WELCOME to the **Hergóm** *range.*

We would like to thank you for choosing our cast iron hearth, which represents, in technique and style, a significant improvement on classical coal and wood hearths.
We are sure that your new hearth will prove fully satisfactory, which is the most outstanding feature of our equipment.

Owning a ***Hergóm TC-1, H-01 or H-02*** *cast iron hearth displays an exceptional sense of quality.*

Please read this manual in full. Its purpose is to familiarise users with their hearths 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 or call the factory directly.

IMPORTANT WARNING*: If the hearth 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.*

Indústrias Hergóm, S.A.,. *may not be held liable for any damages caused by alterations in its products that have not been authorised in writing, or for faulty installation work.*

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

Indústrias Hergóm, S.A.,. *a company registered in Soto de la Marina, Cantabria – Spain, offers a TWO YEAR warranty on all its products.*

The geographical coverage of the said warranty only includes the countries in which **Indústrias Hergóm, S.A.,.** *a subsidiary company or an official importer distribute its products and where Community Directive 1999/44/CE is in force.*

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

1.- INTRODUCTION

Several versions of the Cast Iron Hearth are available:

1. ***HEARTH H-01*** *which is completely built-in. Users may decorate the front piece as they prefer, using wood, stone, marble…*
   It is served in pieces packed in a cardboard box with a wooden frame, duly protected, to facilitate handling and transport. The simple assembly instructions can be found in the ASSEMBLY section of this manual.

2. ***HEARTH H-02*** *features an elegantly designed cast iron front piece to decorate the visible part of the hearth.*
   It is supplied totally assembled from the factory, assembled, and sealed with refractory putty.

3. ***HEARTH HEATER*** *features the same ornamental front piece as the H-02 and provides a maximum power of 25 Kw.*
   It is supplied totally assembled from the factory, assembled, and sealed with refractory putty.

4. ***HEARTH TC-1*** *(Turbo Convector), with the H-02 ornamental front piece. It is supplied totally assembled from the factory, assembled, and sealed with refractory putty.*

No unauthorised alteration may be introduced to the hearths. They have been designed, tested and certified as delivered from the factory. Industrias Hergóm may not he held liable for the malfunction, breakage or damage caused by devices that have been altered by a user or installer.

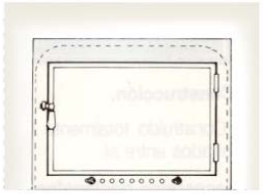
2.- FEATURES

2.1 CONSTRUCTION

Totally manufactured in cast iron using assembled pieces that are screwed together (H-01 & H-02).

The TC-1 model displays the same features as the H-02, but also includes a sheet metal lining treated against rust as part of the hot air chamber.

PORTICO FRANKLIN



PUERTA CON CRISTAL

PARRILLA PARA ASADOS

The HEATER HEARTHS include a steel sheet pipe for A-37 "RC" quality boilers

2.2 OPTIONAL ACCESSORIES FOR H-01

The following accessories may be adapted to this model:

- *CAST IRON FRANKLIN-77 FRONT PIECE, to decorate the front of the hearth. It is supplied painted in black or with a vitreous porcelain enamel finish.*

- *THERMAL GLASS DOOR. Laminated steel with a large heat-resistant glass piece for a full view of the fire. It is supplied with a special heat-proof handle.*
  WARNING: Install the glass door before placing the cast iron front piece.

- *GRILL. Revolving grill, adjustable in height. Easy to install on its anchor points on the side of the hearth (may also be adapted to H-02 and TC-1 models).*

3.- ASSEMBLY

3.1 INSTALLING HEARTH H-01

1. *Place the H-02 base on the floor.*
2. *Attach the back of H-06 over the back door of the base and fix using the tabs by means of the two M-6x25 screws with washer and nut.*
3. *Fit the right hand side panel, H-04, in the groove on the base and in the back panel. Attach it to the back tab using an M-6x25 screw with washer and nut.*
4. *Perform the same operation with the left-hand side panel, H-05.*
5. *Fit the top back piece, H-07, (fit into the grooves) on the back and the sides. Fix in place using the four M-6x35 screws with washers and nuts.*
6. *Fit the frame around the sides of the hearth. Fix the top and bottom in place by means of M-6x25 screws with washers and nuts.*
7. *Fit the right-hand side of the chimney, H-09, on the right-hand side of the hearth and fix in place using an M-6x25 screw with washer and nut.*
8. *Do the same with the left-hand side of the chimney (19), H-08.*
9. *Fit the bottom of the chimney, H-10, in the back top groove of the hearth and fix it to the top tabs on the sides of the chimney using the M-6x35 screws with washers and nuts.*

10. *Fit the front of the chimney, H-11, to the sides of the chimney. Fix it to the lower tabs using two M-6x35 screws with washers and nuts.*
11. *Fit the H-01 baseboard to the front of the base. The vertical tab will limit with the lower part of the frame. Fix to the frame using the vertical tab by means of two M-6x25 screws with washers and nuts.*
12. *Fit the hood by fixing the internal tabs or side, front and back edges that form the chimney. Fix to the sides of the chimney using two M-6x30 screws with washers and nuts.*
13. *Fit the draw regulation valve, L-020, in the position you find most suitable, on the front or on the side. You will have to open the gaps for the tube in the collar ring.*
14. *Fit the grill in the base.*
15. *Fit the protection over the mouth of the hearth. The sides of the protection cover must fit into the tabs located on the sides.*
16. *Introduce the ash pan through the front of the baseboard, H-01.*

Important!! When assembling, seal all joints between parts with refractory putty.
Do not tighten the screws until the last piece has been placed (the hood).
Do not place all the weight of the chimney on the device.

3.2 INSTALLING THE FRANKLIN STYLE FRONT PIECE *(accessory)*

1. *Fit the Franklin type columns to the frame by placing them on the baseboard. Fix them to the frame by means of the two enamelled round head screws, l/4x45mm, with a washer and nut. DO NOT TIGHTEN AT PRESENT.*
2. *Fit the FRANKLIN front piece on the top of the frame and rest it on the top ends of the columns. Fix the frame using the three brass screws, nuts and washers.*
   Tighten the columns.

