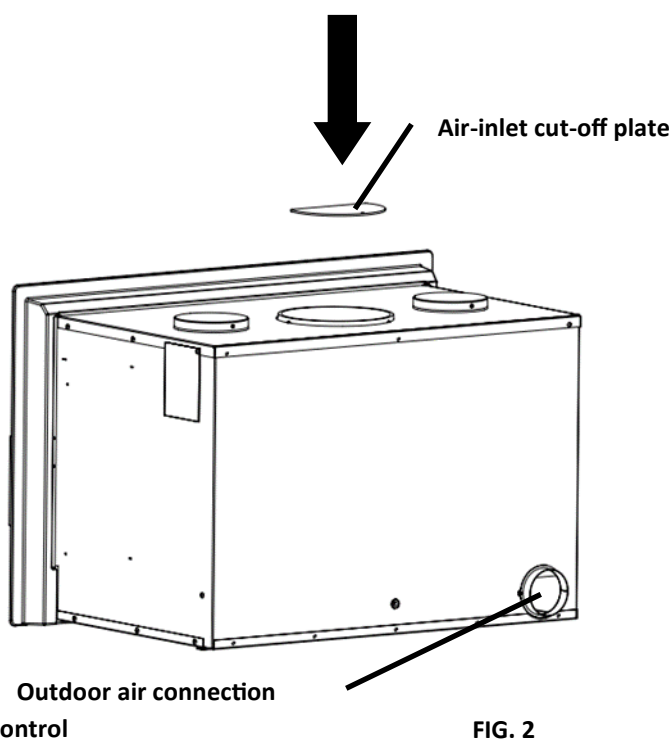
IMPORTANT! All local regulations, including those referring to national or European standards, must be complied with when installing the appliance.

The installation will determine the safety and proper functioning of the appliance.

Therefore, proper installation is vital. To ensure this, please contact a professional.

The Stove emits heat by radiation, heating walls, ceilings and others directly.

For more installation information, please refer to the "Manual for the Professional Installer".



Important!

Remember when building the brick envelope for your Stove, you must place ventilation grilles on the lower part for the entry of cold air into the envelope and in the upper part for the outlet of hot air into the room.

The total air passage section of the grilles must be equal to or greater than 1000 cm² for the cold air inlet and 1000 cm² for the hot air outlet.

The vents in the hood must be positioned so they cannot be blocked.

The air coming out of the upper vents can reach a high temperature. Do not use materials that are not heat resistant in the outlet area of the vents. They must also be metallic, never wood or plastic.

Do not place any objects near the upper air vents, as the hot air that comes out of them can damage them.

The lack of ventilation grilles in the envelope will generate a constant increase in the temperature that cannot be used to heat the room and will fracture the envelope and the components of your Stove.

Fractures of the Stove's envelope and components due to excessive temperature and an absence of vents are not covered under warranty.

If you have any doubts, please contact your dealer or Hergom's Customer Service.

Fan/turbine ductwork

You can channel the air from the fan/turbine to another room, as the Stove has two air outlets on the top.

Remove one or both covers with a screwdriver and connect a flexible stainless-steel tube by securing it with a flange to the air outlet collar.

The air outlet diameter of the fan/turbine is 120 mm. The ductwork must be under 4 metres long.

If you duct air to the same room where the Stove is installed, add ventilation grilles to the ducted grilles for natural convection.

3. OUTSIDE AIR INTAKE

The Stove has an 80 mm diameter external air intake.

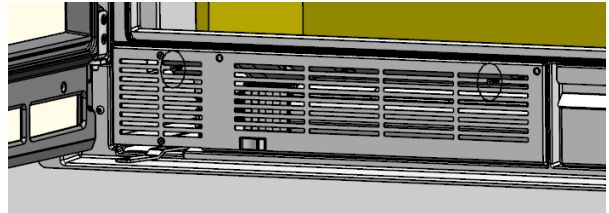
The connection of the external air intake is optional.

