

# LUNA DIAMOND GAS

700-1000-1150-1300-1600-1900H

INSTRUCTIONS FOR INSTALLATION AND USE



PASSION FOR FIRE

# **VERY IMPORTANT**

## **INSTALLATION INSTRUCTIONS FOR THE M-DESIGN GAS FIREPLACES**

**THE SUPPLIER TAKES NO RESPONSIBILITY FOR ANY  
POSSIBLE DAMAGE, POOR WORKING APPLIANCES AND  
ACCIDENT AS A RESULT OF INCORRECT  
INSTALLATION**



**PASSION FOR FIRE**

### **MAINTENANCE GAS FIREPLACE M-DESIGN**

THE M-DESIGN GAS FIREPLACES MUST BE CHECKED EVERY 2 YEARS AND GET A MAINTENANCE. THIS IS ALSO TO MAINTAIN YOUR WARRANTY. IF THIS WILL BE NOT OBSERVED, THE WARRANTY FELL. YOU CAN RELY ON M-DESIGN TO MAKE THIS CHECK FOR YOU, OR YOU CAN DO THIS BY YOURSELF AND FOLLOW THE METHOD BELOW.

## SUMMARY

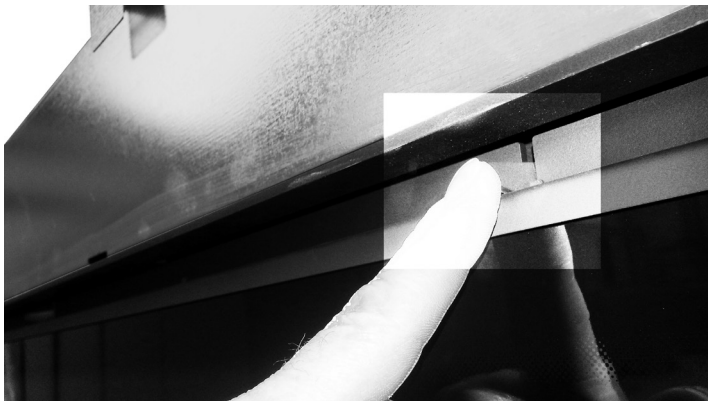
1. GENERAL REMARKS.....	5
2. CONNECTION.....	5
3. INSTALLING THE FIREPLACE.....	6
3.1. Positioning the fireplace .....	6
3.2. Nearbox (Gasunit).....	7
3.3. The Gas connection .....	8
3.4. Electrical connection.....	9
3.5. Modification natural gaz to propane .....	9
4. INSTALLING THE CHIMNEY .....	10
4.1. Roof exit (C31).....	10
4.2 Roof exit via existing chimney .....	11
4.3 Wall exit (C11).....	12
4.4 Roof exit with bend.....	13
5. FLAME ADJUSTMENT SETTINGS.....	13-14
6. INSULATION AND FINISHING .....	14
7. CONVECTION CURRENT .....	15-17
8. POSITIONING THE LOGS .....	18-23
9. FIRST-TIME USE.....	24
10. SAFETY, ADVICE AND MAINTENANCE .....	24
11. GUARANTEE .....	25
12. REMOTE CONTROL .....	26-28
13. DRAWINGS .....	29-34
14. IDENTIFICATION BOARDS .....	35-36

# OPEN EN CLOSE THE DOOR

For initial setup, you need to clean the window and clear the fireplace of any dust and grease that is left behind. This is also the only maintenance action that may be performed on the device by the user.

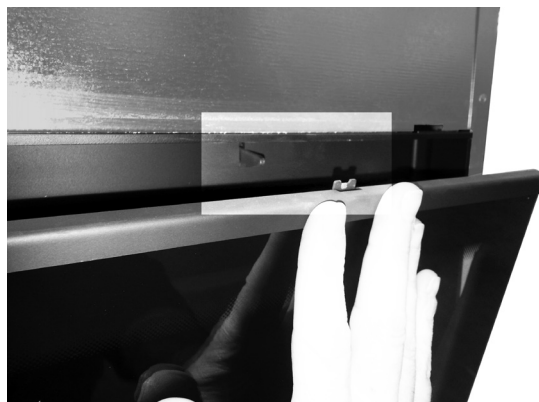


Thanks to a patented system, the door can be easily opened at an angle of 45° to allow a user-friendly cleaning of the window



**OPEN**

Above the glass (below the upper frame) hooks are provided (left, right and center). Push it upwards with your fingers. the window can now be opened.



**CLOSING**

To close, push the door gently (but not too soft) against the hooks. Make sure that all hooks are hooked

## 1. General remarks

This is an appliance using the closed combustion system, designed for the atmosphere and comfort of your living-room. It constitutes an efficient source of heat and gives the impression of a real fire.

The balanced flue appliances are based on the principle of natural extraction from the firebox, which eliminates flue gas outside and brings in air (oxygen) from outside the house which is necessary for combustion of the gas. It uses to this effect two concentric pipes. The internal pipe ensures the elimination of burned gases and the external pipe brings in combustion air. The advantage of this principle is that the equipment works independently of the atmosphere which predominates in the house.

## 2. Connection

This appliance must be connected by an approved installer in accordance with the most recent

regulations in force. On the basis of your order specifications, this appliance is designed for natural or propane gas.

Read the instructions before installing and using this appliance. Before installing the appliance, please check the local regulations about this type of appliance (identification of the type of gas, etc.) and check that the furnace is adapted to your means of installation.



**The appliance must be connected to the type of gas mentioned on the appliance. Never connect a propane burner to natural gas or vice versa!**

It is imperative that the installer sees to the following:

- The appliance must be subject to an air tightness test of the gas and elimination of flue gases.
- The concentric pipe, if already available, must be working correctly.
- The running of the control valve, lighting of the pilot light, the main burner and the thermocouple must all be checked.

This appliance has been programmed and factory sealed. The sealed parts cannot be modified. The appliance may therefore also be installed in airtight accommodation and accommodation equipped with mechanical ventilation. It constitutes ambient heating even in accommodation equipped with a closed ventilation system.

### 3. Installing the fireplace

After having checked the appliance, you are ready to install your appliance. This is done as follows

#### 3.1. Positioning the appliance

Place the appliance on a stable surface using the adjustable feet. Adjust the height of the appliance turning the bolt ( pic 1 )



**The appliance must not be placed directly on the floor as you need to allow natural convection. The apertures for the air supply (IN) is situated underneath the appliances**

Regulating the height of the appliance :

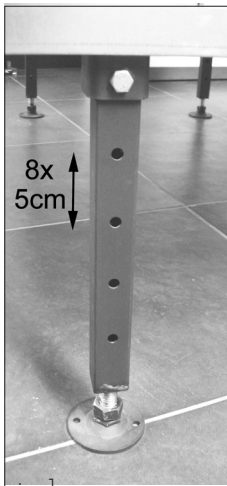
This can be made in two ways.

A regulation by 5 cm ( pic. 1 ) and a fine regulation by screw ( pic.2 ).

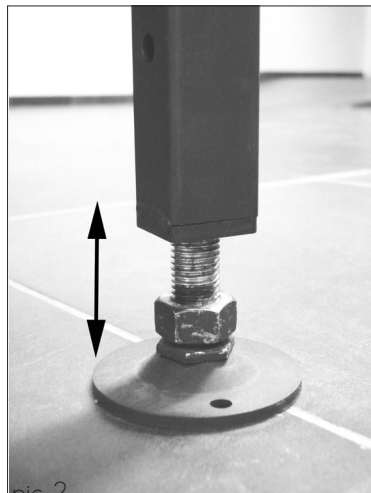
The minimum height as from ground to the bottom of the appliance is 3,5 cm ( A min ).

The minimum height "C min" will be 22.5 cm, measured as from the ground to 4th side frame ( pic.3 ).

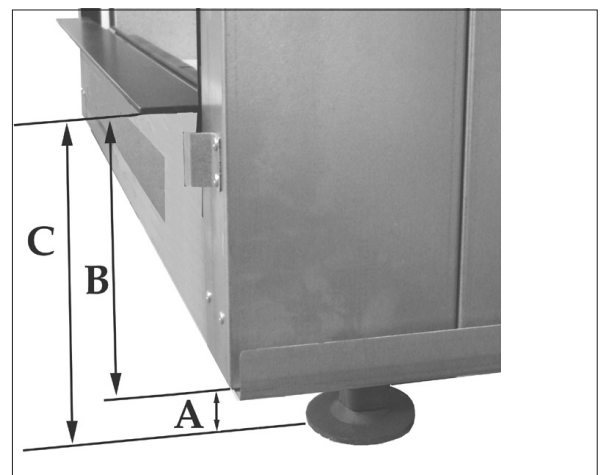
The maximum height as from the ground to the 4th side frame is 45 cm for LUNA DH and max 35cm for Luna CL/CR/DC



pic.1



pic.2



Pic 3

A min = 3,5 cm  
B = 19 cm  
C min = 22.5 cm

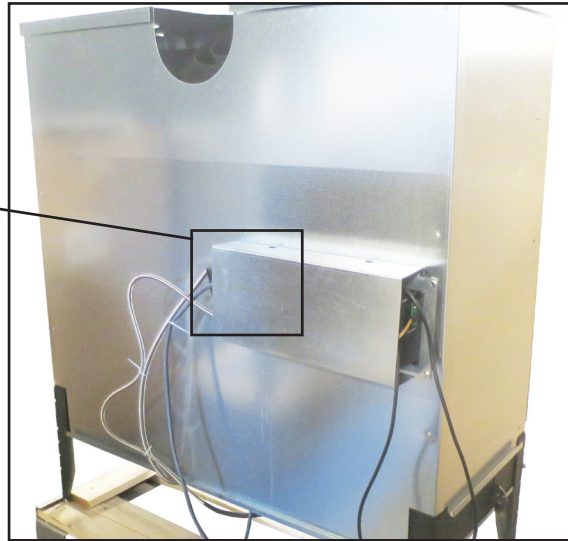
### 3.2. Nearbox (gasunit)

For safety reasons, The gasbattery or "NEARBOX" is fixed with screws at the rear of the unit during transport .

THE UNIT CANNOT BE INSTALLED WITH THIS NEARBOX FIXED AT THE REAR, IT IS MANDATORY TO UNSCREW THE BATTERY FROM THE REAR PRIOR TO INSTALLATION .



unscrew 4 screws in the corners (key 8)



to second burner or side burner ←

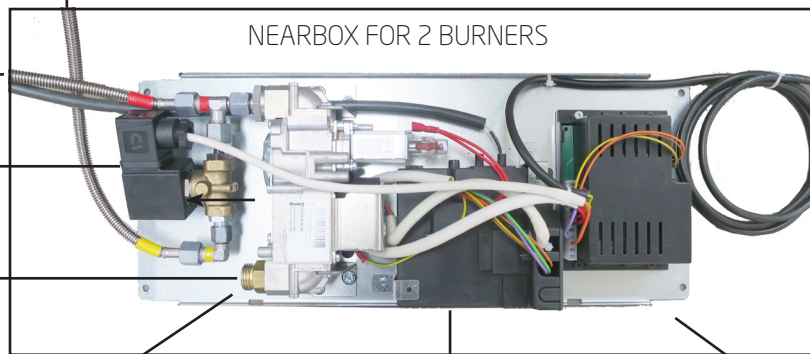
to main burner ←

Electro magnet vent 1 or 2 burners ←

gas connection 1/2" ←

Gas valva  
VK4105ME5004

NEARBOX FOR 2 BURNERS



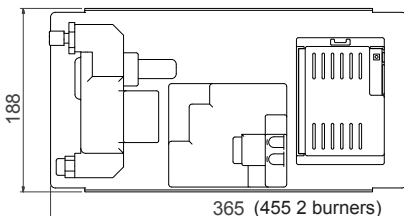
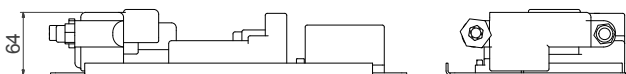
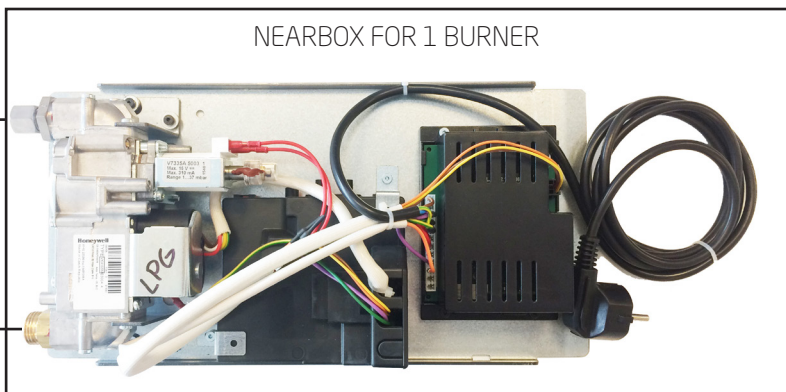
Transmitter burner

reciever  
DFGT-03MC01 V09

to main burner ←

gas connection 1/2" ←

NEARBOX FOR 1 BURNER

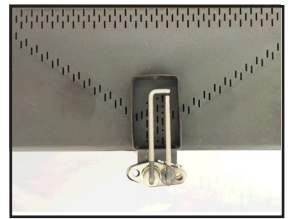


### 3.3. The Gas connection

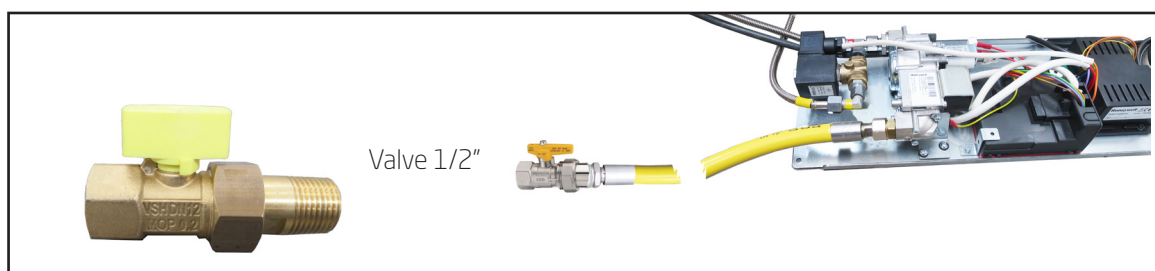
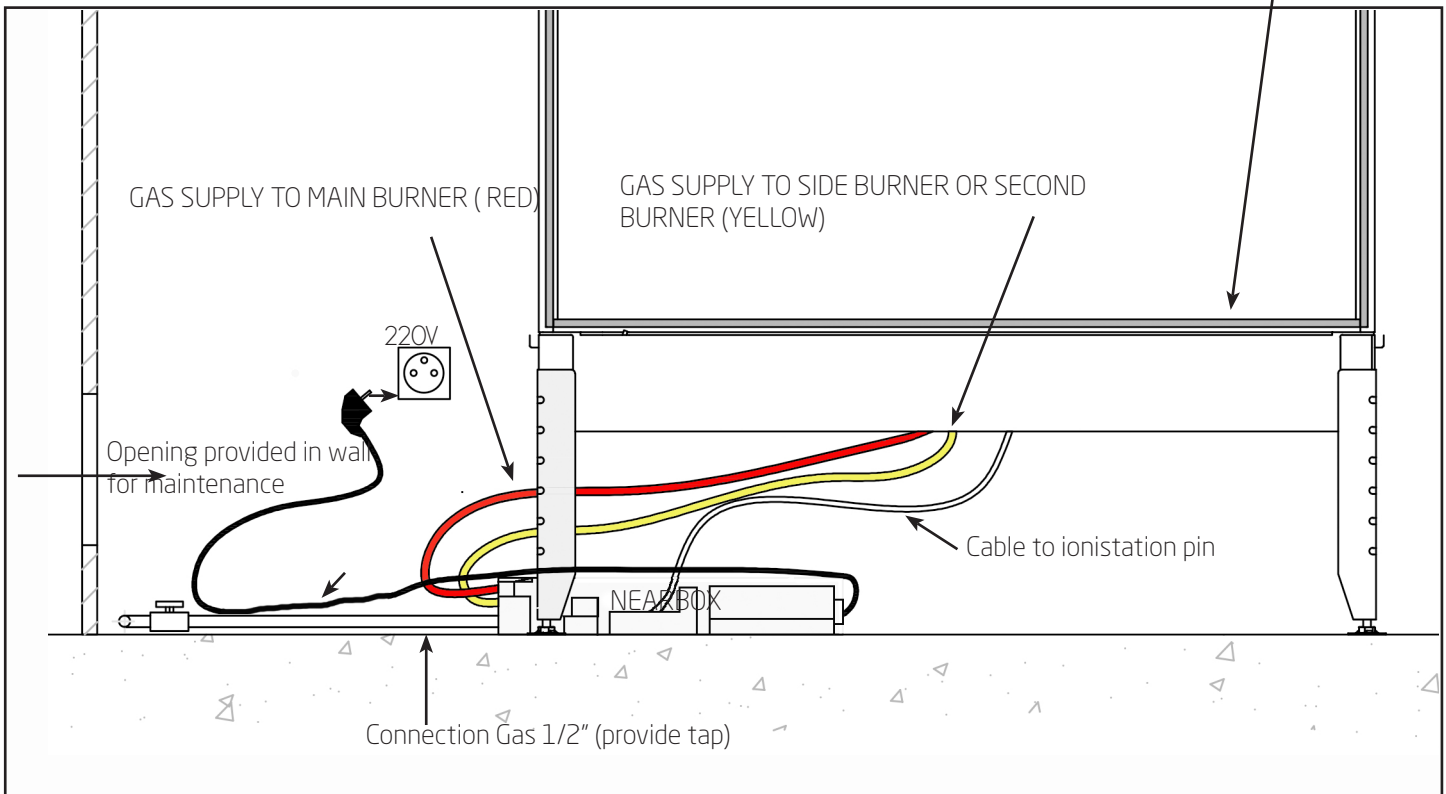
After the "NEARBOX" has removed from the of the back of the fire, you can place it loosely on the ground in proximity to the opening provided in the wall of mantelpiece. The device is always connected with an approved gas tap 1/2", and preferably with a yellow gasflexible that is reachable at all times. Provide the mantelpiece with a door so that the valve and the electrical connection is easily accessible.