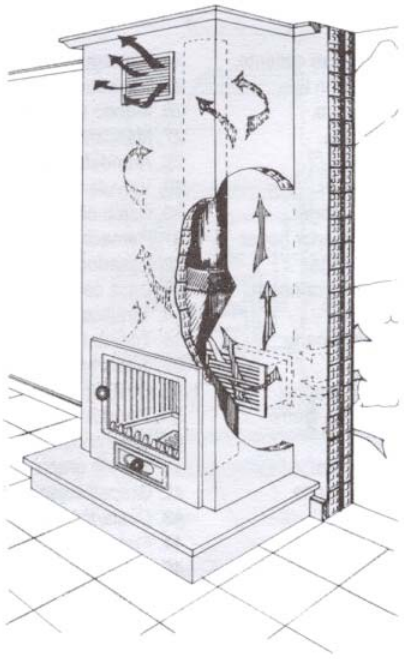
3.3INSTALLING THE THERMAL GLASS DOOR (accessory)

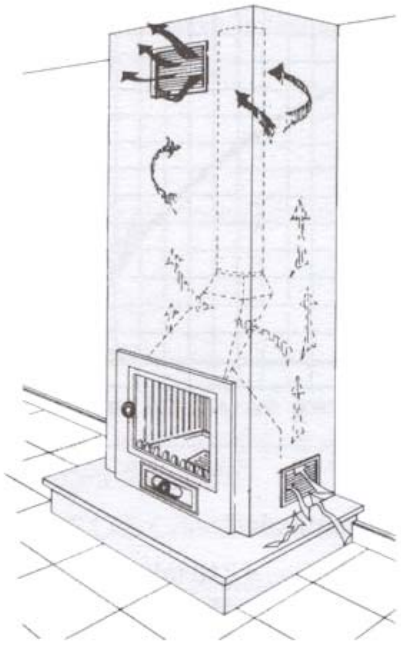
Instructions are provided with the glass door. It requires drilling the sides of the hearth matching the sides of the door and is only advisable for hearths that have been installed with an air chamber.
In the case of built-in hearths, the door can be attached by simply gluing it to the frame using refractory putty.

3.4DIAGRAM OF THE LINING

VERSION "A": CONVECTION with external air intake (clean air).
VERSION "B": CONVECTION with local air intake (recirculation of the same air)

VERSION "A" *VERSION "B"*





Important!! The hood ventilation grilles must be located in such a way that they cannot be blocked.
The air that comes out of the top ventilation grilles may reach high temperatures, therefore, do not use materials that are incapable of resisting high temperatures in the grille area. The grilles must be metal (never use wooden or plastic grilles).
Do not place objects near the top ventilation grilles; the hot air may damage them.

3.5INSTALLING THE MOTOR-FAN AND ACCESSORIES IN HEARTH TC-1.

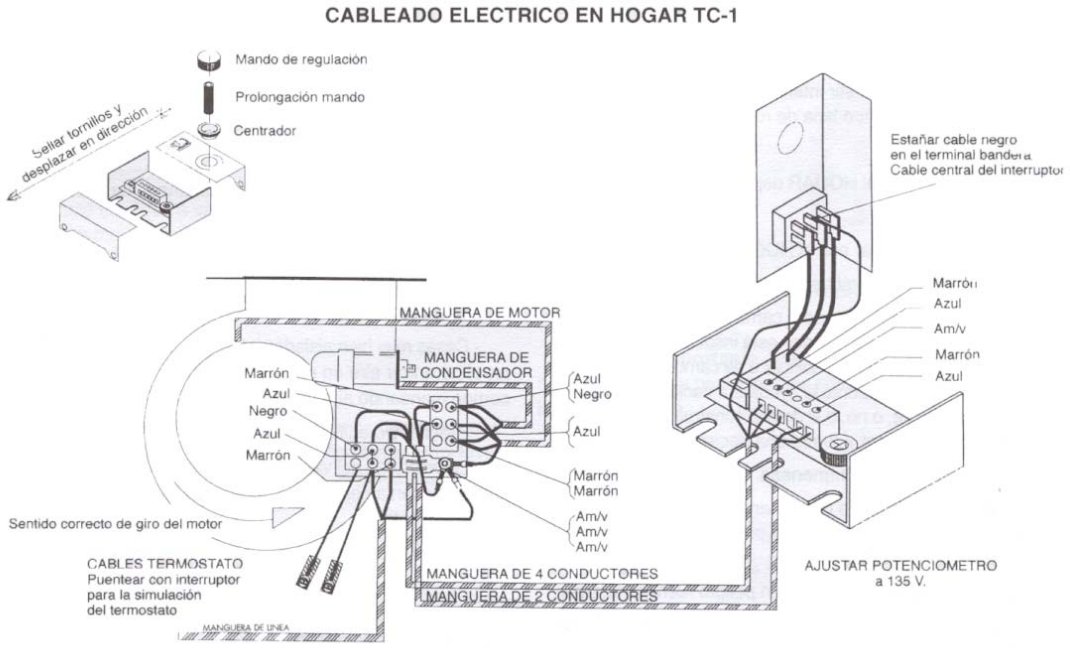
In order to install the motor-fan and other elements, please follow the detailed instructions indicated below.

1. *Select the side that is most convenient to place the motor-fan and thermostat.*
2. *If the side selected is not the open side, change the cover to the other side.*
3. *Screw the motor bracket to the side of the frame.*
4. *The thermostat can be installed on either side. Loosen the relevant tray and screw it directly to the cast iron projection.*
5. *Connect the two white wires (loose) to the thermostat connectors and the power cable to the power supply.*

6. *Ensure you have access in order to dismantle the motor in the event of any break-down.*

3.6USING AND HANDLING ELECTRICAL ACCESSORIES

The thermostat has been regulated to a temperature of 55ºC and, therefore, does not require any adjustments, except connecting the wires.
The regulation box (SWITCH-POTENTIOMETER) must be installed in an accessible place, near the Hearth.
There are two independent controls: a start-stop switch and a regulator that features the minimum pre-set revolutions for the fan. This control is used to change the motor rpm, with a view to selecting the optimum rate.
The thermostat operates independently, so that even when the switch has been disconnected, the fan will start if the temperature exceeds the pre-set values on the thermostat. Revolutions can be selected with the regulator, whether the switch is on or off.