The maximum ducting length of the outside air intake is 8 meters and only admits a 90 ° elbow

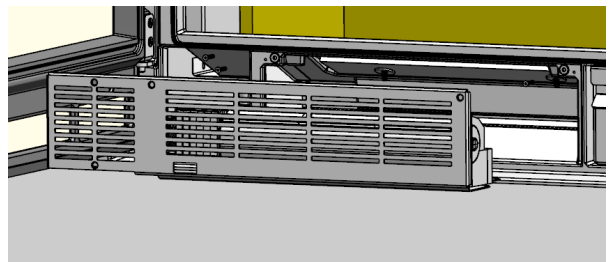
The front cover and the collar on the back are included in the accessory 9920880.

To connect the air intake from the outside, we recommend installing the metal sheet cover supplied with the accessory.

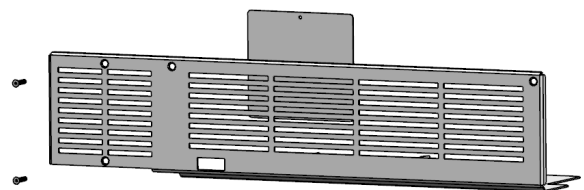
To do this, remove the two screws holding the front of the fan tray.



Once the two screws have been loosened, remove the tray supporting the fan. Special care should be taken when removing it not to cut or damage the wiring.



Use the screws to screw the cover on the inside of the fan tray and return the fan tray to its initial position.



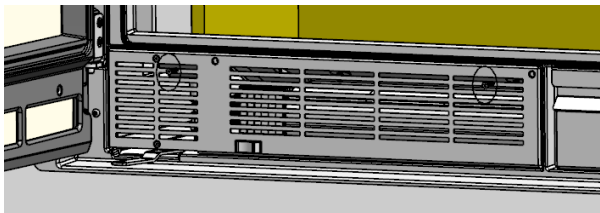
Screw the collar for the external air intake to the back of the Stove.

4. DISASSEMBLY OF ELECTRICAL PARTS

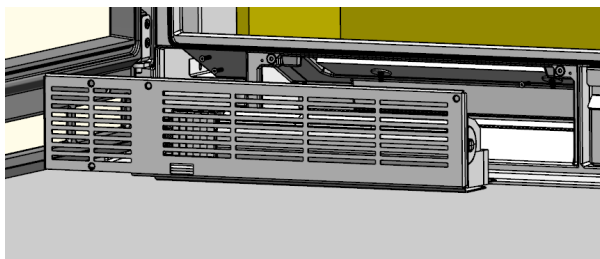
BEWARE! Before handling the electrical parts, make sure that the appliance is disconnected from the power supply.

Follow these instructions to replace the fans:

1. Remove the four screws holding the front of the fan tray (Fig.1).



2. Once the 4 screws have been loosened, remove the tray supporting the fan (Fig.2). Special care should be taken when removing the tray not to cut or damage the wiring.



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The responsibility for manufacturing defects will be subject to the criteria and verification of its technicians, and in any case, will be limited to the repair or replacement of its products, excluding the works and damages that such repair could cause.

5. PRODUCT RECYCLING

Your appliance is delivered packed in plastic and a cardboard box on a wooden pallet. You can use cardboard and wood as fuel for the first lightings of the appliance, or take it to a local recycling point. The plastic that protects the device must be taken to a specific local recycling point or center, it must not be disposed of in conventional waste dumpster.

All local regulations, including those that refer to national or European regulations, must be applied when recycling this device at the end of its useful life. The product should never be disposed of in conventional waste dumpster. Its appliance is made up of components made of cast iron, steel, glass, insulating materials and electrical material, which are assembled using screws and rivets. You can disassemble it and take it to a specific local recycling point or center. Glass should not be disposed of in conventional waste dumpster.