**The appliance is provided with a direct ignition , no starting pilot**



**ATTENTION : DO NOT PLACE ANY DECORATION ON THE DIRECT IGNITION PIN (be carefull to stay out of the little rectangular zone with the dcoration)**



### **3.4. Electrical connection**

These appliances are equipped with a radiographic remote control, making an earthed 220V socket necessary.

You should bear in mind that the appliance must be connected to all electrical supplies for the purposes of service. It's mandatory to connect an earth current.

### **3.5. Modification natural gaz to propane**

Modification of the fireplace can only be done by the manufacturer or an approved installer. A new signal plate is provided.

## 4. Installing the chimney

Install the concentric flue duct as indicated by ONTOP - METALOTERM. The only authorised pipes are ONTOP Metaloterm™. ONTOP-METALOTERM tested our appliances with their conduct and we only guarantee a good working of the appliance with those. Between the external wall of the pipe and the wall or the ceiling, you should allow for a clearance of at least 50mm and protection that is suitable against temperatures of around 130°C. The passage of the front panel cowl in the external wall must be filled in using silicone mastic.

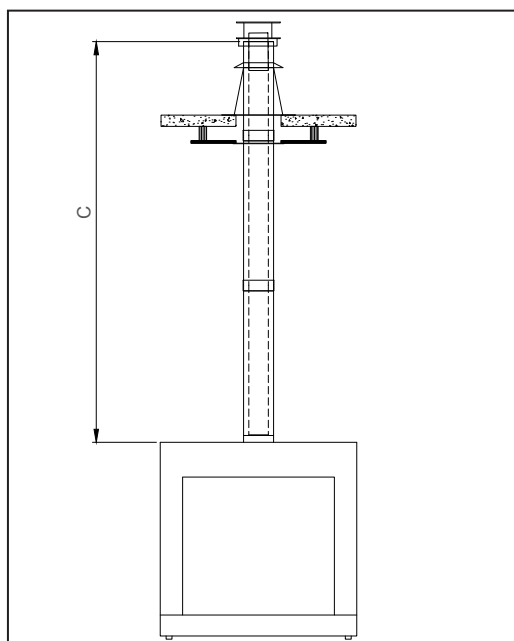
### 4.1. ROOF EXIT (C31)

This is recommended with a roof exit  $\geq 3$  m

<b>Ø 150/100</b>			
Appliance	C (min)	C (max)	Restriction (as from 4m)
700H / 1000 H	3 m	18m	Ø 60 (as from 2m : Ø 75)
1150 H	3 m	18m	Ø 53
1300 H	3 m	18m	Ø 60
1600 H	3 m	20m	Ø 75

This is recommended with a roof exit  $\leq 3$  m

<b>Ø 200/130</b>			
Appliance	C (min)	C (max)	Restriction (as from 4m)
700 / 1000 H	2 m	10m	Ø 60 (as from 2m : Ø 75)
1150 H	2 m	10m	Ø 60 (as from 2m : Ø 75)
1300 H	2 m	10m	Ø 60 (as from 2m : Ø 75)
1600 H / 1900 H	2 m	12m	Ø 60 (as from 2m : Ø 75)




## 4.2. ROOF EXIT VIA EXISTING CHIMNEY (C91S)

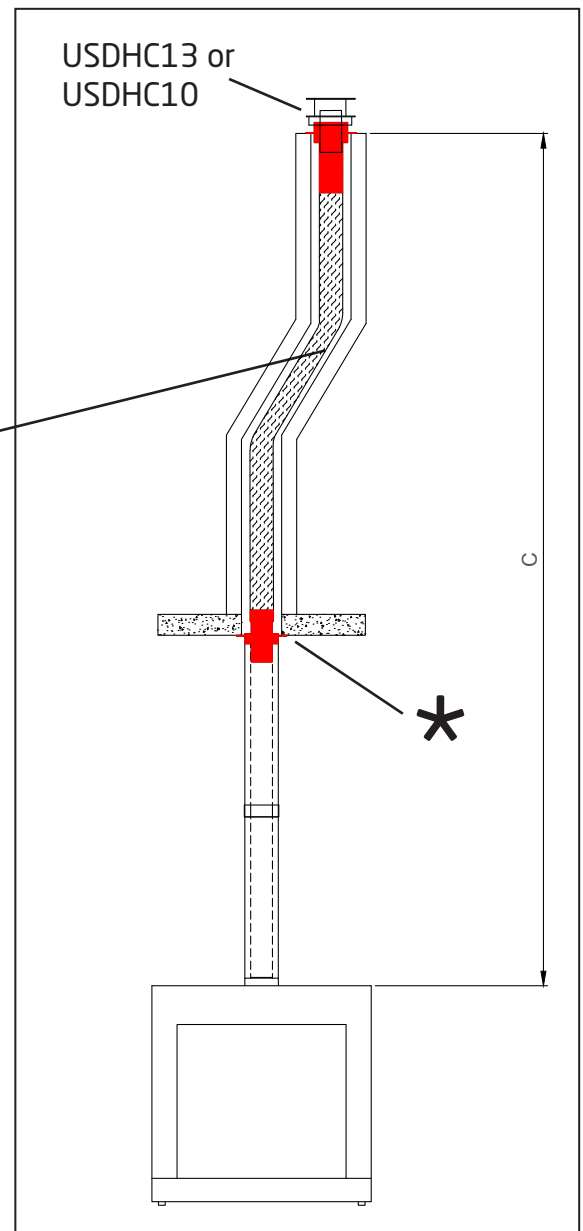
Ø 150 (min) / Ø 100			
Appliance	C (min)	C (max)	Restriction (as from 4m)
700 H / 1000 H	3 m	18m	Ø 60
1150 H	3 m	18m	Ø 53
1300 H	3 m	18m	Ø 60
1600 H	3 m	20m	Ø 75

Ø200(min) / Ø 130			
Appliance	C (min)	C (max)	Restriction (as from 3m)
700 H / 1000 H	2 m	10m	Ø 60
1150 H	2 m	10m	Ø 53
1300 H	2 m	10m	Ø 60
1600 H / 1900 H	2 m	12m	Ø 75

It is mandatory to use the termination set USSAN with positioning.

flex 130mm  
or 100mm

\*  This USSAN piece must be sealed at the roof!

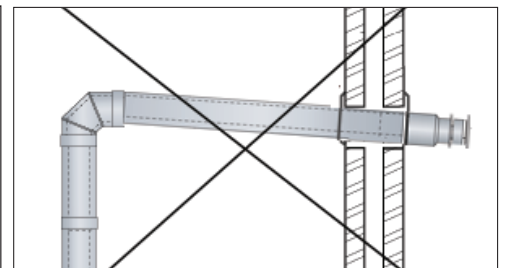
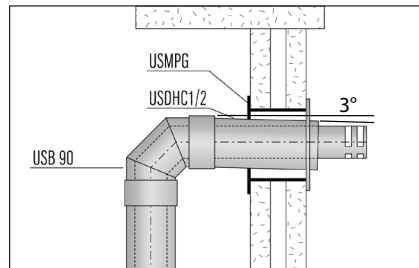
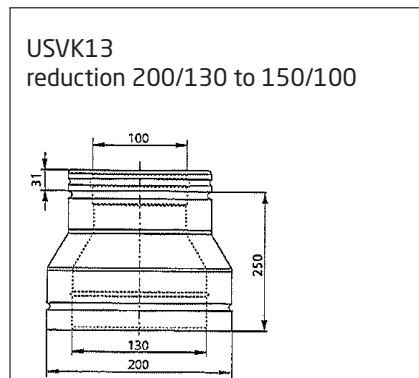
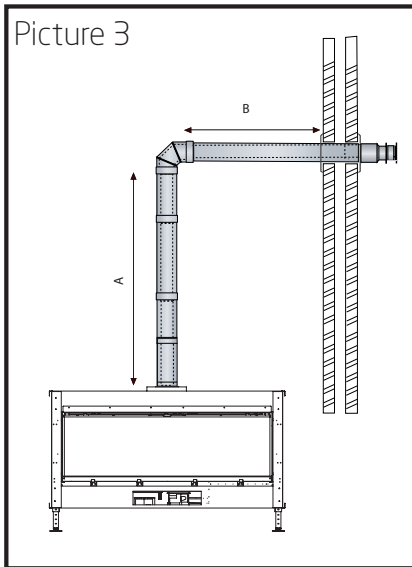
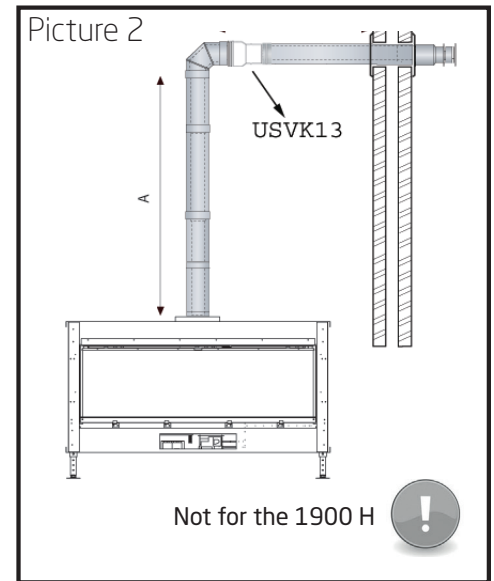
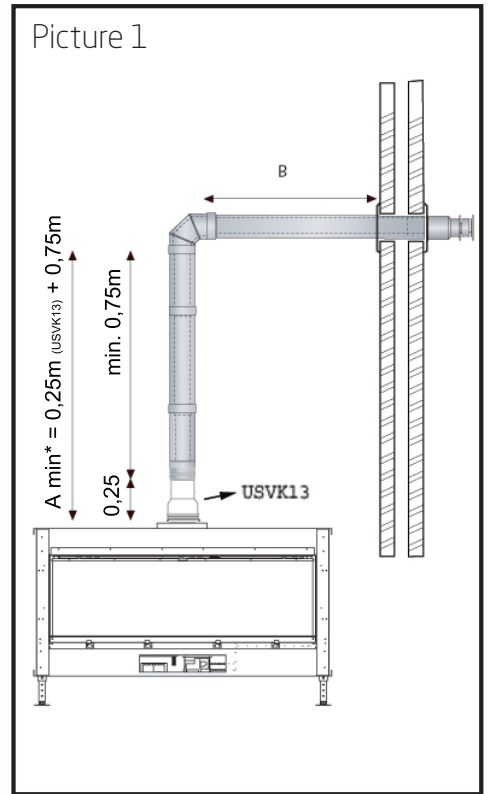


### 4.3. WALL EXIT (C11)

Ø 150/100 With reduction usvk13 on appliance (pic. 1)				
Appliance	A (min)	B (min)	B (max)	Restriction
700H / 1000 H	1 *m	Wall Exit	A+1m	Ø 75
1150 H	1 *m	Wall Exit	A+0,5m	Ø 60
1300 H	1 *m	Wall Exit	= A	Ø 75

Ø 200/130 in combination with Ø 150/100 With reduction USVK13 after 90° curve on horizontal part (pic.2)				
Appliance	A (min) Ø 200/130	B (min) Ø 150/100	B (max) Ø 150/100	Restriction
700H / 1000 H	1m	Wall Exit	A+ "USVK13" +6m	Horiz.<2m : Ø 75
1150 H	1m	Wall Exit	A+ "USVK13" +5m	Horiz.<2m : Ø 60
1300 H	1m	Wall Exit	A+ "USVK13" +3,5m	Horiz.<2m : Ø 75
1600 H	1m	Wall Exit	A+ "USVK13" +1m	----

Ø 200/130 (pic.3)				
Appliance	A (min)	B (min)	B (max)	Position air inlet
700H / 1000H	1m	Wall Exit	A+8m	Ø 75
1150 H	1m	Wall Exit	A+7m	Ø 60
1300 H	1m	Wall Exit	A+6m	Ø 75
1600 H	1m	Wall Exit	A+4m	Ø 90
1900 H	1m	Wall Exit	A+2m	Ø 90

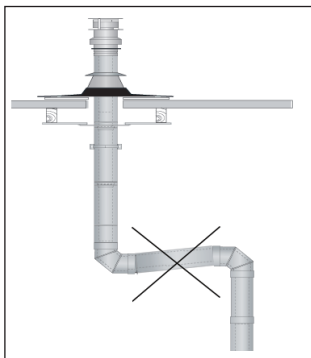


**IMPORTANT:** Be carefull every horizontal part does not have a negative inclination in direction of the outlet. It is even better, when possible to have a little inclination of 2 or 3 degrees ascending to avoid rain and condenstation in the tube.