3.7FAN FEATURES, CURVE

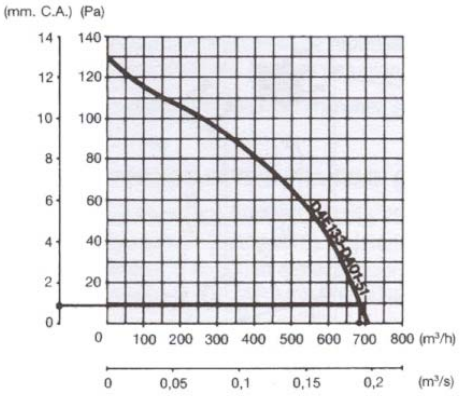
The length and diameter of the air pipes affect load loss, reducing the flow of useful air transported. Therefore, this must be taken into account when installing the air system.
In order to do this correctly, the fan curve must be known. The y-axis displays load loss and the x-axis displays flow in m^3h.

VERY IMPORTANT

The fan motor must be connected to the power supply network permanently in order ***to connect automatically****, triggered by the thermostat, whenever the Hearth is producing heat.*

It automatically stops when the Hearth cools.

If it is disconnected when the Hearth is hot, the electrical components may be damaged.



Características del ventilador

Caudal máximo	= 710 m³/h
Potencia	= 75 W
Intensidad.....	= 0,35 A
Nivel sonoro	= 49 dBA
Tensión.....	= 220 V monofásico

4.- INSTALLATIÓN

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

When, in the same room, the device is going to be operating together with other heating devices that require air for their combustion process, we recommend planning an intake of additional exterior air to facilitate the combustion of the said devices.

The use of one or more heating devices in the same room reduces the level of oxygen which affects combustion and reduces chimney draw.

The way you install the HEARTH will have a decisive effect on safety issues and on how it operates.

It is important to for the installation to be performed correctly.

The safe installation of the HEARTH and of the Chimney may be complicated and, therefore, we recommend entrusting the task to a professional. If you decide to do it yourself and if you have any queries, ask an expert or call us directly at the factory.

In order to prevent the overheating of the hood lining panels, we recommend lining the said walls internally with an insulating material, such as rock wool or a similar product.

4.1 CHIMNEYS

The way the HEARTH works depends on:

a) The chimney.

b) How it is used.

c) The quality of the fuel used.

Over the years, you may change the type of fuel you use but, once the chimney has been installed in a given place, it is not so easy to alter or reposition.
Therefore, the following information will help you decide whether you can use your present chimney or not, or whether you need to build a new one.

The base where you are going to place your Hearth must be flat and provide a perfect seat for your Hearth. The base must be built using heat resistant materials.

4.1.1 How chimneys work.

A basic knowledge of the dynamics of chimneys will help you make the most of your HEARTH.

Chimneys:

a) Safely evacuate smoke and gasses from the house.

b) Provide sufficient draw in the hearth to keep the fire alive.

What is the "chimney draw"?

The tendency air has to rise generates the chimney effect.

When the HEARTH is lit, hot air rises through the chimney. The chimney flue heats up and keeps it drawing. Until the chimney is hot enough, the chimney effect will not work properly.

The chimney effect depends on the location, size and height of the chimney.

The following must be taken into consideration:

- *Chimneys located inside a house keep warm and, therefore, chimney draw is greater.*

- *The chimney size recommended by the manufacturer will provide a good chimney effect.*

- *The height of a chimney affects how it draws: greater height, better chimney effect.*

The chimney must project at least one metre over the highest part of the roof.

Other factors also affect chimney draw:

- *High trees and/or buildings near the house also have a negative effect on chimney draw.*

- *Wind speed. Usually, sustained strong winds increase chimney draw but stormy winds have a negative effect.*

- *External temperature. The colder it is outside, the greater the chimney effect.*

- *Atmospheric pressure. The chimney effect is usually poor on rainy, damp or stormy days.*

- *Intensity of the fire. The hotter the fire, the stronger the chimney effect.*

- *Cracks in the chimney, badly sealed or dirty door, air entering through pipe joints, other devices connected to the chimney.... may affect chimney draw negatively.*

4.1.2 Creosote formation and cleaning.

When wood burns slowly, it produces tar and other organic fumes that, when combined with a damp atmosphere, form creosote. Creosote fumes may condense if the chimney walls are cold. If it catches fire, extremely tall fires may be caused. Any accumulation of creosote must be eliminated. As the accumulation of creosote depends on a number of variables, it is very difficult to know when the chimney should be cleaned. The safest way of ensuring that the chimney of your hearth is creosote free is by performing a visual inspection. Consequently, we recommend building installations that are easy to access.

4.1.3 Options.

If you are going to build a chimney for the HEARTH, you have two alternatives:

a) Brickwork chimneys.
b) Metal chimneys.

Studies have reached the conclusion that there is no great difference in performance between metal and brick-cement chimneys. You will have to choose one or the other.

Whenever possible, build your chimney inside the house; this will provide better draw, lower creosote accumulation and a longer life.

THE ADVANTAGES OF BRICK CHIMNEYS INCLUDE:

a) *Fumes cool off more slowly inside the chimney due to the mass of bricks and tiles.*

b) *As bricks accumulate heat, the house keeps warm longer after the fire is put out.*

c) *It can be built to the specific requirements of each person.*

d) *If well built, it will be more resistant to fire than metal chimneys.*

Brick chimneys must be well lined to prevent the fumes from losing temperature. They must be built with materials that support high temperatures and corrosion. They may be round, square...., what matters is the size of the internal section.

Brick-work chimneys for the HEARTH must comply with the measurements indicated in section 9: TECHNICAL DATA.