6. ELECTRICAL DIAGRAM

Switch positions

POSITION "0": The turbine starts at SILENT SPEED (ECO) automatically when the appliance has a fire, and the cast iron reaches 50°C (where the thermostat is located).

The turbine stops when the flame has extinguished inside the Stove, and the temperature of the cast iron drops below 50°C.

This position is RECOMMENDED when the user wants the turbine to stop once the Stove is cold.

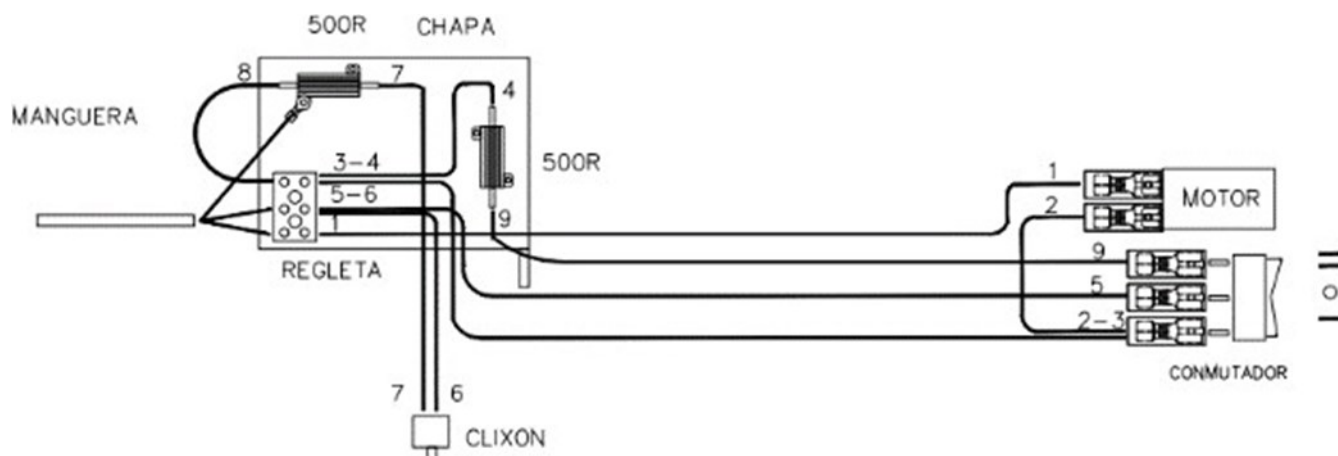
POSITION "1": The turbine starts at a SILENT SPEED (ECO) if operated MANUALLY via the switch and the appliance has not yet reached the temperature of 50°C. Once the appliance has reached 50°C, the turbine automatically increases the speed to the MINIMUM SPEED. In this position, the turbine will not stop even if the flame in the firebox has been extinguished and the temperature of the cast iron is below 50°C. When the appliance is cooling down in this position, the turbine automatically reduces the speed from MINIMUM SPEED to SILENT SPEED (ECO) once the appliance drops below 50°C.

POSITION "2": The turbine starts at MAXIMUM speed MANUALLY.

In this position, the turbine does not stop even if the flame has gone out, and the temperature of the cast iron is below 50°C.

This position is recommended when a quick transfer of heat from the Stove to the room is required.

DO NOT DISCONNECT THE STOVE FROM THE POWER SUPPLY



7. OPERATION

Your Stove will be ready to light a fire once it has been installed and connected to the chimney.

Although it is easy to operate, the solid fuel combustion process is complex, as several factors are involved, and it takes time and experience to understand how it is done.

Before you start your Stove for the first time, get to know the different control systems and parts of this appliance, learn how to choose the wood, how to light it and how to use it daily.

ALWAYS BE AWARE that the Stove produces heat and, therefore, you must keep children, clothes, furniture... away from it, as contact with it can cause burns.

Here are tips to help you get to know the product and how it works. Please read them carefully.

Door control

To open the door, hold the knob and pull gently towards you. Always use a heat-protective mitten.