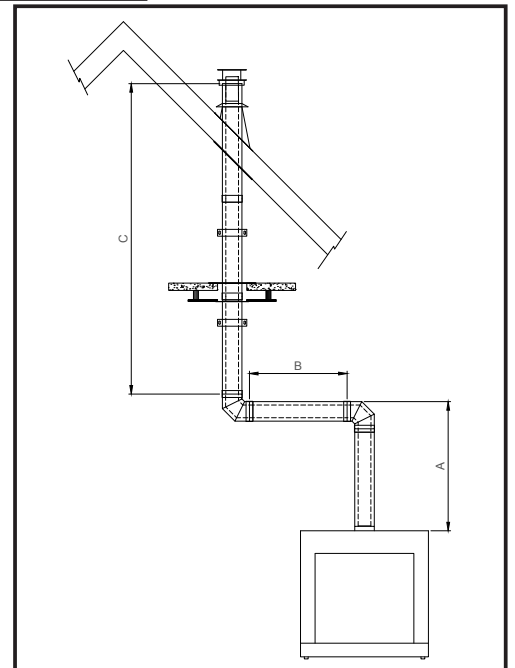
## 4.4. ROOF EXIT WITH BEND

<b>Ø 150/100</b> With reduction USVKk13 on appliance				
Appliance	A (min)	B (max)	C (min)	(A+B+C)max
700 H /1000 H	1,25* m	A+C+0,5m	B-A-0,5m	18m
1150 H	1,25* m	A+C+0,5	B-A-0,5	17m
1300 H	1,25* m	A+C	B-A	16m
1600 H	1,25* m	A+C-0,5m	B-A+1m	16m

<b>Ø 200/130</b> without reduction				
Appliance	A (min)	B (max)	C (min)	(A+B+C)max
700 H /1000 H	1 m	(A+C) + 8m	B-A-9m	20m
1150 H	1 m	(A+C) + 7m	B-A-8m	19m
1300 H	1 m	(A+C) + 6m	B-A-7m	18m
1600 H	1 m	(A+C) + 3m	B-A-4m	18m
1900 H	1m	(A+C)+ 1m	B-A-2m	16m



Caution: if the vertical part is 3 m longer than the horizontal part, you have to use the restriction ring Ø 75

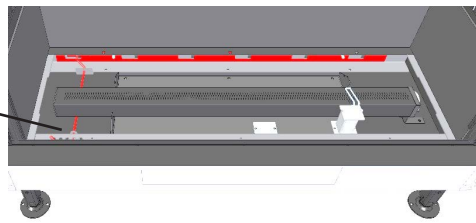
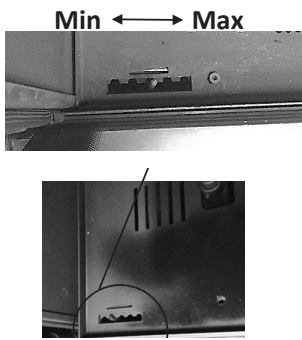


Appliance	<b>Ø 150/100 and Ø 200/130</b>
700 H /1000 H / 1150 H 1300 H / 1600 H / 1900 H	for each 90° bend subtract 1m horizontally or add 1m vertically
700 H / 1000 H / 1150H 1300 H / 1600 H / 1900 H	for each 45°/30°/15° bend subtract 0,5m horizontally or add 0,5 m vertically

## 5. Flame adjustment settings

Before initial setup, you need to clean the window (from outside and inside) and fireplace of any dust and grease. If you do not clean the glass properly, after lighting up the fireplace it can remain still on the glass. After installing the fireplace correctly on the concentric tube or chimney system, you must make a flame adjustment according to the draft (see chapter 4 page 9. Installing the chimney + use restriction rings).

The air intake for flame can be adjusted in fireplaces. Setting element is situated on the left side of the bottom plate in the combustion chamber. Adjustment of air intake may only be set out by a specialist.



Attention, burner have to burn continuously evenly in the whole length included secondary burners.



It is needed to wait 30-60 minute until the setting is fully shown up in the fired fireplace. . Natural gas is first burning by blue colour and it will turn yellow in time, LPG burning become quicker yellow.

If the flame is blue, it can mean that there is too much air in the combustion chamber but also that there is too little air. If there is too much air, the flame move very quickly.

By adjustment must be taken to account that the more yellow the flame is the quicker glass can get dirty.

## 6. Insulation and finishing

Please , follow this instruction. The appliance can overheat if you do not follow these instructions. Errorcode F02 will appear !

Once installation is complete, the appliance can be fitted. Before doing so, check the tightness of the gas pipe one more time. Light the appliance and check that it is working: check the tightness of the gas pipe and the smoke pipe. Once you have checked everything, you can perform the final insulating and finishing operations.

The built-in part of the appliance tends to be very warm. Please check that the appliance is not too narrowly fitted and that there is adequate space for the elimination of hot air. For insulation of the appliance, we advise you to use M Design insulating plates. You are advised against using any other insulation product. Inflammable materials as well may not be used for the finishing.



Masonry must be raised around the fireplace. Due to the expansion of the fireplace during combustion, a gap of at least 5 mm must be provided at the front of the fireplace and 4 cm on each side of the appliance. The masonry must not rest on the fireplace. **THE FIREPLACE MUST BE FREE.** Always leave 2 mm clearance between the inner frame and the masonry.

## 7. Convection current

**Please, follow this instructions. The appliance can overheat if you not apply those instructions. Errorcode F02 will appear!**

It is MANDATORY to equip the fireplace with a convection kit consisting of inlets and outlets which are connected to stretchable hoses from 3m to 5m.

In this way is created a circulation and evacuation of the heat by convection.

This is very important to avoid overheating in the firebox casing and also to distribute the air hot air in the room or in another adjacent room (office, kitchen, ...)

This system directs the heat inside the room using hoses (150mm dia.). It is necessary to open minimum 2 hot air outlets. For the installation of these ducts, limit their lengths, avoid as much as possible elbows and changes of direction, because the losses of speed generated, decrease the efficiency of the air outlets at the end of travel. We advise you to install the hot air grilles at the same height to have the same heat provided. M-Design has developed hot air and ambient air outlet grilles available from your dealer (see page 16).

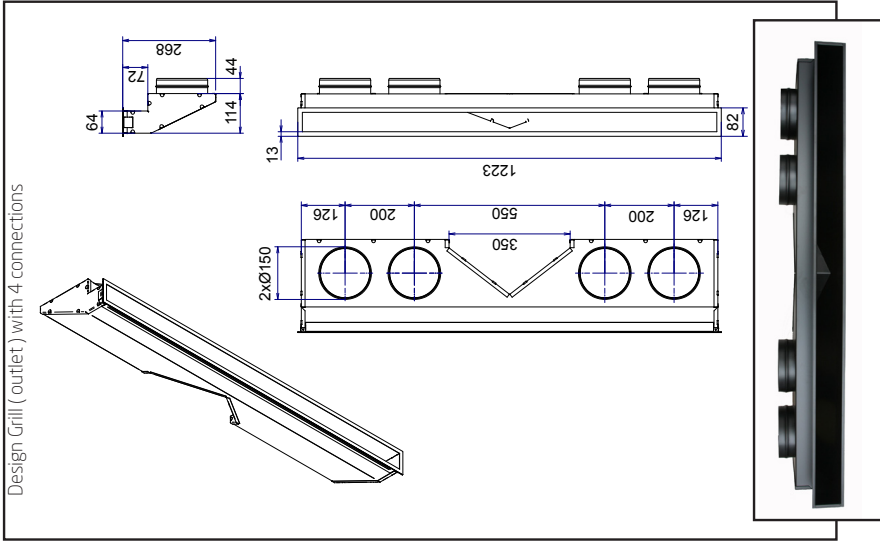
Outlet grids have two or four hose connections (2/4 hoses on 1 grid!).

The air inlet grilles (not to be connected with a hose) must be placed as low as possible at the bottom of the fireplace.

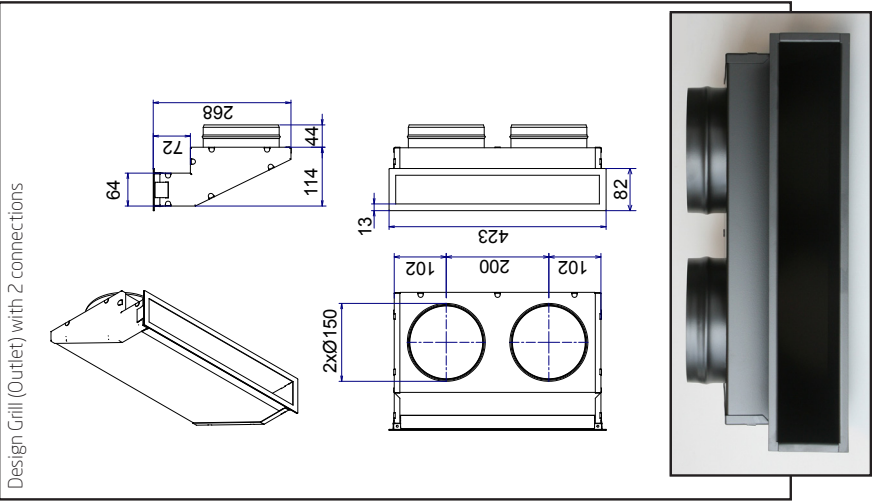
**ATTENTION : A house is never completely 100 % dustfree, heating appliances and warmth circulation create dust particles. During the periods where you are not using the fireplace, dust is accumulated in the flexible pipe and and the grills**

**This could cause a problem with a smell, so we would certainly advise you to clear the flexible and air inlets and outlets using a vacuum cleaner regularly. The smell caused by these dust particles will disappear after you have used the fireplace again a few times.**

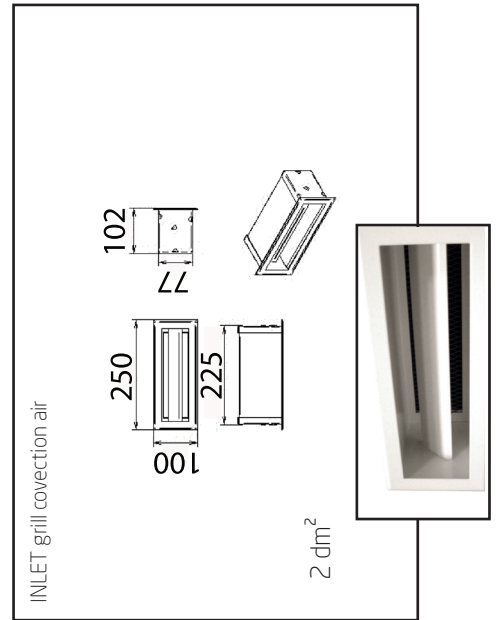
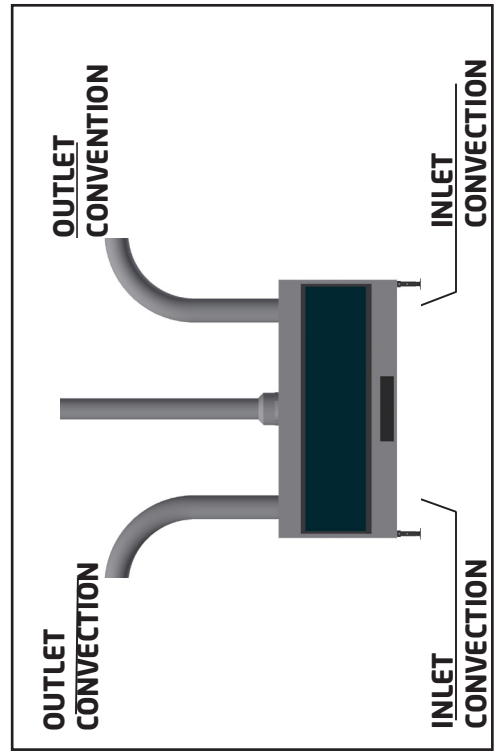
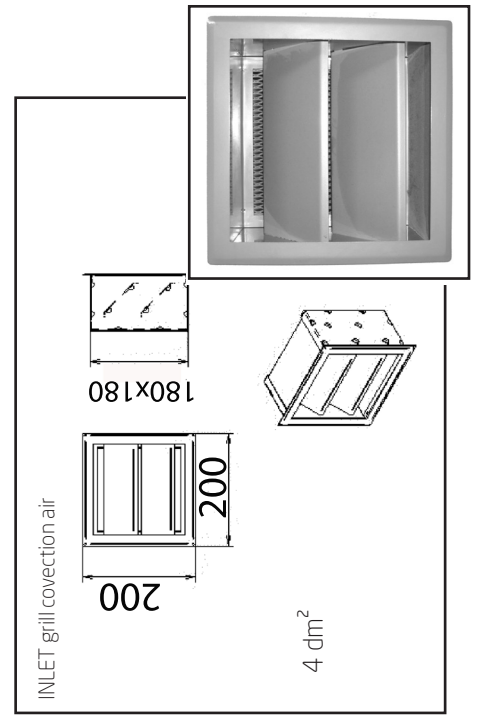
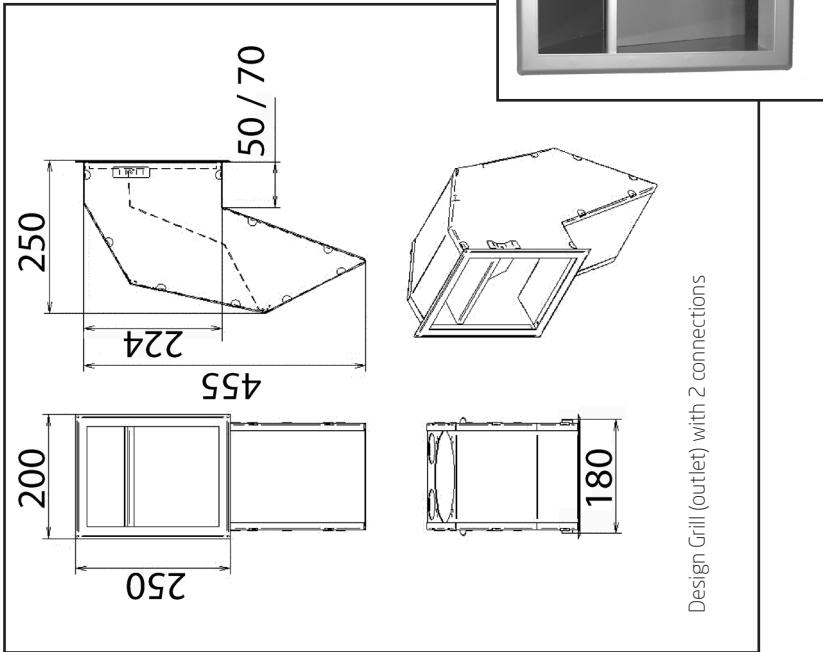
**(This phenomenon is very common and can be compared to the gray traces appearing above your radiators.) Optionally you can order design metal lids to cover the inlets and outlets during the summertime .**



OR



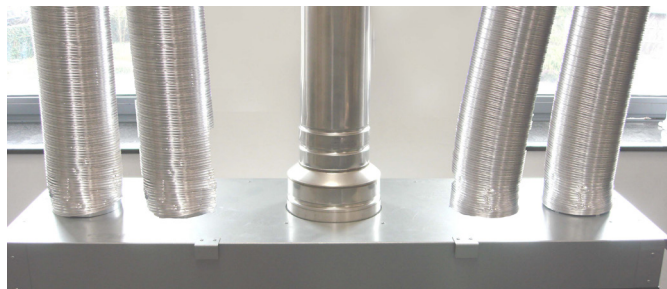
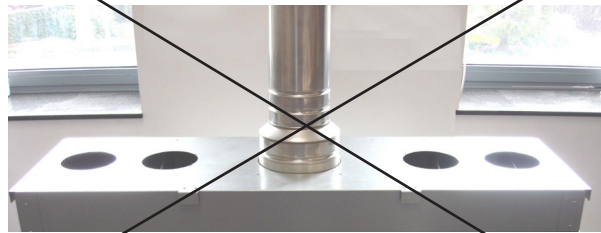
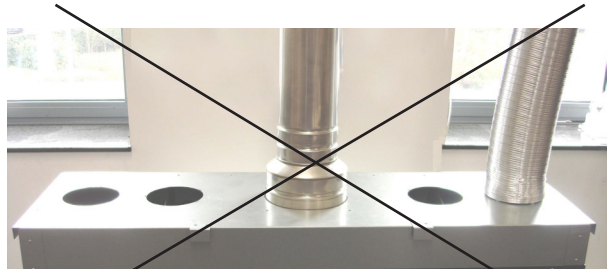
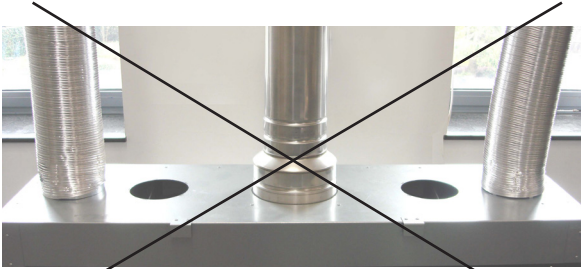
OR



Picture 3

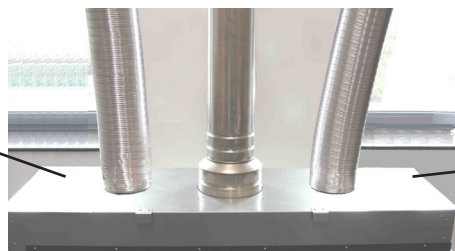


You have to connect at least two apertures situated at the top of the appliance.  
For the Luna 1600, you must connect 4 apertures. The appliance may not be placed directly on the floor, without the feet. This is to allow natural convection. The apertures for the air supply are situated underneath the appliance. Every opening you make must be connected with a flexible tube dia 150MM (see pic below). This will avoid the heating of the electronic part of the appliance. In this case you will have errorcode F02.