THE ADVANTAGES OF METAL CHIMNEYS INCLUDE:

a) *Easy installation.*

b) *It is possible to change the direction of the chimney slightly, which provides greater flexibility when deciding where the HEARTH should be installed.*

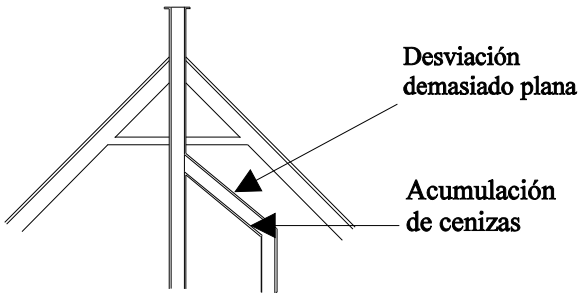
c) *Curved joints can be used, which eliminates acute angles that have a negative effect on draw.*

4.1.4 Some rules.

We shall now explain a number of rules that should be followed when building a chimney:

a) *Use resistant, fireproof materials. Do not use cement asbestos pipes.*

b) *Choose the most vertical and straight route possible and do not connect several devices to the same chimney.*



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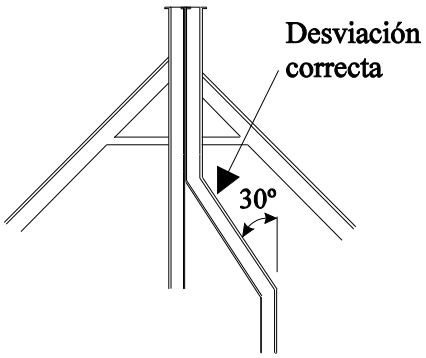

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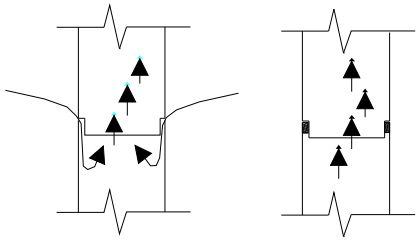
c) *The conduit should not come to an end near buildings and must be higher than the nearest obstacle if there is another building nearby.*



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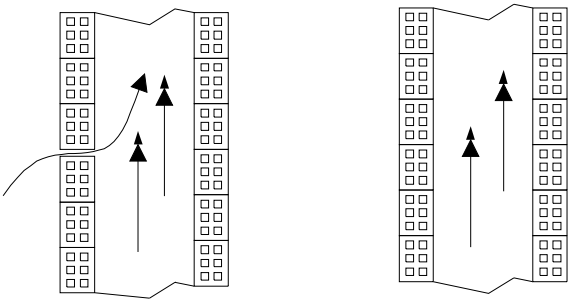

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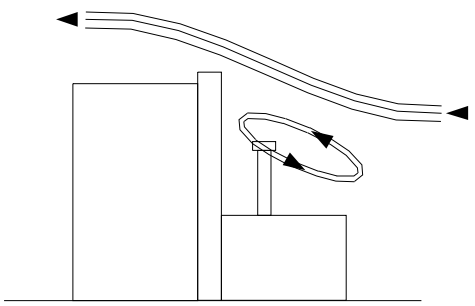
d) *Install the conduit in an area as protected from the cold as possible.*
If possible, the chimney should be built inside the house.



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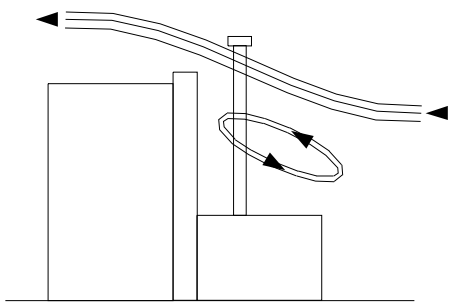

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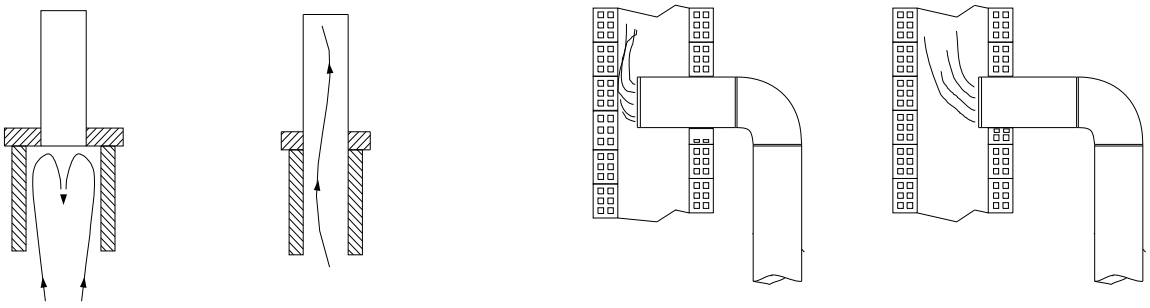
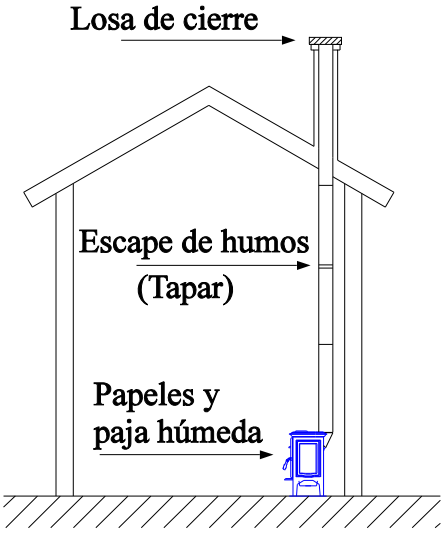
e) *The internal walls must be perfectly smooth and free from obstacles. Avoid bottlenecks where pipes join to the brick chimneys.*



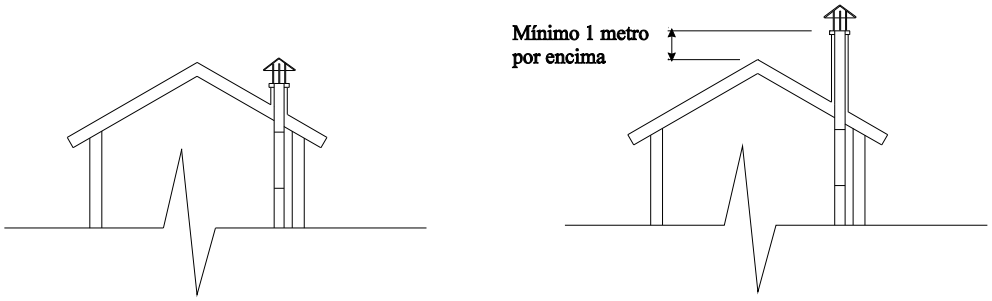
f) *It is **very important** to ensure that the joints of the pipes are well sealed to avoid possible cracks through which air may enter.*

In order to verify the air-tightness of the chimney, you may:

- *Cover the outlet on the roof.*
- *Introduce damp paper and straw at the bottom of the chimney and light it up.*
- *Watch for possible cracks through which smoke leaks out and seal them.*



g) *It is **very important** that the chimney should be one metre higher than the highest part of the house. If you need to increase the draw, extend the length of the chimney.*



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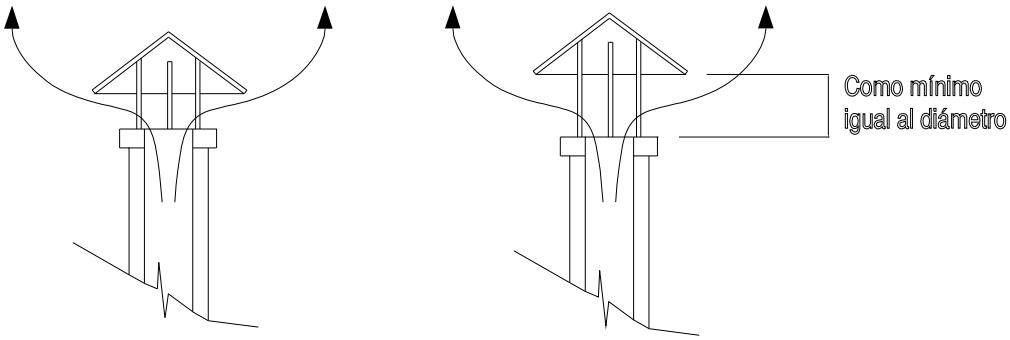
h) *Chimney covers must not affect chimney draw.*



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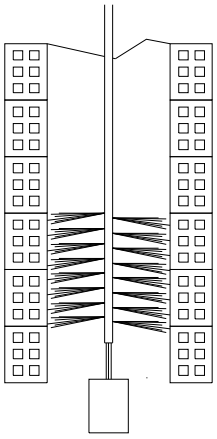
i) *Clean the chimney at least once a year.*



The most efficient way of cleaning chimney conduits is using appropriate chimney brushes. Chemical products are available to help postpone classical chimney sweeping operations.

Brushes must adapt as closely as possible to the diameter of the chimney.

j) The joints between the pipes that form the chimney, in the case of simple metal pipes, must be sealed with refractory putty.

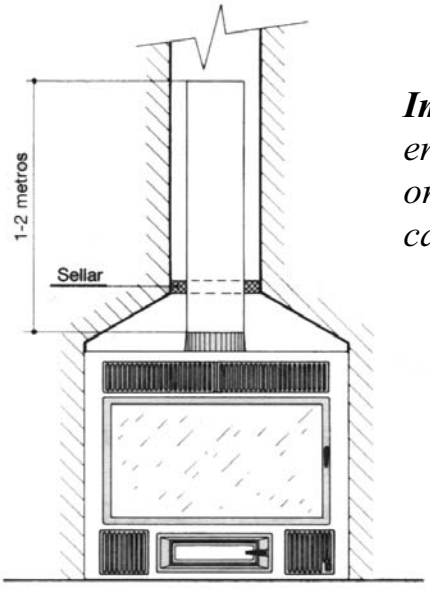
The female coupling of the pipes must face upwards to avoid creosote from leaking out.

k) External metal chimneys must be built with special double insulated pipes for solid fuels.

4.1.5 Assembly using existing chimneys.

It is advisable, when using existing chimneys, to place one or two metres of metal pipe inside the chimney and seal the gap between the pipe and chimney walls.

***It is advisable** to clean the chimney conduit at least once a year. In order to access the chimney for cleaning purposes, observe the following instructions:*
1) Remove the hood.
2) Once the hood has been removed, you will be able to access the chimney. Clean the conduit using a special chimney brush.



***Important**: Do not place the entire weight of the chimney on the Compact as this may cause it to break.*

5.- INSTRUCTIONS OF USE

5.1 RECOMMENDATIONS

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

Once you have installed the hearth, check that all joints have been sealed in order to prevent air seeping in, which would have a negative effect on the draw.

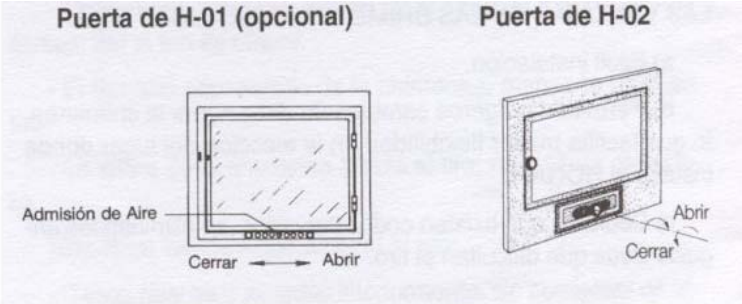
Before lining the hearth with bricks or any other material, make sure it works correctly.

When lighting the hearth for the first time, it is advisable to open the windows in order to evacuate the fumes and smells that may be caused by the combustion of the solvents used in the protective paint or of any other material.

5.2 REGULATING DRAW

In order to regulate fire intensity in the H-01, turn the chimney butterfly valve.

If you have the optional glass door, it is advisable to open the butterfly valve completely and regulate intensity by sliding the air intake hatch located on the front of the door frame.



In Models H-02/22 and TC-1, use the ash pan (turning the handle) to regulate intensity.

If you wish to increase the heating power of the HEARTH, use a chisel and hammer to open the holes located on the back of the grate. (This grate is not provided with models H-02/22 and TC-1).

***IMPORTANT**!! The hearth must be closed at all times when lit to avoid smoke from leaking out. Only open to introduce fuel.*

6.- CLEANING

6.1ENAMEL CAST IRON FRONT PIECE (ACCESSORY)

Preferably clean when the HEARTH is cold. Use a damp cloth dipped in soapy water. Avoid the use of strong detergents or abrasive products that may damage the enamel.

6.2PAINTED FRONT PIECE AND CAST IRON PARTS

Preferably clean when the HEARTH is cold. Use a cloth slightly soaked in clean cooking olive oil. Then clean with a dry cloth.

6.3THE GLASS ON THE DOOR (Accessory)

Hearth glass products are rather effective products. Never try to clean the glass while the hearth is being used. We recommend using the ***Hergóm*** *glass cleaner.*

6.4JOINTS AND SEALS

We recommend, at the beginning and towards the middle of the season, performing a visual check on the state of joints (doors, glass…) and sealing, in case any replacements or repairs were required.