To close the door, hold the control and gently push the door towards the Stove. Always use a protective glove (Fig.3).

Ashtray

Very important!

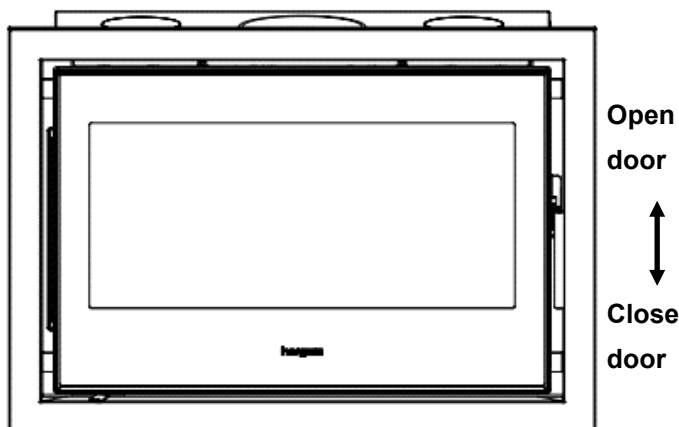
Always operate the ashtray when the Stove is cold.

To clean the ashes, lift the grill at the back of the

stove. Push the ashes with a tool (brush) into the ashtray.

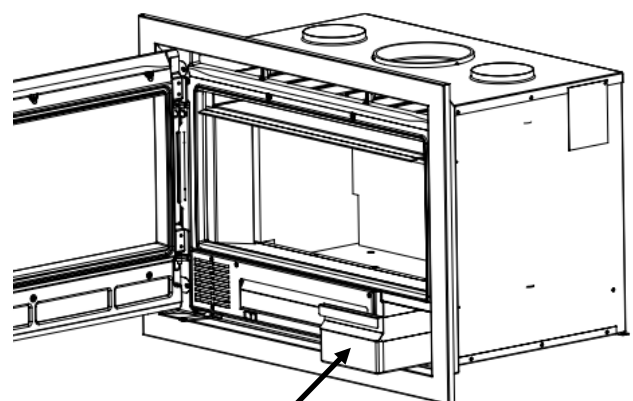
The ashtray is on the right side of the Stove. (Fig. 4).

To remove the ashtray, pull it towards you. Once the ashes have been emptied, put the ashtray back in its place.



Close Valve ↔ Open valve

Fig.3



Ashtray

Fig.4

8. IGNITION AND USAGE

Important on the first ignition: Some water droplets may be released from the Stove by condensation, produced by the humidity of the environment where your Stove has been stored.

The first ignition must be done slowly.

The reasons are:

- Stabilise the cast iron parts.
- Cure the sealing cement.

Tips:

- Use small loads at the beginning.
- To start the draft, heat the chimney by inserting a lighted paper through the gap between the front and the baffle, directing it towards the chimney.
- During the first ignition, ensure the room is well ventilated as paint fumes may be given off.
- Keep the Stove on for a few hours at this rate.
- **IMPORTANT! The total height of the load must not exceed 50% of the height of the combustion chamber.**
- **The compact must remain closed during combustion to prevent smoke from escaping. Open it only during reloads.**
- **When the Stove is in operation, opening operations should be carried out slowly to avoid fumes and accidental burns.**
- The glass is ceramic glass, which radiates heat. It can reach high temperatures.

For daily use.

Your Stove is ready for daily use, after the first ignition.

The heating needs of your home will determine how often you must load firewood.

Ignite the Stove slowly if it is cold.

Caution in overheating.

Overheating means you have run your Stove at too high a temperature for an extended period.

This can damage your Stove and should, therefore, be avoided.

Overheating results from an excessive draft, which can happen for one of these reasons:

- The air valve has been opened too much for the type of wood used.
- The chimney is too high.
- Inadequate maintenance, which can lead to air leaks.
- Ceramic seals in bad conditions.
- Inadequate fuel, producing high temperatures.
- Door not closed properly.