Good

closed



Closed

GOOD 1300H, 1150H, 1000H

## 8. Positioning the logs, diamond, sapphire and white pebbles

Please check that the pilot light is switched off and that the appliance has cooled down.

- Move the window to the front by pulling it. The window tips open at 45°.
- Arrange the materials supplied. In accordance with your order you will have either a set of logs, diamond, sapphire or white pebbles. There is an adequate supply of materials. Our appliance is approved with these materials, so please do not use other products. Other decorative products are prohibited in our appliances. Please do not change the delivered quantities

### ATTENTION WHEN USING THE BIG WHITE PEBBLES

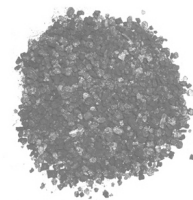
One bag of liite pebbles is delivered with the set. First place de little pebbles on the burner. Place the big pebbles around the little pebbles and be carefull to not place big pebbles directly on the burner.



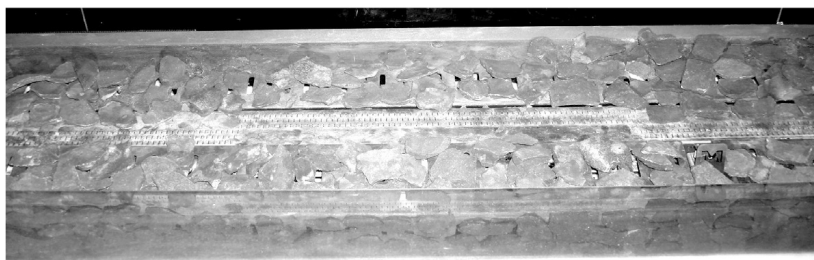
Attention:

**Do not put anything on the ignition pin.**

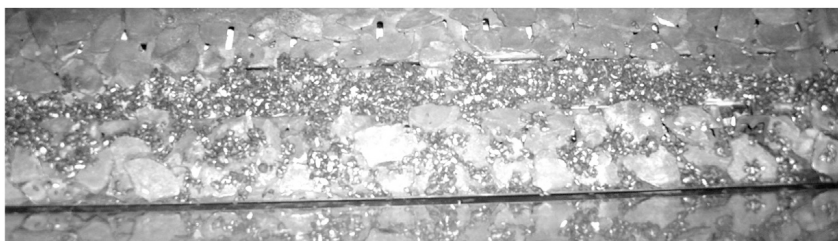
To arrange the logs respect the order as follows.



Put the big imitation coal pieces around the burner.

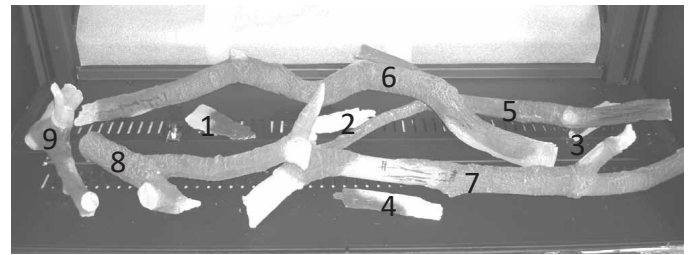
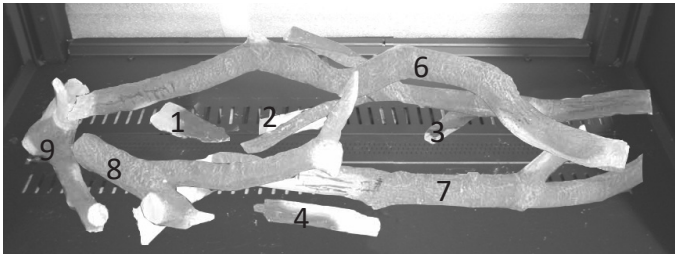


Put the little imitation coal pieces on the burner and here and there between the **big**

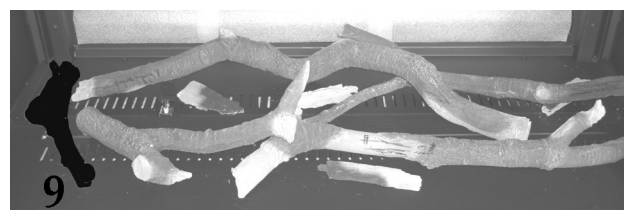
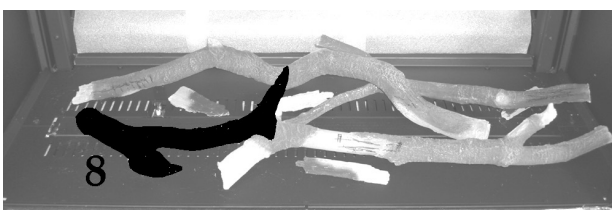
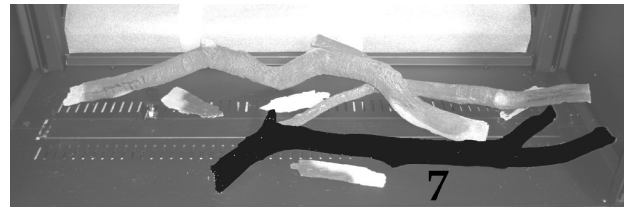
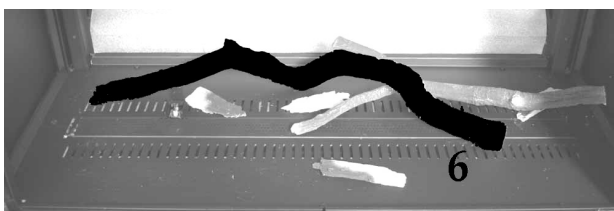
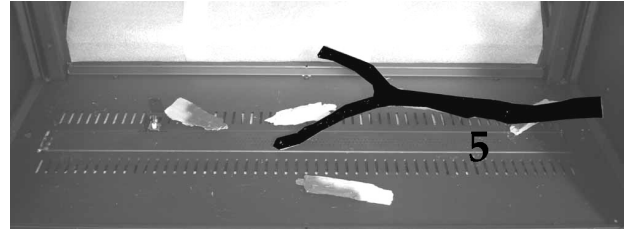
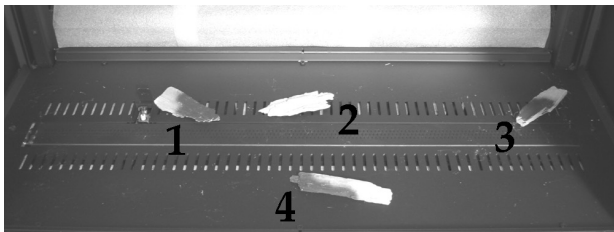
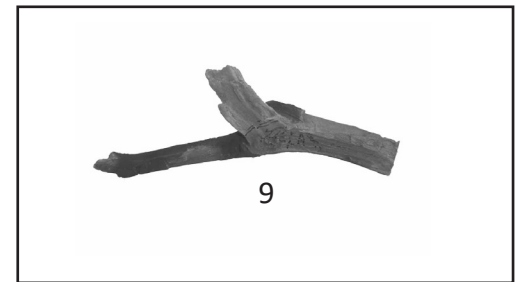
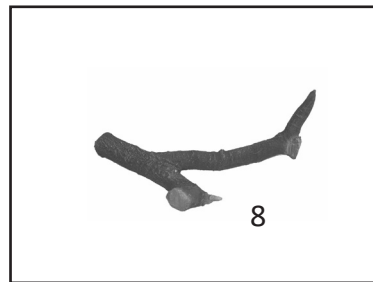
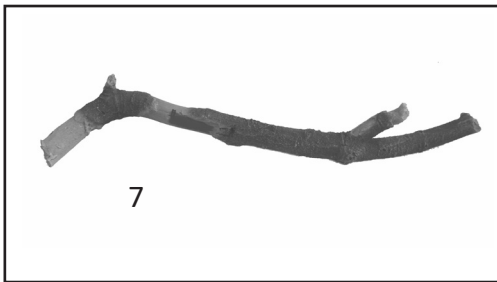
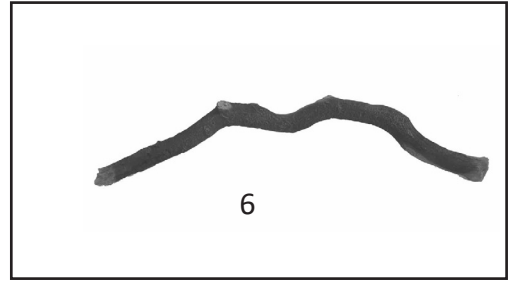
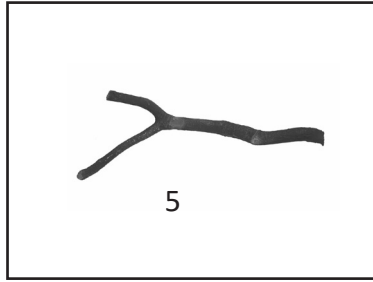
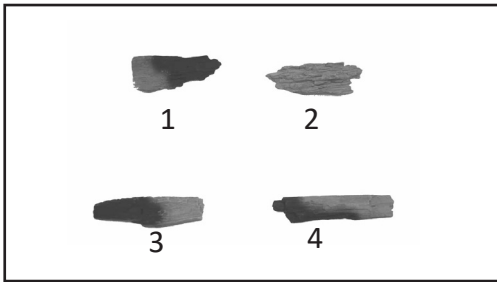


Luna 700H Gas

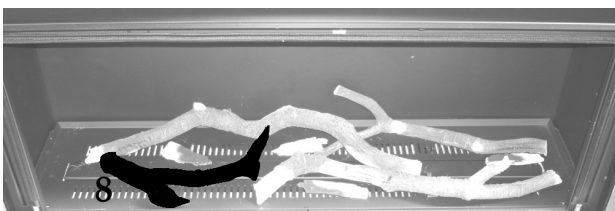
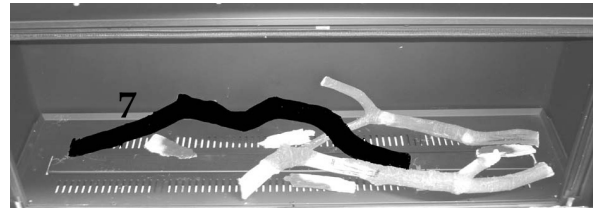
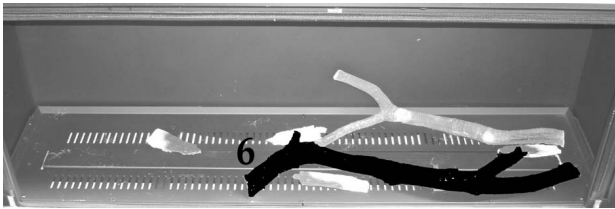
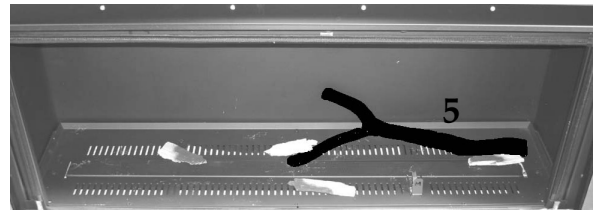
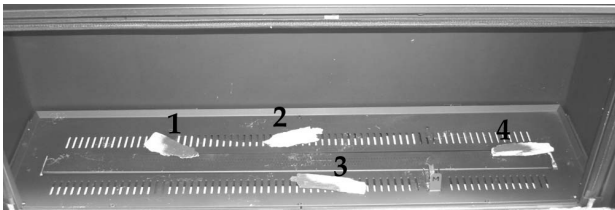
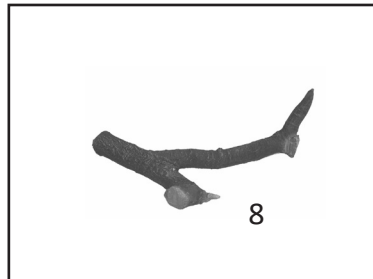
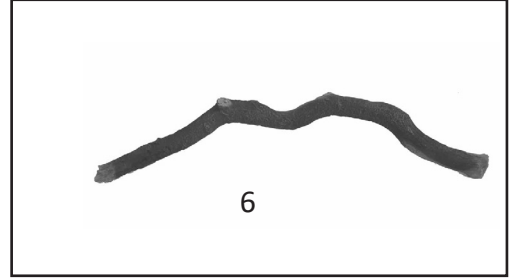
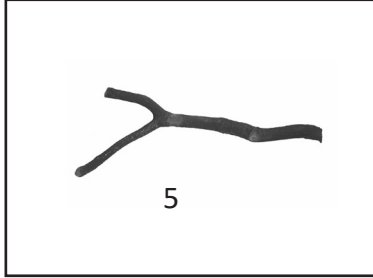
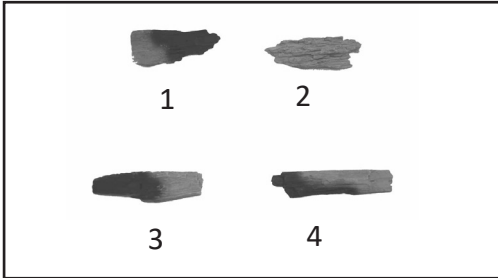
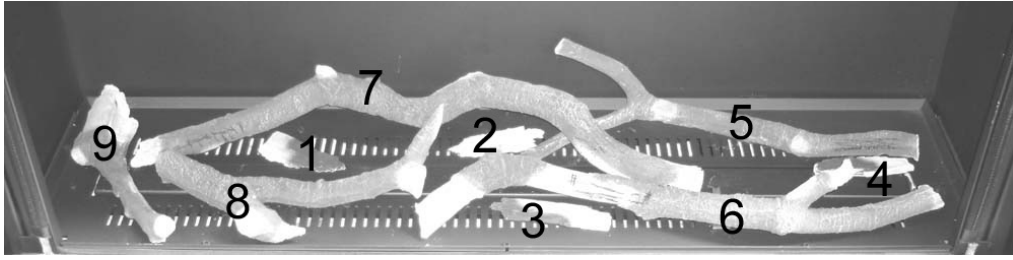
Luna 1000H Gas