Replacing: The glass parts on your HEARTH are Thermoshock, especially manufactured for log and/or coal fired hearths. If it breaks, it must be replaced by another glass pane of the same type. Ask your Distributor to supply the appropriate piece, together with instructions on how to install it and seal the joints.

7.- SAFETY

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

Below, we shall indicate a number of recommendations and some advice but, above all else, we recommend common sense.

1. *Keep any flammable material (furniture, curtains, clothes...) at a minimum safety distance of 0.90 m.*

2. *Ash should be emptied into a metal container and immediately removed from the house*

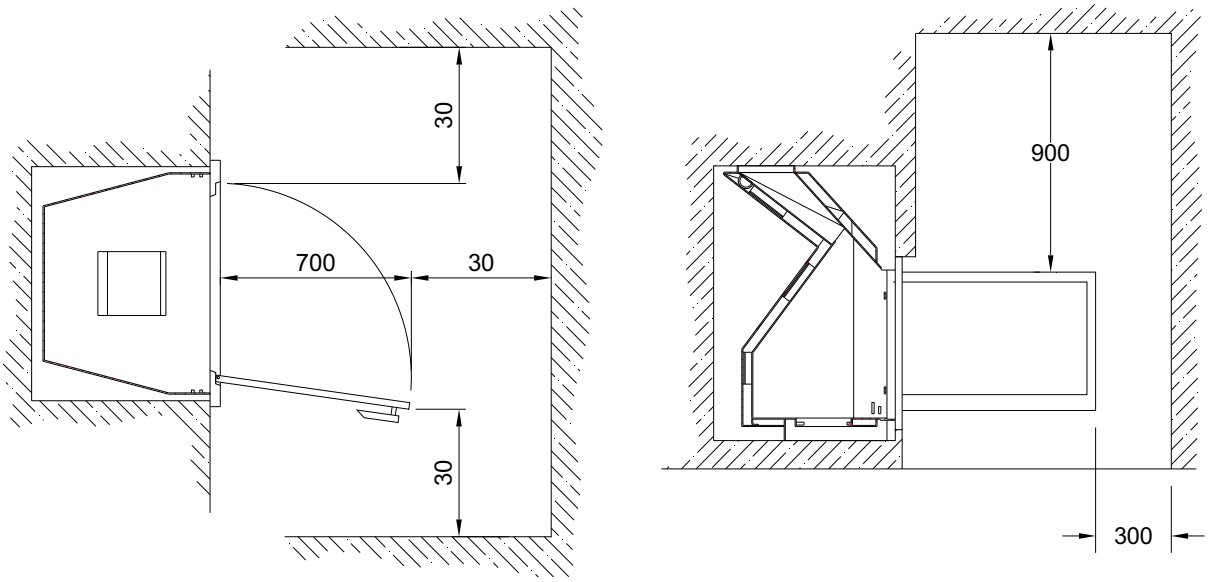
3. *Never use flammable liquids to light the hearth. Keep any type of flammable liquid (petrol, alcohol…) away from the hearth.*

4. *Periodically inspect the chimney and clean whenever necessary. Also inspect the state of joints, glass, screws….*

5. *Do not install near walls that are combustible or that feature any type of lining that may be damaged or deformed by high*

temperatures (varnish, paint...). Ensure that the top hot air grilles are not installed on combustible elements.

6. *Protect your hands with a glove or other insulating material because, during operation, the handle will get hot.*



REPLACING THE POWER SUPPLY CABLE
If the power supply cable is damaged, it must be replaced by the manufacturer or by the S.A.T. or by qualified personnel, in order to avoid risks.

Industrial Hergóm, S.A. rejects any liability derived from a faulty installation or incorrect use and reserves the right to alter its products without prior warning.

Any liability due to manufacturing defects will be subject to the criteria and verification of the company's experts and will be limited to the repair or replacement of its products, in accordance with the warranty agreement that comes with each product.

When installing a H-02/22 Heater Hearth, with a closed expansion vessel, a number of safety requirements must be considered.

1. *When installing the radiators, do not place zone thermostatic valves on all radiators. Part of the installation (radiators) must be open so that the hearth may be able to dissipate any overheating.*
2. *It is obligatory to place a safety valve, regulated at a pressure of 3 bar. The installation should be performed at a pressure of 1 bar.*

3. *It is obligatory to place a closed expansion vessel on the installation. The vessel's load pressure must be the same as the filling pressure. The volume of the expansion vessel must be proportional to the volume of water in the installation.*
4. *It is advisable to place a minimum thermostat in the installation that will cut the circulator when the water from the tubes falls below 50ºC. This will avoid condensation when the hearth is lit.*
5. *It is advisable that all installation components (safety valve, circulator, expansion vessel…) should be placed in the return system.*

How to act in the event of overheating or fire in the chimney.

If you should detect any overheating of the hearth caused by:

Fan failure
Circulator failure
Thermostat failure

You should shut down the device in order to avoid damaging cast iron parts.
Follow these recommendations:

- *Do not introduce any more fuel.*
- *Open the door slightly to let more air in; this will cause the flames to grow and consume the fuel more quickly but will also cool the chimney and reduce draw which will also cool the device.*

In the event of fire in the chimney, follow the same steps as indicated above.
Call the emergency services as soon as possible.
Lighting up the H-02/22

To light up the hearth, first lay a base of paper on the grate at the bottom. Then place a layer of thin branches or pieces of wood. Before lighting the paper, it is advisable to place some paper in the cast iron deflector, accessing through the front door, and light it; this will heat up the chimney, forcing our any cold air inside (especially on cold winter days), favouring the draw and avoiding any smoke from leaking into the room.
Now you may light the paper and wooden base; leave the door slightly open for about 20 minutes. Once the flame has stabilised, close the door and the device may be regulated by means of the valve on the ash pan.

ATTENTION!! When the hearth is working, the metal parts may reach high temperatures. Protect your hands with fireproof gloves if you have to touch it.