ATTENTION!

During operation, uncontrolled air intake causes overheating, which can damage the Stove.

The air-inlet cut off plate is necessary to obtain the results accredited by the Official laboratory that has tested this product.

To remove the air-inlet cut off plate, first remove the vermiculite starting from the sides and the back, the lower and upper baffle. Remove the air-inlet cut off plate by lifting and turning 90 degrees, and then put the baffles back on (the rear and side ones). See the section on "Vermiculite installation".

9. CLEANING AND MAINTENANCE

The Stove has been subjected to extreme temperatures and the corrosive effect of combustion residues. Regular maintenance is essential to achieve a longer life and better use of it. We recommend that you carry out these checks regularly:

DURING THE SEASON OF USE

- Inspect the fireplace. Clean off soot and tar if it has built up on the inside walls.
- Verify that the door closes tightly. Adjust if necessary.

WHEN THE SEASON ENDS

- Inspect and clean the fireplace.
- Vacuum the inside and inspect it.
- Soot and tars (creosote) accumulating on the walls reduce performance.
- Inspect the ceramic cords on the door and glass. These should be replaced when they do not seal perfectly.
- On painted stoves, repaint the cast iron parts if necessary. Use anti-heat paint for this purpose.

CLEANING

Cleaning should always be done when the Stove is cold.

Cleaning of ashes

These stoves have an ashtray located under the firebox.

Take out the ashtray and clean it of ashes.

The ashes should be emptied into a metal container and taken out of the house immediately.

Clean the ashtray housing.

Painted parts

They should be cleaned with a dry cloth to avoid oxidation.

Connector and chimney

Read Chapter 2 on this topic.

DOOR GLASS

Cleaning

Stove window cleaners are effective products. Never attempt to clean the windows during operation.

If the glass of the stove door is always sooty, it means that your fire is “poor” and that the plug and chimney are getting clogged with soot and creosote.

Replacements

The glass of your Stove is made especially for wood stoves.

If breakage occurs, this must be replaced by another of the same characteristics. Please contact our distributor for the appropriate glass, assembly instructions and seals.

10. SAFETY

WARNING

Gas/wood/pellet appliances get hot during operation.

Caution must be exercised, and distance must be kept, especially avoid the proximity of children, the elderly or other persons requiring special attention and pets while the appliance is on.

Make sure that children or other persons not familiar with operating the appliance are supervised by responsible persons when close by.

To protect against burns and to protect children or persons who should not come into contact with the device, place a fireguard or separator in front of it.

Keep the ashtray empty whenever the appliance is in use.

Ensure there is no combustible material in the ashtray during operation.

There are potential risks to consider when operating your solid fuel stove, regardless of brand. These risks can be minimised by following the instructions and recommendations in this manual.

- When setting the Stove in its place, consider the safety distances from both the appliance and the chimney from combustible surfaces (wooden or wallpapered walls, wood floor, etc.). The same

distances must be respected when the coating on the walls or nearby areas is susceptible to deterioration or deformation due to the effect of temperature (varnishes, paints, PVC, etc.). **Fig. 6 and Fig. 7**

- The base where your Stove will be placed must have a flat surface with no unevenness that could hinder the perfect settlement of the Stove. This base must be able to support the weight and be constructed of heat-resistant materials.
- All areas around the Stove must be temperature resistant. Otherwise, it must be possible to protect it with fireproof material.
- The ashes should be emptied into a metal container and taken out of the house immediately.
- Liquid fuels should never be used to light the Stove. Keep away from any flammable liquids (gasoline, petrol, alcohol, etc.).
- Never use coal or fuels not recommended for operating this product.
- Inspect the chimney regularly and clean it whenever necessary. Also inspect the condition of joints, glass, screws, etc.
- If the power cable is damaged, contact the manufacturer, the S.A.T. or qualified personnel for replacement and to avoid risks.
- **Protect your hands with a glove or other insulating material because during operation the open/close knob gets hot.**

Hergom declines all responsibility for defective installation or incorrect use and reserves the right to modify its products without prior notice.