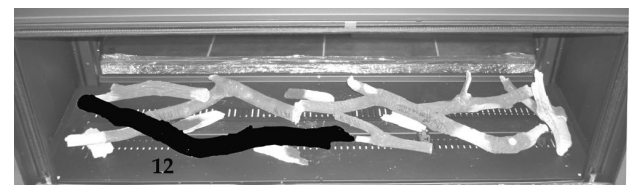
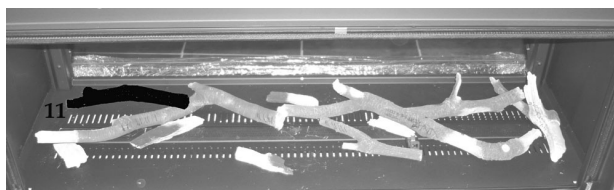
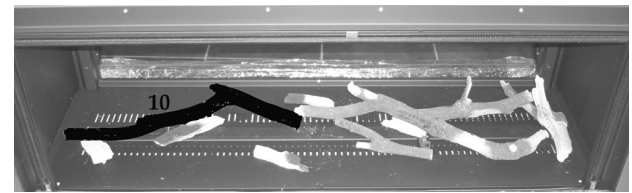
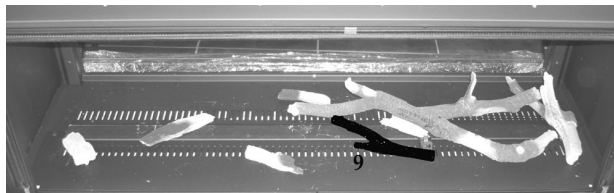
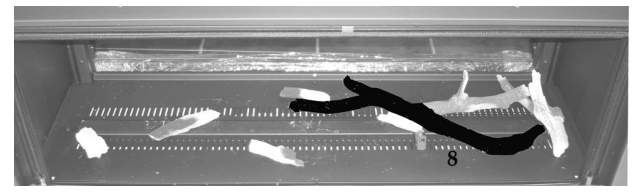
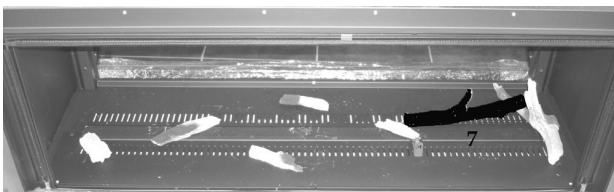
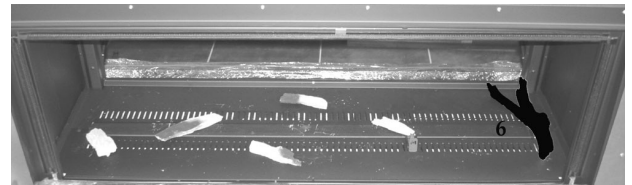
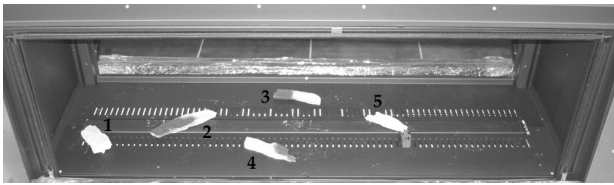
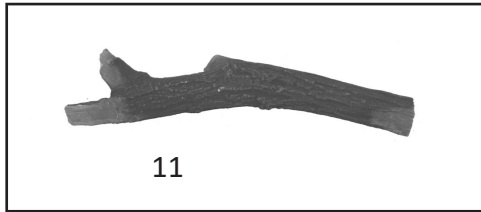
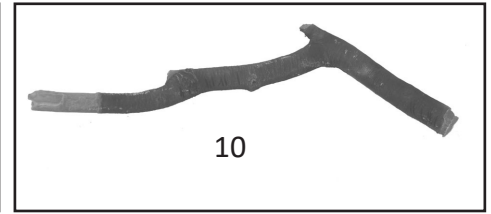
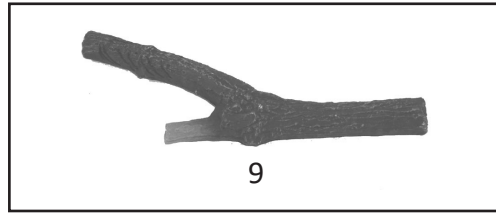
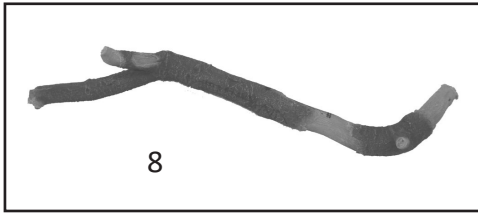
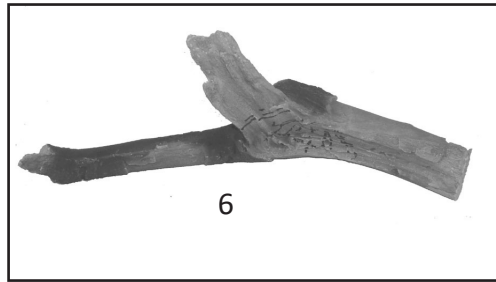
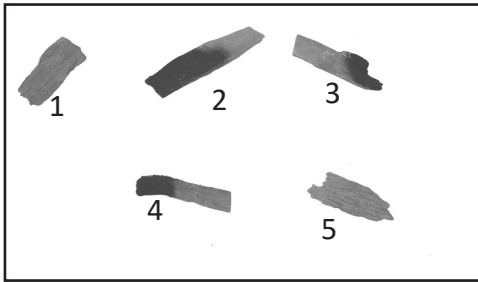
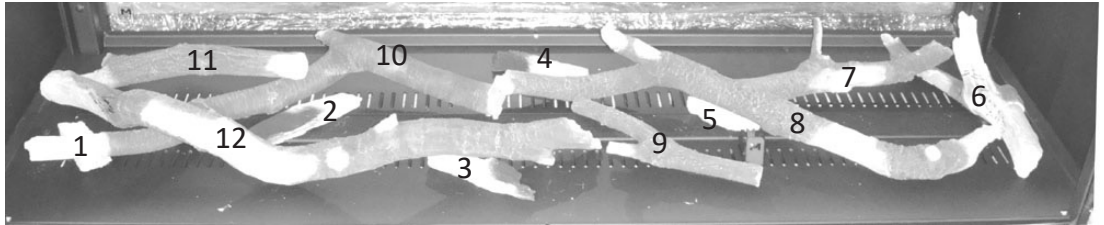


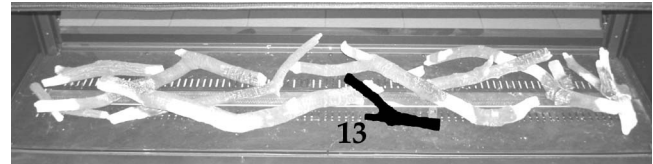
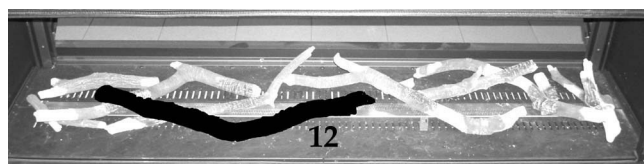
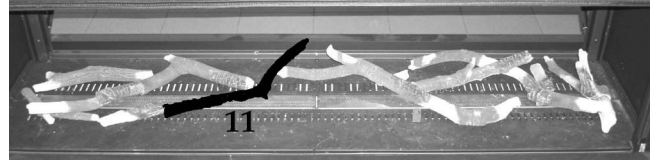
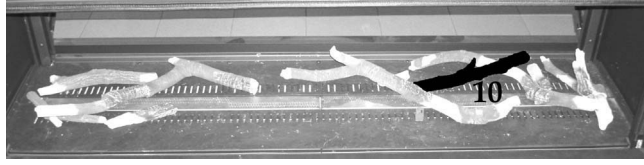
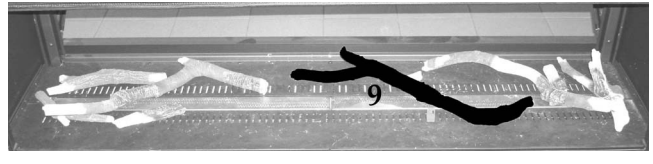
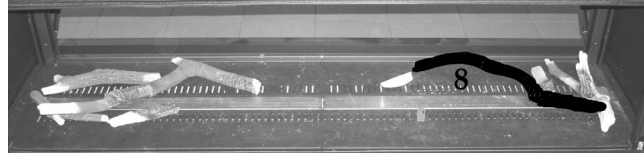
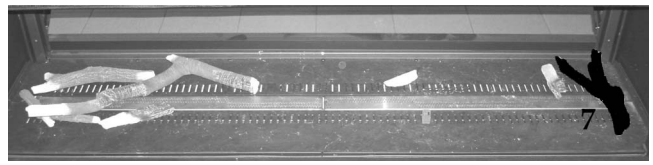
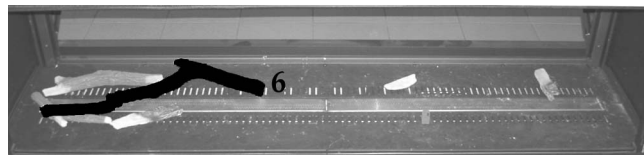
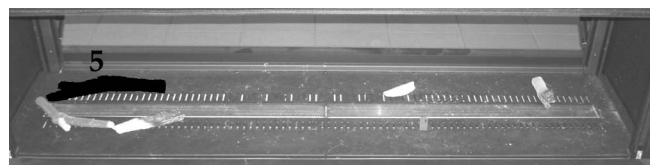
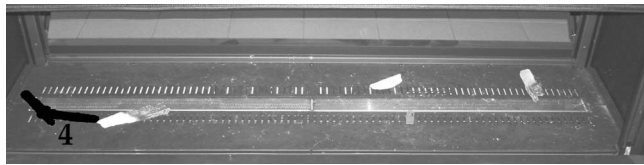
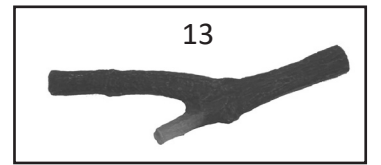
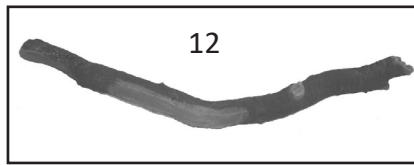
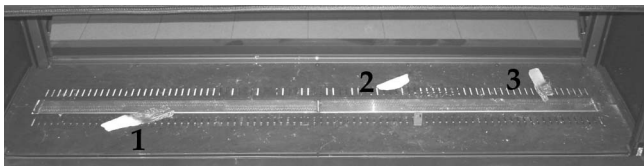
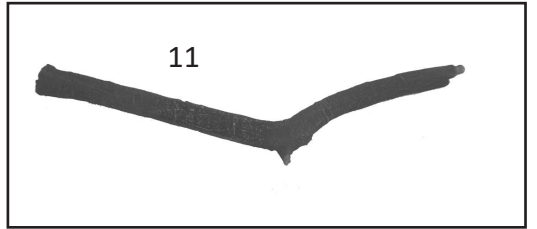
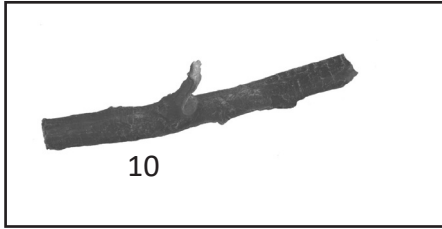
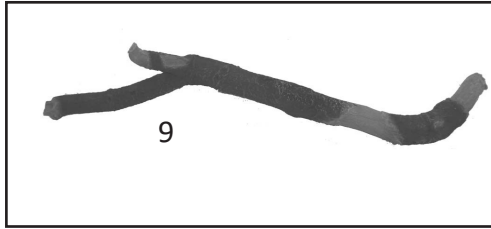
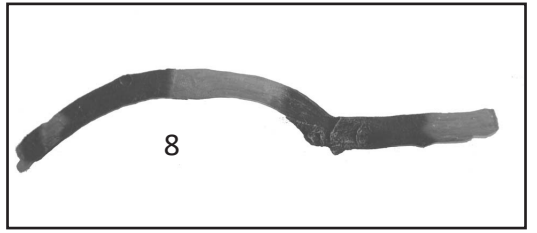
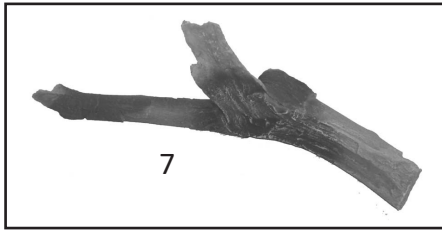
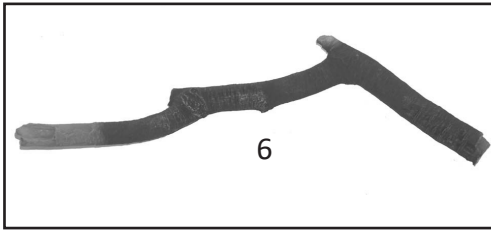
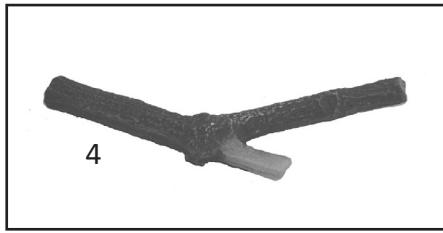
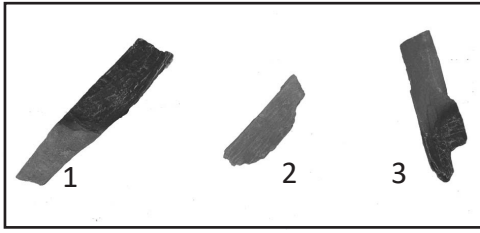
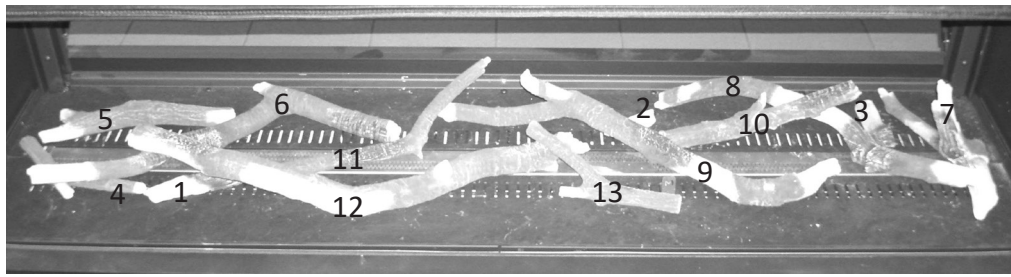
Remark : set for 700H and 1000H are the same.

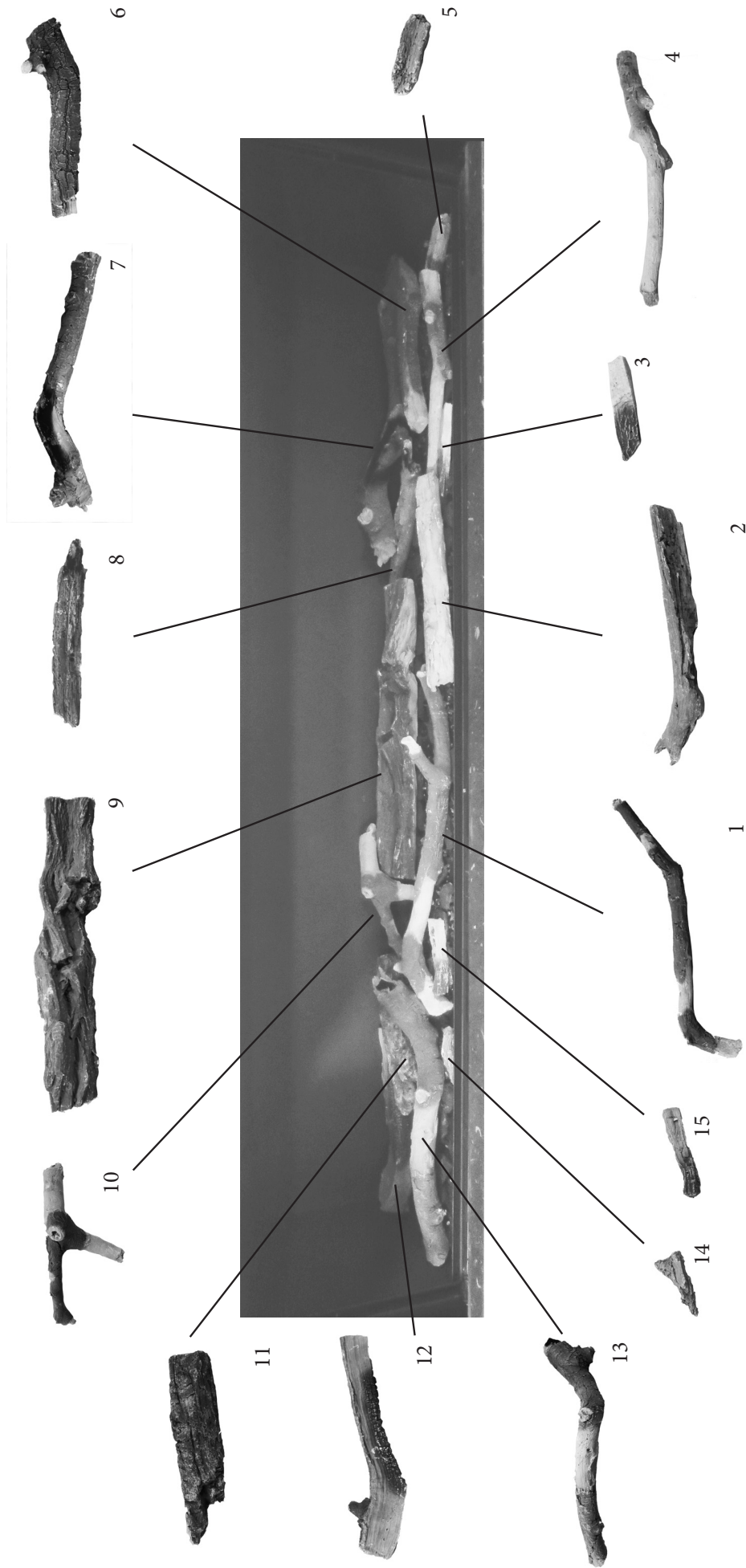


Luna 1150H Gas









## 9. First-time user

The masonry and plaster surrounding a recently installed appliance holds a great deal of moisture, which must first evaporate before commissioning the appliance. If not, the plaster may crack or split. Ask your installer about the timescale to follow. The first time you use it, only make a moderate-sized fire.