8.- SPECIFICATIONS

SPECIFICATIONS

Nominal thermal power transmitted to the atmosphere: H-01/H-02		11,5
Capable of heating	m^3	250
Dimensions of the combustion hearth		
Height	mm	630/260
Width	mm	630/450
Length	mm	430
Volume of combustion chamber	dm^3	105
Diameter of fumes outlet	mm	200
Brickwork chimney	mm	200X200
Recommended height of the chimney	m	5 a 6
Weight without front piece H-01	Kgs	135
Weight FRANKLIN front piece	Kgs	23
Weight Mod. H-02	Kgs	187
Weight Mod. H-02/22	Kgs	223
Weight Mod. TC-1	Kgs	199
HEATER HEARTHS		
H-02/22 (Nominal thermal power transferred to water)	Kw	18
(Nominal thermal power transferred to the environment)	Kw	7
Yield	%	70
Smoke flow	g/s	32,8
Average temperature of smoke	ºC	309
Temperature of smoke evacuation ring	ºC	333
Minimum recommended draw;	Pa	12,5
Average CO_2 concentration	%	5,59
Acceptable maximum temperature of service to the water	ºC	80
Rehearsal pressure	bar	6
Acceptable maximum pressure of service	bar	3
TURBO-CONVECTOR HEARTH TC-1		
Heat transfer to the air	Kw	18

Recommended fuel

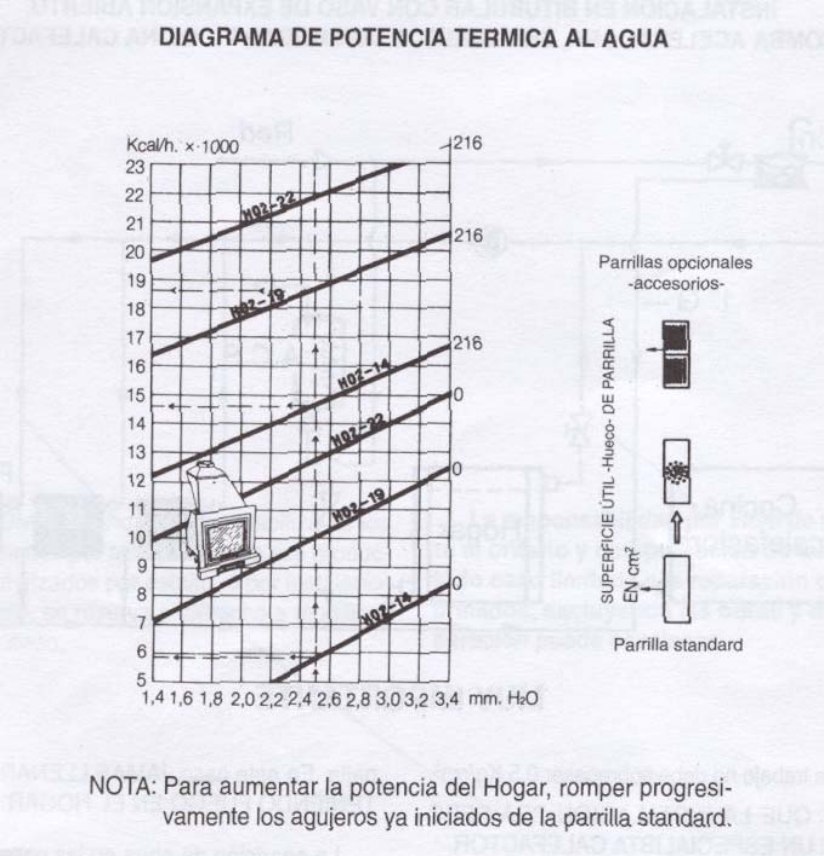
Fuel	Dimensions L x Ø	Weight max. Load per hr H-02/22
Beech	55cm x 7cm (aprox.)	6 Kg.
Hola oak	55cm x 7cm (aprox.)	6 Kg.
Pine	55cm x 7cm (aprox.)	6 Kg.

Attention!! Your hearth should not be used as an incinerator and no other types of fuel should be used (plastic, coal…). Only use recommended materials.

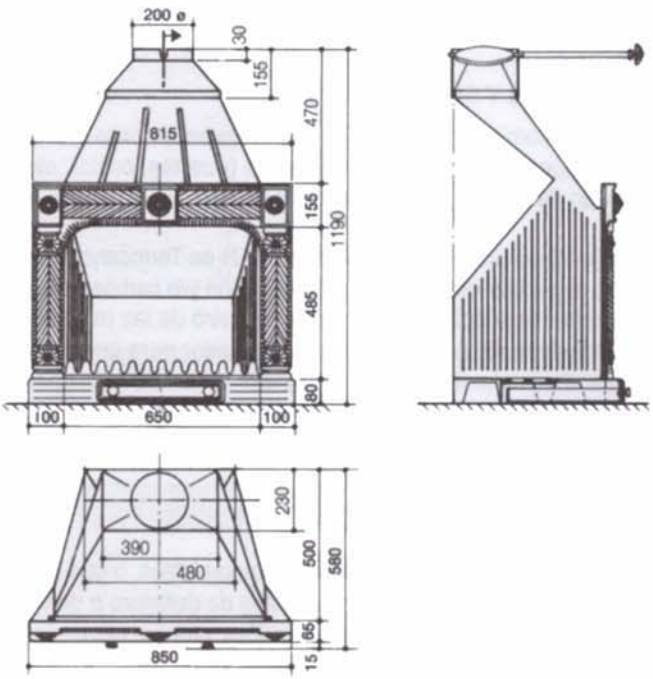
Fuel	Dimensions L x Ø	Weight max. Load per hr TC-1
Beech	55cm x 7cm (aprox.)	5,5 Kg.
Hola oak	55cm x 7cm (aprox.)	5,5 Kg.
Pine	55cm x 7cm (aprox.)	5,5 Kg.