The responsibility for manufacturing defects will be subject to the criteria and verification of its technicians, and in any case, will be limited to the repair or replacement of its products, excluding the works and damages that such repair could cause.

11. OPTIONAL ACCESSORIES

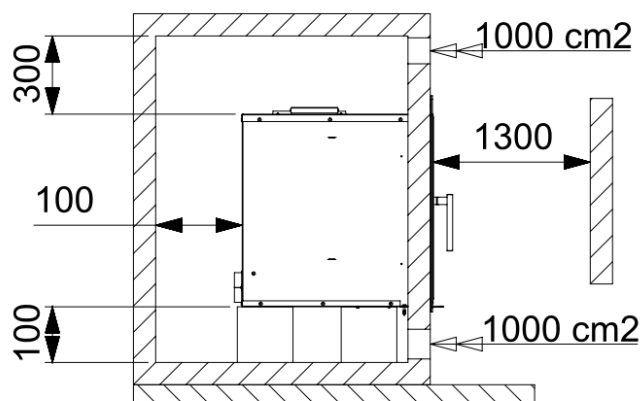
Outdoor air intake (9920880)

C-16/80 N (CT) y C-3/80 N (CT): Decorative frame, 4 sides (9920911)

Nature II 80 N (CT) Decorative frame 4 sides (9901788)

C-16/70 N (HF) (CT) y C-3/70 NS (HF) (CT): Decorative frame, 4 sides (9921110)

Nature II 70 N (HF) (CT) Decorative frame 4 sides (9901778)



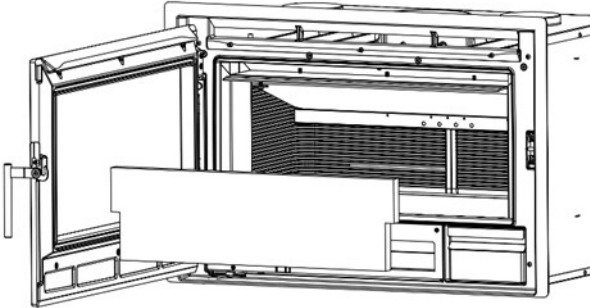
Minimum safety distances of combustible materials "N" and "N CT" version

Fig. 7

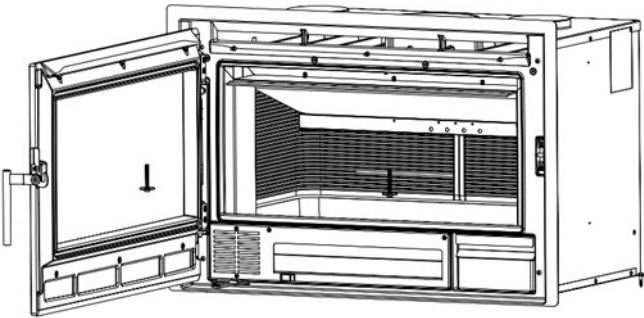
12. VERMICULITE INSTALLATION

Follow this procedure to install the vermiculite sides and rear:

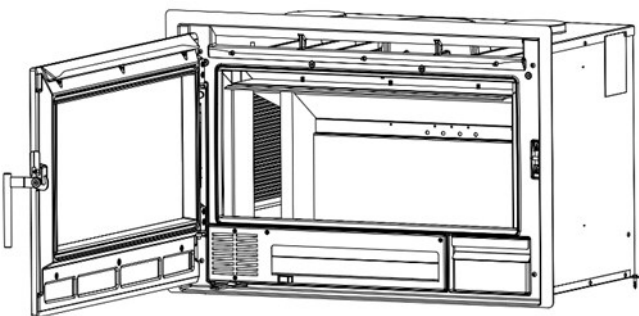
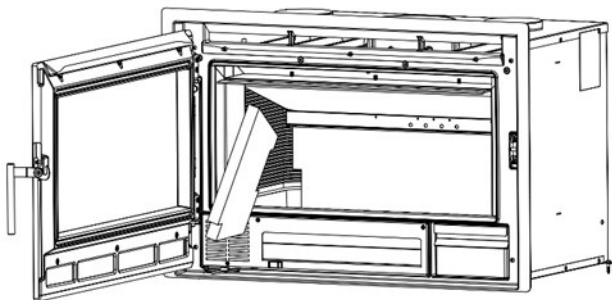
1. Place the rear vermiculite.