The first few times the appliance is used, an unpleasant odour may be apparent.

It comes from the protective paintwork. These emissions are totally harmless. To quickly get rid of these odours, all you need to do is ventilate the room for a while.

After the first few fires, a light deposit may appear on the window. It comes from the paintwork. Once the appliance is cold you can get rid of this deposit by using M Design's Bio-Clean cleaning product. This product may be used later on for cleaning the window.

The appliance must not be used if the door no longer has a window or with the door open. If the window is broken or cracked, the appliance must not be used until the window has been replaced. Contact your M Design reseller.

## 10. Safety, device and maintenance

Have your appliance inspected every 2 years by a qualified technician.

Please observe the following points:

- Closed appliances produce intense heat, which means that all the surfaces of the external walls (metal, door frames and windows) become very hot once a certain temperature is reached. Make sure that young children do not touch the window; this could result in severe burns.

- The logs, ceramic pebbles, a Diamond set and a Sapphire set are delivered with the appliance. **Never put other objects in the flames!**

- Check that there is nothing on the ignition pin and that the imitation coal does not lie on the small openings of the burner. When starting up, make sure you see the ignition sparks.

- **If after 2 attempts the device does not start up, wait 15 minutes before restarting, or open the window to attempt to start up. If this does not work, please contact the dealer and not try to get the device started.**

- Keep inflammable materials a suitable distance from the appliance (min. 1m)!

- Never modify the settings yourself! The furnace warranty will then be considered as invalid, null and void.

- Never let children use the remote control without supervision.

- If the burner goes out for any reason, wait at least three minutes before lighting the appliance again. Open the window to vent the fireplace.



## 11. Guarantee

This page is your warranty card.

The guarantee is only valid for faults caused by construction defects or defects in the parts used to build the appliance.

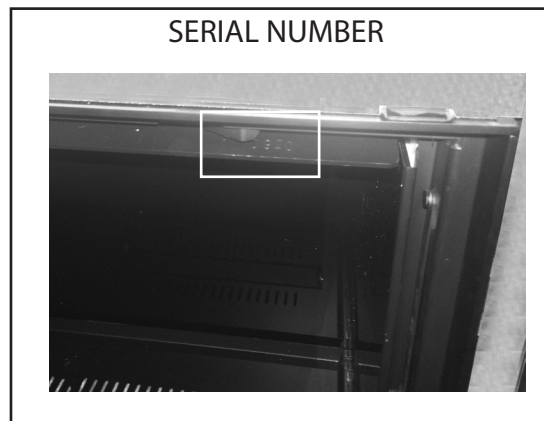
M-Design offers a 12 month guarantee on all electronic parts and a 8 year guarantee on the appliance construction.

Caution: The following items are always excluded from the guarantee:

- The glass, door, joints and internal decor.
- The defects which occur are fully or partially a consequence of
  - Non respect of the order, installation and maintenance instructions
  - Assembly, installation or repair by a third-party, including the buyer
  - Heat cracks which normally occur in the mantel
  - In cases where changes have been made to the appliance without our consent
  - In cases where the buyer cannot show his/her warranty card with the purchase invoice.

Likewise where the guarantee and/or the invoice show(s) signs of tampering or forgery (crossed out date, illegible, modifications).

In the case you would like to make use of the manufacturer's warranty, you should contact your reseller in the first instance. Please take good care of your purchase invoice and warranty card and store them in a safe place.



Identification board

**SERIAL NUMBER :**

.....



## 12. Remote control (direct ignition)

### 1. First use (Connect the remote control)



1



2

Keep pressing the button 

until 24:00 appears in the top left corner (1).

Press several times on 



until you see "bnd" on the screen (2)

Press shortly on  and 

You see the temperature on the screen. Your remote control is now connected.

### 2. Ignite the fire



Press simultaneously on  and 

You hear the ionisation pen ticking.

The ticking lasts for about 15 sec.

At initial setup, it's possible that the pilot flame doesn't ignite immediately because the pipes are not yet fully deflated.

You can try this up to 5 times before the unit will be placed in safety. If this fails, please contact your installer.

### 3. Manual control (Single line burner)



From the moment the burner is on, you can start with the flame height control.

The screen will automatically show manual control (flame height control)

Press on  until you see number 15.

This is the maximum flame height.

Choose a flame height from 1 to 15

by pressing  or 

For all appliances, except for:

850V, 1150V, 550DV en 850DV



1

## 4. Manual control (Triple Line Burner)



1

2



3

4

To light up the side burners 2, press

First you see the wave settings (page 30). or

Press a second time and you will see a "b0" or "b0"

Remark: If after a previous use of the fireplace, you turned it off in "b1" mode, next ignition, the burners 1,2 and 3 will light simultaneously. If, on the other hand, you have switched off the appliance in mode "b0" the appliance will switch on only with the burner 1

If "b0" appears, press to "b1", side burners 2 lights up.

If "b1" appears, press to "b0", side burners 2 will go out.

Choose a flame height from 1 to 15 by pressing or

To switch off the entire stove press



Only for:  
1150DH, 1300H-DH-CL-CR-DC,  
1600H-DH-CL-CR-DC, 1900H

## 5. Manual control (Double line burner)



1

2



3

4

Start the first burner as in the manual control of single line burner

To light up the 2nd burner, press

First you see the wave settings (page 33). or

Press a second time and you will see a "b0" or "b0"

Remark: If after a previous use of the fireplace, you turned it off in "b1" mode, next ignition, burner 2 lights up. If, on the other hand, you have switched off the appliance in mode "b0" the appliance will switch on only with the burner 1

If "b0" appears, press to "b1", side burners 2 lights up.

If "b1" appears, press to "b0", side burners 2 will go out.

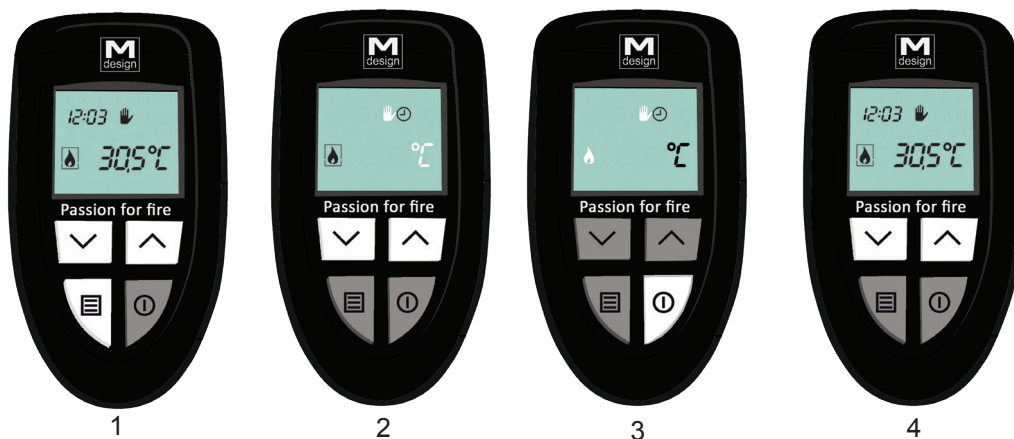
Choose a flame height from 1 to 15 by pressing or

To switch off the entire stove press

Not available for:  
700H, 550V, 1000RD en 1300RD



## 5. Thermostatic control



1

2

3

4

In case you want to go to a thermostatic control, you follow the next steps:

Press 2x the button until you see the screen with the symbols shown in picture 2.

Press or until the symbols and are blinking (pic. 2).

Confirm your choice by pressing (pic.3).

Choose a temperature with the "up" and "down" arrows (pic. 4).

Don't place the remote control near the fire. The temperature sensor is in the remote

control. To get back to manual control do the same until and are blinking.

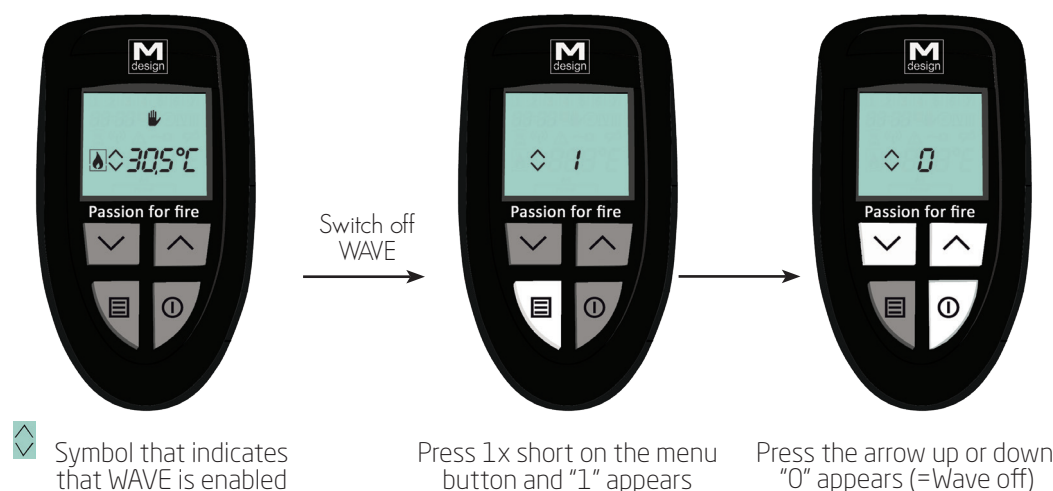
Confirm with

## 6. ECO WAVE

**ECO WAVE** : each model is standard delivered with ECO-WAVE

ECO-WAVE is an automatic cycle of fluctuating flames.

At each start-up of the fire, the system starts in ECO-WAVE mode !



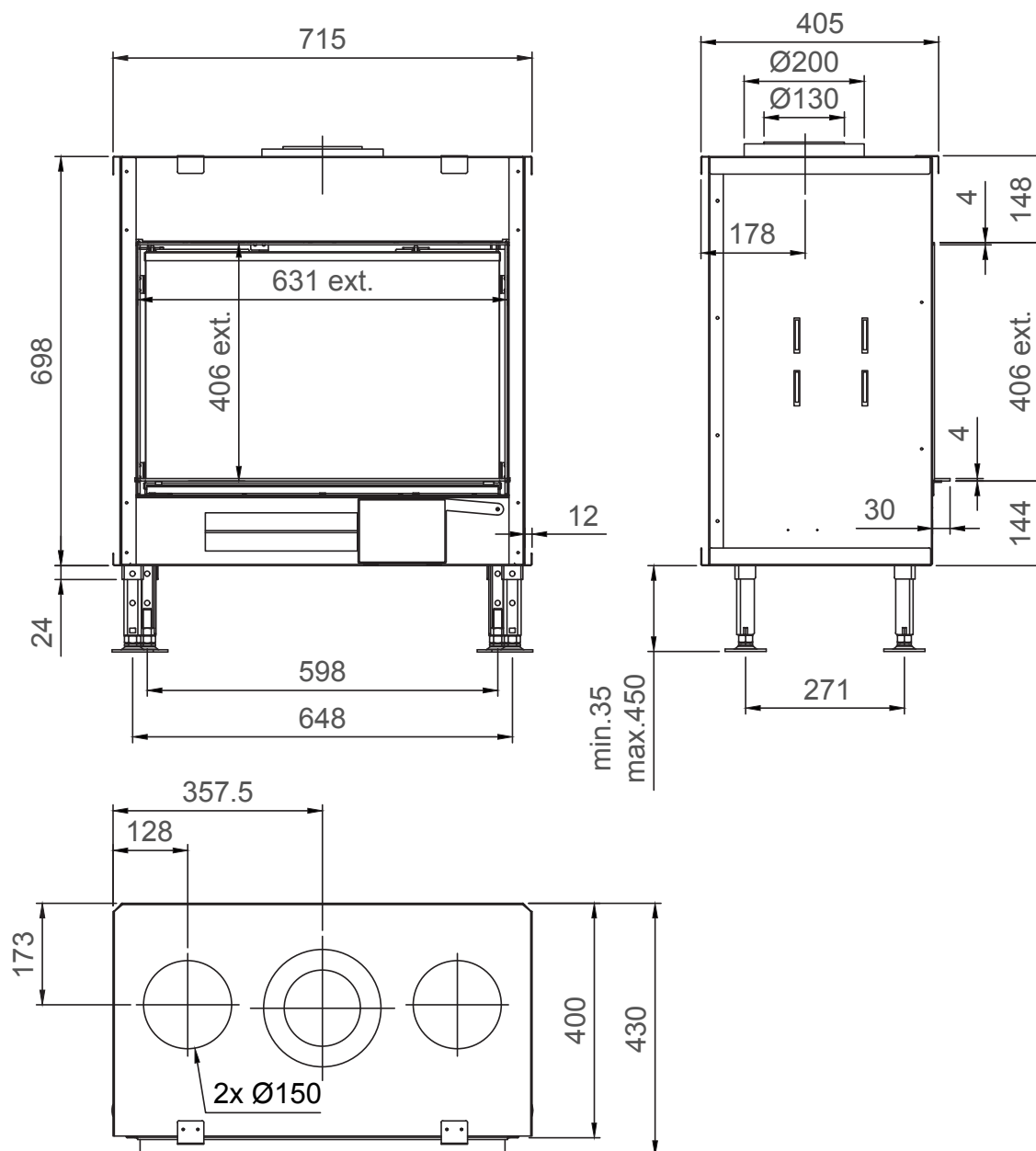
## Shut down fire :

Press 1 x to turn off the fireplace. The fireplace will start-up with 1 or multiple burners depending on the "b" position.

Press 2x on the menu button to see whether the fire is set to "0" or "1" position.