Fuel	Dimensions L x Ø	Weight max. Load per hr H-01/H-02
Beech	55cm x 7cm (aprox.)	3,5 Kg.
Hola oak	55cm x 7cm (aprox.)	3,5 Kg
Pine	55cm x 7cm (aprox.)	3,5 Kg

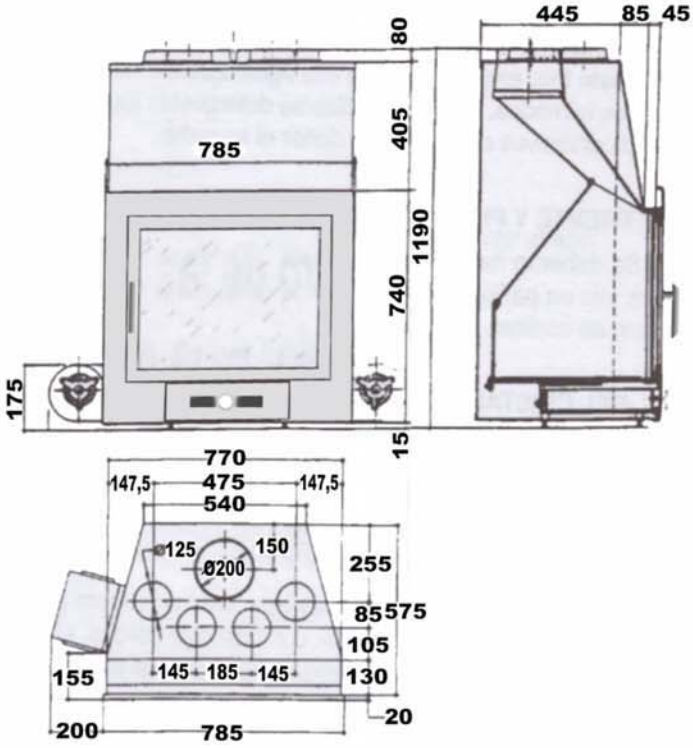
Approved in accordance with Standard:
UNE-EN 13229:2001 "Insert appliances including open fires fired by solid fuels. Requirements and test methods", modified by UNE-EN 13229/A1:2003 and UNE-EN 13229:2002/A2:2005



Mod. H-01 con portico Franklin



Mod. TC-1 Turboconvector



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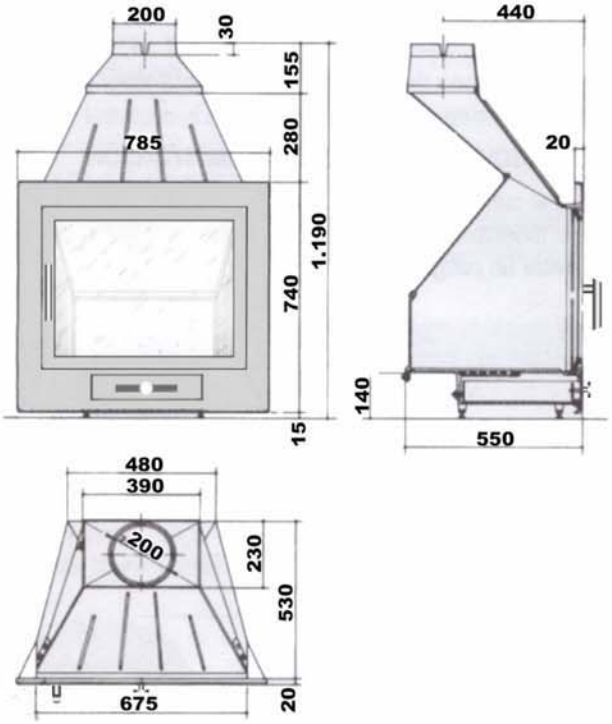
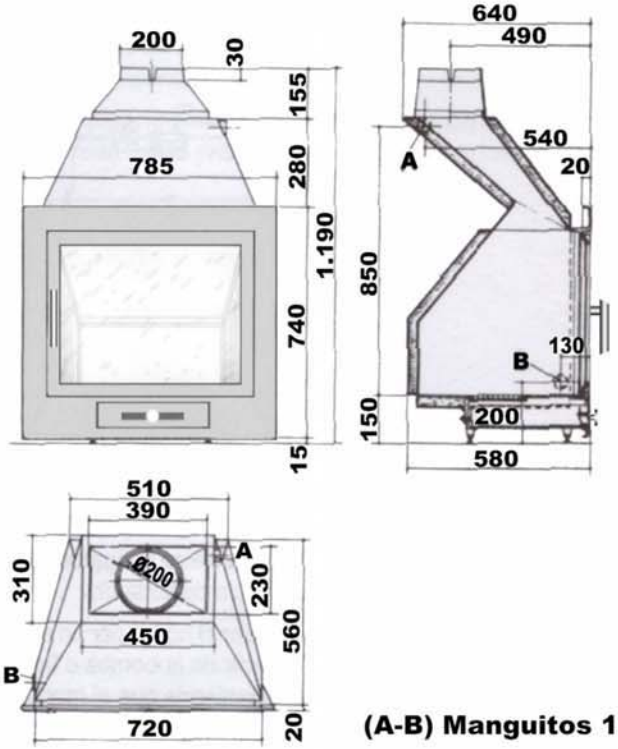


Mod. H-02/22



(A-B) Manguitos 1 1/2"

9.- INSTRUCTIONS FOR INSTALLATIONS

To prevent the hearth from being damaged due to the overheating of the boiler, pump failure or power supply problems, we recommend that, at least, the first radiators in the installation be arranged so that they are capable of operating by means of thermalsiphon systems, using pipes with a greater diameter in those sections.
We recommend the installation of a thermal discharge valve. The outlet of this valve must be ample, located in a visible place and protected to avoid spillage or splashes.
It is imperative to avoid all types of siphon situations in the pipes that go to the expansion valve.

VERY IMPORTANT
WE RECOMMEND THAT THE INSTALLATION SHOULD BE INSTALLED BY A PROFESSIONAL.
If, by any mistake, the Hearth is lit when the water circuit is not full, put the fire out immediately in order not to damage the boiler. In this case, NEVER FILL THE WATER CIRCUIT WITH WATER WHEN A FIRE IS LIT IN THE HEARTH.
If water appears on the walls of the boiler, especially the first few times the hearth is lit, this may be due to condensation and tends to disappear with use.
The H-02/22 Hearth has not been designed to operate with the intermittent combustion system; it is a constant fire system.

10.- PRODUCTS

Indústrias Hergóm, S.A.,. *places a range of products for the preservation of its hearths at your disposal:*

- *Anti-heat paint for cast iron and metal parts.*

- *Refractory putty, to improve air-tightness and sealing.*

- *Anti-soot, a powerful catalyst that enhances the elimination of non-burnt by-products.*

- *Fire-starters, an essential product when quick, clean ignition is required.*

- *Window cleaning liquid, an ideal product to eliminate carbonised grease from heath windows, chimneys...*