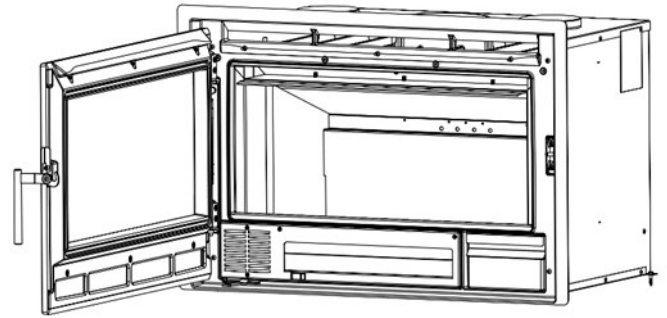
2. Remove the left screw holding the baffles.



3. Place the left side by turning it on itself and snapping it into the slot on the rear



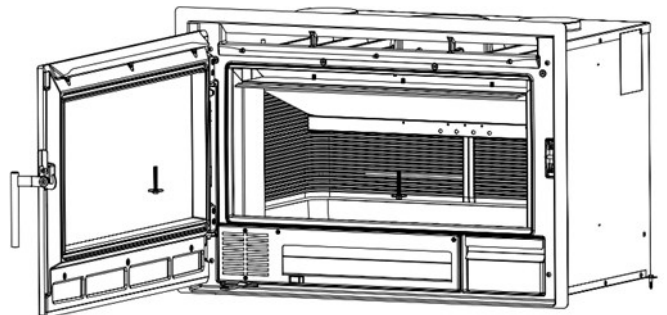
4. Turn the side to form a 90° angle to the rear.



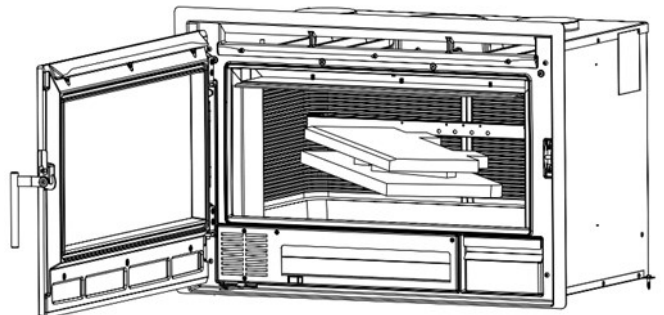
5. Repeat operations 2, 3 and 4 to place the right side.
6. The baffles now rest on the vermiculite sides. There is no need to replace the screws.

Remove the baffles to access the chimney from inside the Stove. Follow the procedure below:

1. Remove the screws holding the baffles



2. Remove the baffles by turning them around the vertical axis



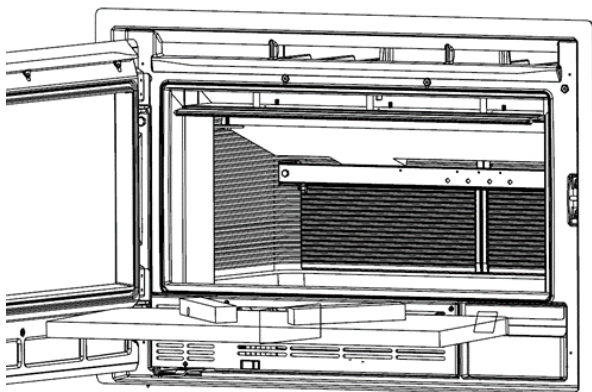
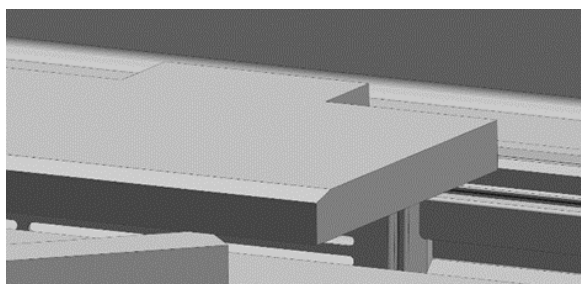
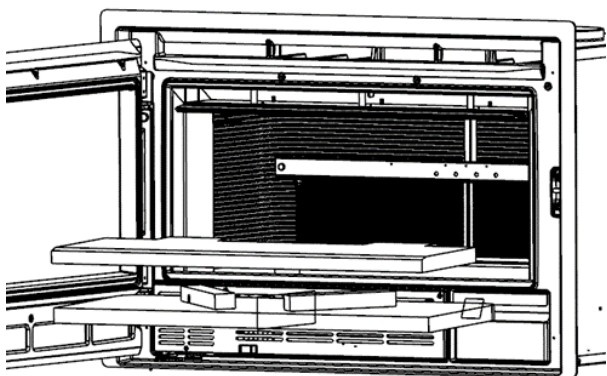
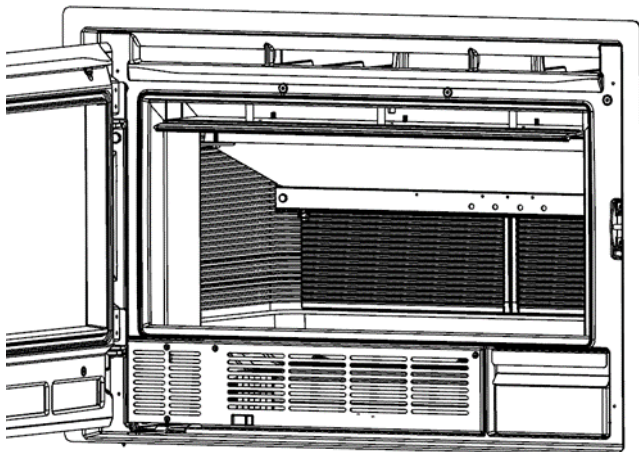
3. Repeat the procedure in reverse to reposition the baffles.

To position the deflectors:

Remove the sides and the back of vermiculite if they were in place.

INSERTS 80

1. Place the upper deflector as in the image and stand on top of the secondary air tube



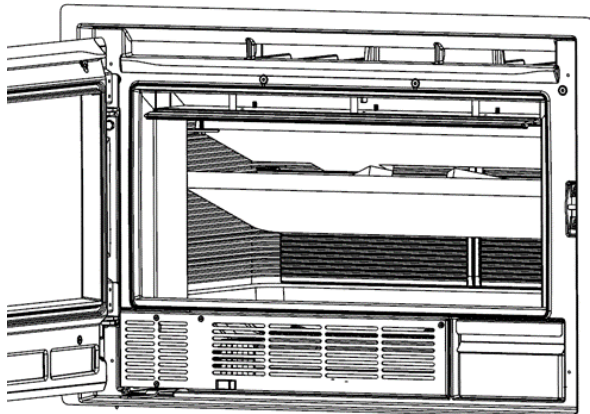
2. Place the lower deflector and rest on the

secondary air tube by pushing up the upper deflector.

3. Replace the vermiculite sides or baffle retaining screws depending on the configuration.

INSERTS 70

1. Place the deflector and rest on the secondary air tube



2. Replace the vermiculite sides or baffle retaining screws depending on the configuration.



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