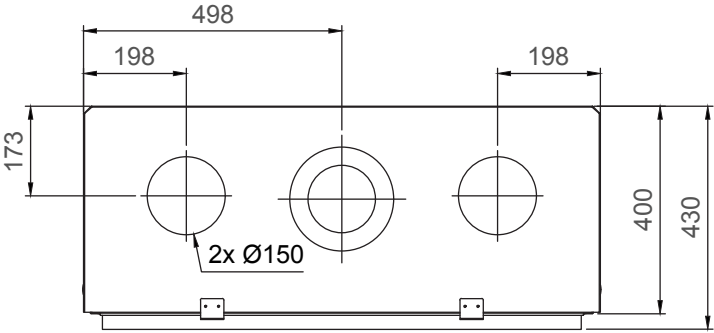
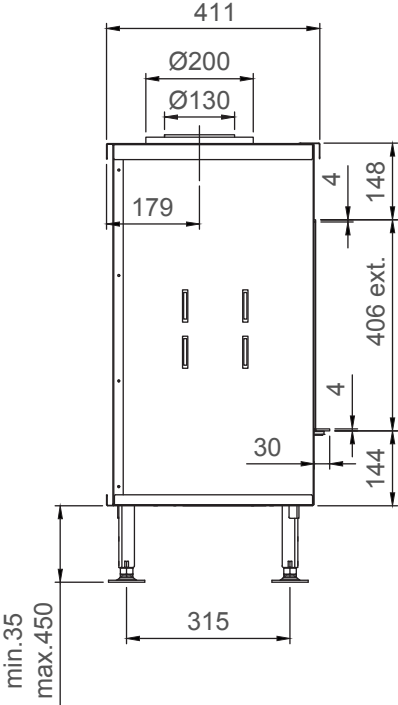
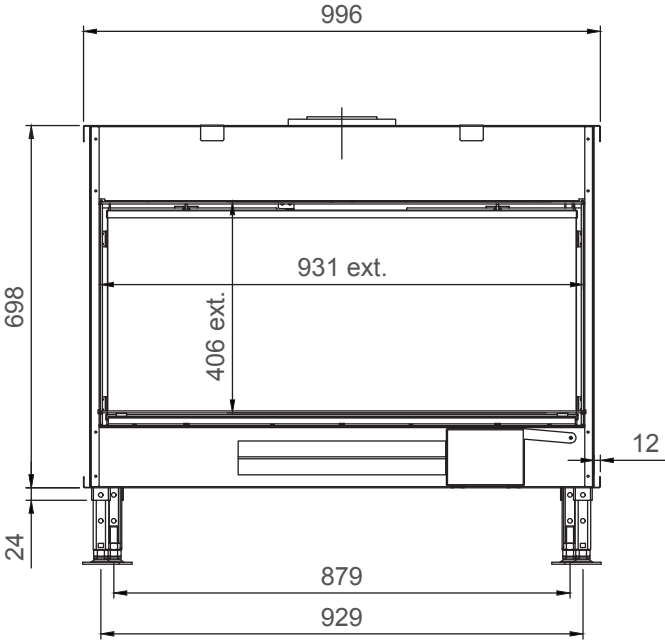
## 13. Drawings

### Luna 700 H Gold gas/gaz

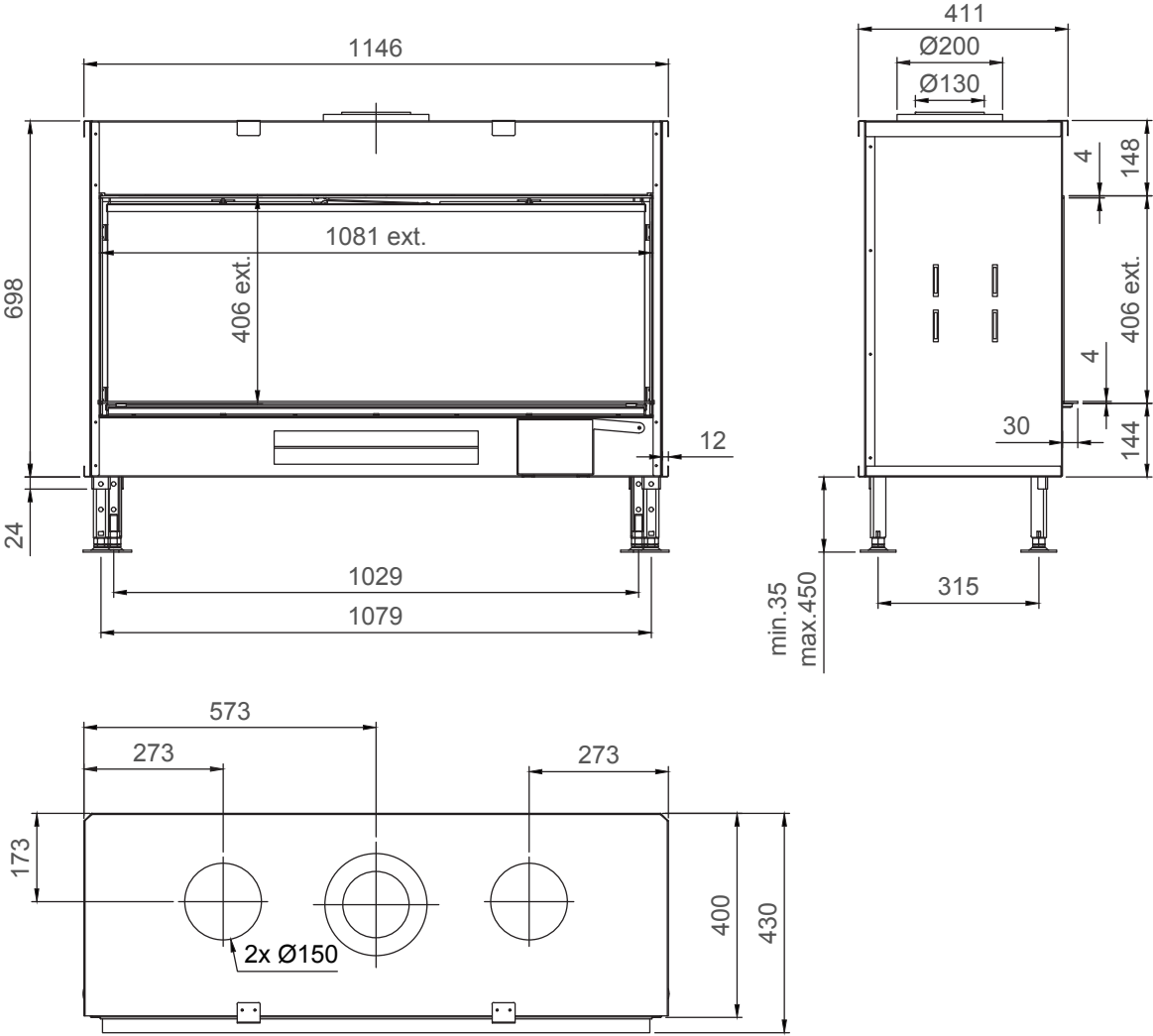


variation frames: see website  
Veränderung Rahmen : sehe website

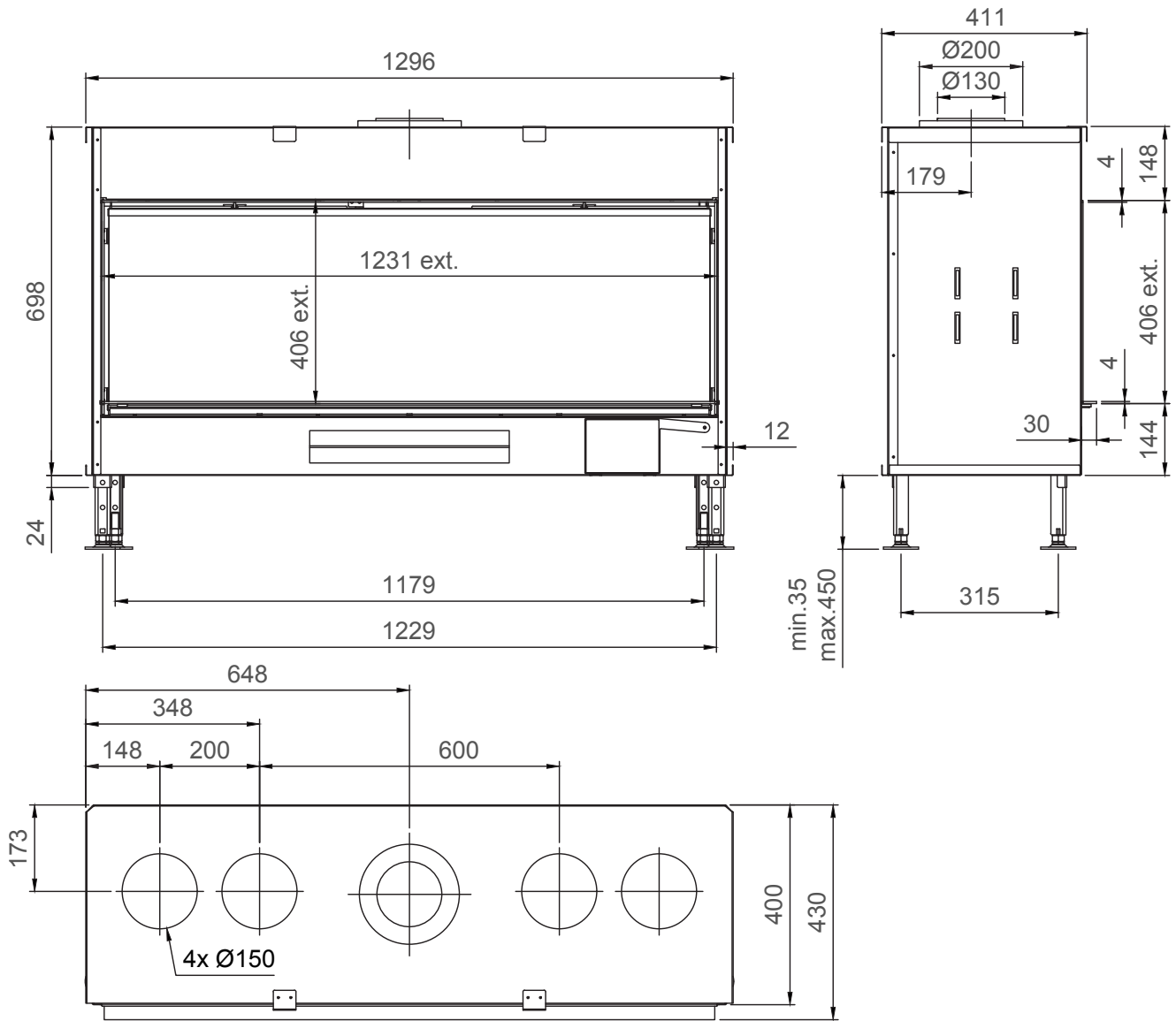
# Luna 1000 H Gold gas/gaz



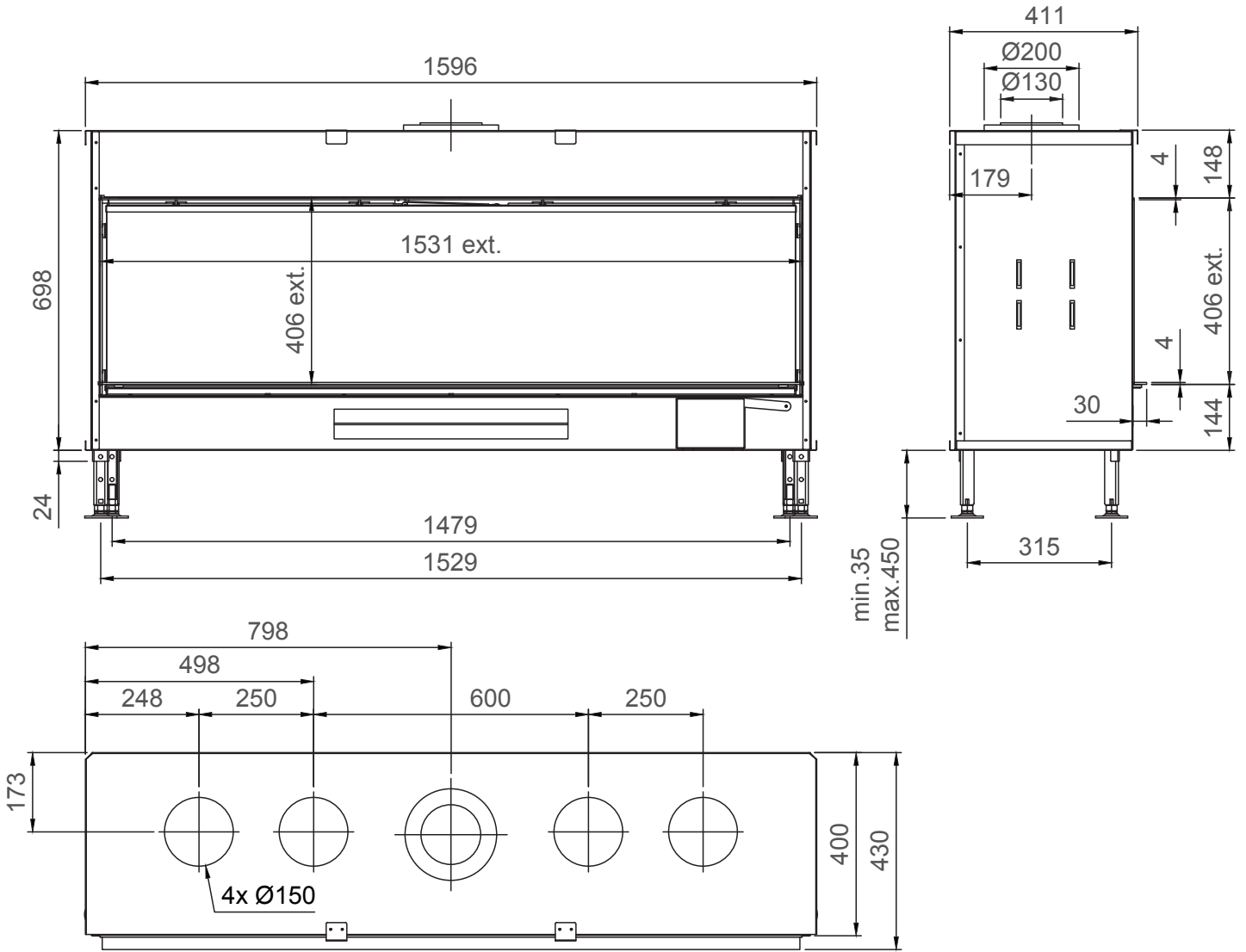
# Luna 1150 H Gold gas/gaz



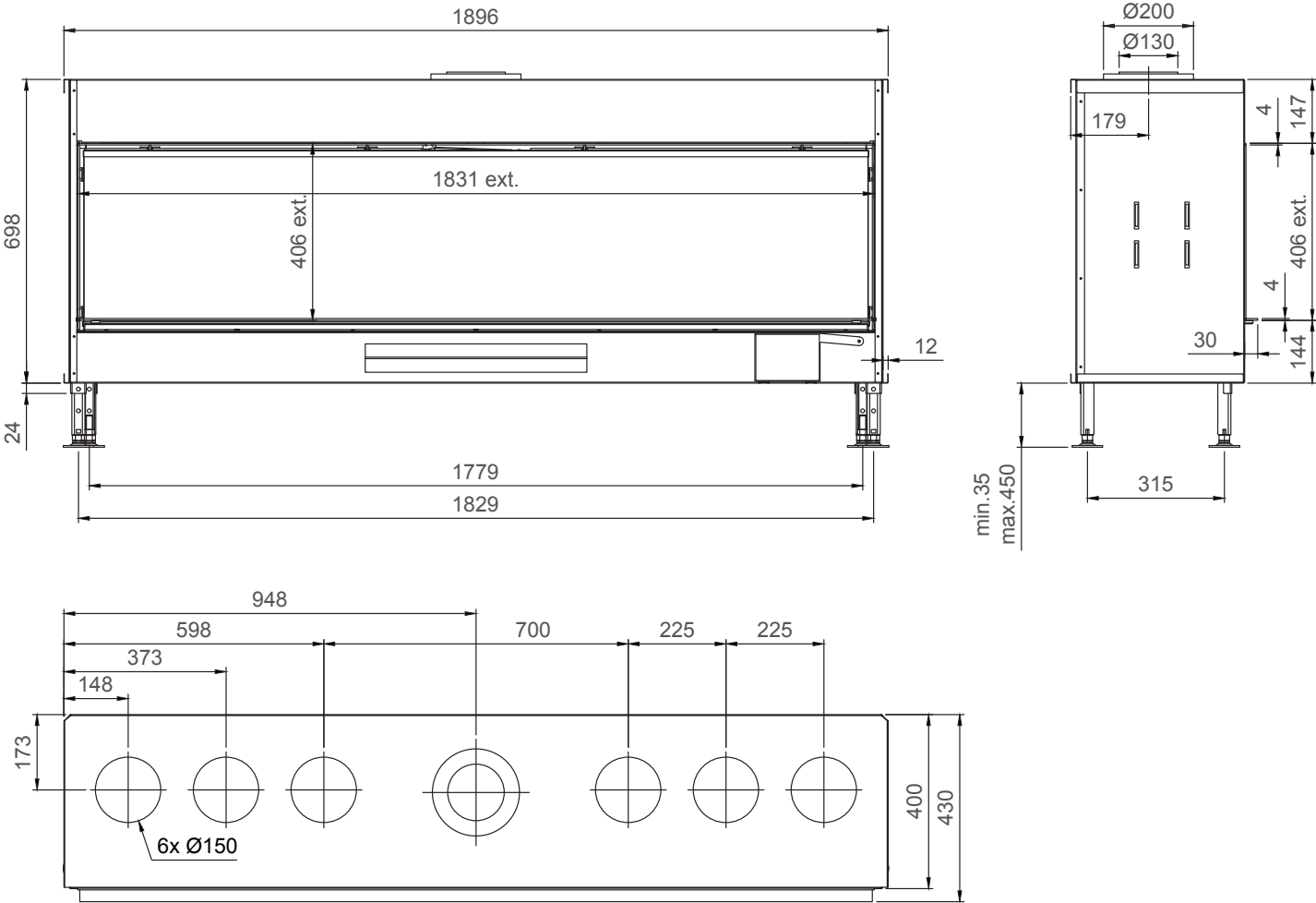
# Luna 1300 H Gold gas/gaz



# Luna 1600 H Gold gas/gaz



# Luna 1900 H Gold gas/gaz



# 15. Identification boards

BN M-DESIGN				10/2016 CE -1299CR0190	
MN LUNA 700H				1299 Serie N°	
C	GC	P	Qn(Hi) kW	Pn (Hi) kW	V m³/h
BE/FR	I2E+	G20/G25-20/25mbar	5	4.4	0,681
DE/LU/PL	I2E	G20 - 20 mbar	5	4.4	0,681
NL	I2L	G25 - 25 mbar	4.8	4.2	0,765
AT/CH/CY/CZ/DK/EE/ES/FI/GB/GR/IE/IT/LT/LV/NO/PT/RO/SE/SI/SK	I2H	G20 - 20 mbar	5	4.4	0,681
BE/CH/CY/CZ/ES/FR/GB/GR/IE/IT/LT/PT/SI	I3+	G30/G31-(28-30)/37mbar	4.7	3.4	0,234
CY/DK/EE/HU/IT/LT/NL/NO/SE/SI/SK/RO/TR/BG/IS/LU/MT	I3B/P	G30 - 30 mbar	5,3	4,1	0,202
AT/CH/DE/LU	I3B/P	G30 - 50 mbar	5,3	4,1	0,272
Aardgas/Gaz naturel/Natural Gas/Erdgas G20/20 mbar // G25/25 mbar // G20-G25/20-25 mbar <input type="checkbox"/>					
LPG / GPL / FLÜSSIG GAS G30/(28-30) mbar // G30/50 mbar // G30/G31-(28-30)/37 mbar <input type="checkbox"/>					
Rendementsklasse CE / Catégorie Rendement CE / Efficiency class CE / Klasse Wirkungsgrad CE					
Aardgas/Gaz naturel/Natural Gas/Erdgas : 1 LPG / GPL / FLÜSSIG GAS : 2					
BN = merk-marque-brand name-marke MN = model-type C = land van bestemming-pays de destination-country of destination-Bestimmungsland GC = gascategorie-catégorie de gaz-gas category-Gasart SN = seriennummer-numéro de serie-serial number-Seriennummer PN = pinnummer-numéro pin-pin number-PIN-nummer			B11/ C11 / C31 /C91 230 VAC - 50 Hz 0,025 kW		
<p>NL : Raadpleeg eerst zorgvuldig het instructieboekje voordat u het toestel plaatst en in gebruik neemt. De installatie van dit toestel dient te geschieden door een erkend gasinstallateur, volgens de landelijke en plaatselijk geldende voorschriften, in een voldoende eventuele ruimte.</p> <p>FR : Avant d'installer et d'utiliser l'appareil, lisez attentivement le livret d'instructions. L'installation de cet appareil être réalisée par un installateur agréé dans un local suffisamment ventilé selon les prescriptions nationales et locales en vigueur.</p> <p>EN : Before installing and use the appliance please read carefully through the instruction manual. The installation needs to be done by a certified gas installer in accordance with the local legislation and rules. The room has to be ventilated sufficiently.</p> <p>DE : Lesen Sie zuerst sorgfältig das Handbuch, bevor Sie das Gerät aufstellen und in Betrieb nehmen. Die Installation des Geräts muss durch einen anerkannten Gas-Installateur erfolgen, und zwar nach den nationalen und lokalen Vorschriften. Das Gerät ist nur in ausreichend belüfteten Räumen zu betreiben</p>					

BN M-DESIGN				10/2016 CE -1299CR0190	
MN LUNA 1000H				1299 Serie N°	
C	GC	P	Qn(Hi) kW	Pn (Hi) kW	V m³/h
BE/FR	I2E+	G20/G25-20/25mbar	7	6.4	0,789
DE/LU/PL	I2E	G20 - 20 mbar	7	6.4	0,789
NL	I2L	G25 - 25 mbar	6,8	6,1	0,870
AT/CH/CY/CZ/DK/EE/ES/FI/GB/GR/IE/IT/LT/LV/NO/PT/RO/SE/SI/SK	I2H	G20 - 20 mbar	7	6.4	0,789
BE/CH/CY/CZ/ES/FR/GB/GR/IE/IT/LT/PT/SI	I3+	G30/G31-(28-30)/37mbar	6,5	4,7	0,264
CY/DK/EE/HU/IT/LT/NL/NO/SE/SI/SK/RO/TR/BG/IS/LU/MT	I3B/P	G30 - 30 mbar	7,3	5,3	0,226
AT/CH/DE/LU	I3B/P	G30 - 50 mbar	7,3	5,3	0,290
Aardgas/Gaz naturel/Natural Gas/Erdgas G20/20 mbar // G25/25 mbar // G20-G25/20-25 mbar <input type="checkbox"/>					
LPG / GPL / FLÜSSIG GAS G30/(28-30) mbar // G30/50 mbar // G30/G31-(28-30)/37 mbar <input type="checkbox"/>					
Rendementsklasse CE / Catégorie Rendement CE / Efficiency class CE / Klasse Wirkungsgrad CE					
Aardgas/Gaz naturel/Natural Gas/Erdgas : 1 LPG / GPL / FLÜSSIG GAS : 2					
BN = merk-marque-brand name-marke MN = model-type C = land van bestemming-pays de destination-country of destination-Bestimmungsland GC = gascategorie-catégorie de gaz-gas category-Gasart SN = seriennummer-numéro de serie-serial number-Seriennummer PN = pinnummer-numéro pin-pin number-PIN-nummer			B11/ C11 / C31 /C91 230 VAC - 50 Hz 0,025 kW		
<p>NL : Raadpleeg eerst zorgvuldig het instructieboekje voordat u het toestel plaatst en in gebruik neemt. De installatie van dit toestel dient te geschieden door een erkend gasinstallateur, volgens de landelijke en plaatselijk geldende voorschriften, in een voldoende eventuele ruimte.</p> <p>FR : Avant d'installer et d'utiliser l'appareil, lisez attentivement le livret d'instructions. L'installation de cet appareil être réalisée par un installateur agréé dans un local suffisamment ventilé selon les prescriptions nationales et locales en vigueur.</p> <p>EN : Before installing and use the appliance please read carefully through the instruction manual. The installation needs to be done by a certified gas installer in accordance with the local legislation and rules. The room has to be ventilated sufficiently.</p> <p>DE : Lesen Sie zuerst sorgfältig das Handbuch, bevor Sie das Gerät aufstellen und in Betrieb nehmen. Die Installation des Geräts muss durch einen anerkannten Gas-Installateur erfolgen, und zwar nach den nationalen und lokalen Vorschriften. Das Gerät ist nur in ausreichend belüfteten Räumen zu betreiben</p>					

BN M-DESIGN				10/2016 CE -1299CR0190	
MN LUNA 1150 H				1299 Serie N°	
C	GC	P	Qn(Hi) kW	Pn (Hi) kW	V m³/h
BE/FR	I2E+	G20/G25-20/25mbar	8.5	7.3	0,868
DE/LU/PL	I2E	G20 - 20 mbar	8.5	7.3	0,868
NL	I2L	G25 - 25 mbar	8	6.8	0,985
AT/CH/CY/CZ/DK/EE/ES/FI/GB/GR/IE/IT/LT/LV/NO/PT/RO/SE/SI/SK	I2H	G20 - 20 mbar	8.5	7.3	0,868
BE/CH/CY/CZ/ES/FR/GB/GR/IE/IT/LT/PT/SI	I3+	G30/G31-(28-30)/37mbar	7	5.3	0,286
CY/DK/EE/HU/IT/LT/NL/NO/SE/SI/SK/RO/TR/BG/IS/LU/MT	I3B/P	G30 - 30 mbar	7	5.3	0,286
AT/CH/DE/LU	I3B/P	G30 - 50 mbar	7	5.3	0,286
Aardgas/Gaz naturel/Natural Gas/Erdgas G20/20 mbar // G25/25 mbar // G20-G25/20-25 mbar <input type="checkbox"/>					
LPG / GPL / FLÜSSIG GAS G30/(28-30) mbar // G30/50 mbar // G30/G31-(28-30)/37 mbar <input type="checkbox"/>					
Rendementsklasse CE / Catégorie Rendement CE / Efficiency class CE / Klasse Wirkungsgrad CE					
Aardgas/Gaz naturel/Natural Gas/Erdgas : 1 LPG / GPL / FLÜSSIG GAS : 2					
BN = merk-marque-brand name-marke MN = model-type C = land van bestemming-pays de destination-country of destination-Bestimmungsland GC = gascategorie-catégorie de gaz-gas category-Gasart SN = seriennummer-numéro de serie-serial number-Seriennummer PN = pinnummer-numéro pin-pin number-PIN-nummer			B11/ C11 / C31 /C91 230 VAC - 50 Hz 0,025 kW		
<p>NL : Raadpleeg eerst zorgvuldig het instructieboekje voordat u het toestel plaatst en in gebruik neemt. De installatie van dit toestel dient te geschieden door een erkend gasinstallateur, volgens de landelijke en plaatselijk geldende voorschriften, in een voldoende eventuele ruimte.</p> <p>FR : Avant d'installer et d'utiliser l'appareil, lisez attentivement le livret d'instructions. L'installation de cet appareil être réalisée par un installateur agréé dans un local suffisamment ventilé selon les prescriptions nationales et locales en vigueur.</p> <p>EN : Before installing and use the appliance please read carefully through the instruction manual. The installation needs to be done by a certified gas installer in accordance with the local legislation and rules. The room has to be ventilated sufficiently.</p> <p>DE : Lesen Sie zuerst sorgfältig das Handbuch, bevor Sie das Gerät aufstellen und in Betrieb nehmen. Die Installation des Geräts muss durch einen anerkannten Gas-Installateur erfolgen, und zwar nach den nationalen und lokalen Vorschriften. Das Gerät ist nur in ausreichend belüfteten Räumen zu betreiben</p>					

BN M-DESIGN				10/2016 CE -1299CR0190	
MN LUNA 1300 H				1299 Serie N°	
C	GC	P	Qn(Hi) kW	Pn (Hi) kW	V m³/h
BE/FR	I2E+	G20/G25-20/25mbar	9.7	8.4	1,026
DE/LU/PL	I2E	G20 - 20 mbar	9.7	8.4	1,026
NL	I2L	G25 - 25 mbar	9.3	8	1,132
AT/CH/CY/CZ/DK/EE/ES/FI/GB/GR/IE/IT/LT/LV/NO/PT/RO/SE/SI/SK	I2H	G20 - 20 mbar	9.7	8.4	1,026
BE/CH/CY/CZ/ES/FR/GB/GR/IE/IT/LT/PT/SI	I3+	G30/G31-(28-30)/37mbar	9.5	6.7	0,389
CY/DK/EE/HU/IT/LT/NL/NO/SE/SI/SK/RO/TR/BG/IS/LU/MT	I3B/P	G30 - 30 mbar	9.5	6.7	0,295
AT/CH/DE/LU	I3B/P	G30 - 50 mbar	9.5	6.7	0,389
Aardgas/Gaz naturel/Natural Gas/Erdgas G20/20 mbar // G25/25 mbar // G20-G25/20-25 mbar <input type="checkbox"/>					
LPG / GPL / FLÜSSIG GAS G30/(28-30) mbar // G30/50 mbar // G30/G31-(28-30)/37 mbar <input type="checkbox"/>					
Rendementsklasse CE / Catégorie Rendement CE / Efficiency class CE / Klasse Wirkungsgrad CE					
Aardgas/Gaz naturel/Natural Gas/Erdgas : 1 LPG / GPL / FLÜSSIG GAS : 2					
BN = merk-marque-brand name-marke MN = model-type C = land van bestemming-pays de destination-country of destination-Bestimmungsland GC = gascategorie-catégorie de gaz-gas category-Gasart SN = seriennummer-numéro de serie-serial number-Seriennummer PN = pinnummer-numéro pin-pin number-PIN-nummer			B11/ C11 / C31 /C91 230 VAC - 50 Hz 0,025 kW		
<p>NL : Raadpleeg eerst zorgvuldig het instructieboekje voordat u het toestel plaatst en in gebruik neemt. De installatie van dit toestel dient te geschieden door een erkend gasinstallateur, volgens de landelijke en plaatselijk geldende voorschriften, in een voldoende eventuele ruimte.</p> <p>FR : Avant d'installer et d'utiliser l'appareil, lisez attentivement le livret d'instructions. L'installation de cet appareil être réalisée par un installateur agréé dans un local suffisamment ventilé selon les prescriptions nationales et locales en vigueur.</p> <p>EN : Before installing and use the appliance please read carefully through the instruction manual. The installation needs to be done by a certified gas installer in accordance with the local legislation and rules. The room has to be ventilated sufficiently.</p> <p>DE : Lesen Sie zuerst sorgfältig das Handbuch, bevor Sie das Gerät aufstellen und in Betrieb nehmen. Die Installation des Geräts muss durch einen anerkannten Gas-Installateur erfolgen, und zwar nach den nationalen und lokalen Vorschriften. Das Gerät ist nur in ausreichend belüfteten Räumen zu betreiben</p>					

BN M-DESIGN				10/2016 CE -1299CR0190	
MN LUNA 1600H				1299 Serie N°	
C	GC	P	Qn(Hi) kW	Pn (Hi) kW	V m³/h
BE/FR	I2E+	G20/G25-20/25mbar	11.9	9.7	1.217
DE/LU/PL	I2E	G20 - 20 mbar	11.9	9.7	1.217
NL	I2L	G25 - 25 mbar	10.7	8.9	1.316
AT/CH/CY/CZ/DK/EE/ES/FI/GB/GR/IE/IT/LT/LV/NO/PT/RO/SE/SI/SK	I2H	G20 - 20 mbar	11.9	9.7	1.217
BE/CH/CY/CZ/ES/FR/GB/GR/IE/IT/LT/PT/SI	I3+	G30/G31-(28-30)/37mbar	8.8	7	0.360
CY/DK/EE/HU/IT/LT/NL/NO/SE/SI/SK/RO/TR/BG/IS/LU/MT	I3B/P	G30 - 30 mbar	8.8	7	0.273
AT/CH/DE/LU	I3B/P	G30 - 50 mbar	8.8	7	0.360
Aardgas/Gaz naturel/Natural Gas/Erdgas G20/20 mbar // G25/25 mbar // G20-G25/20-25 mbar <input type="checkbox"/>					
LPG / GPL / FLÜSSIG GAS G30/(28-30) mbar // G30/50 mbar // G30/G31-(28-30)/37 mbar <input type="checkbox"/>					
Remdementsklasse CE / Categorie Rendement CE / Efficiency class CE / Klasse Wirkungsgrad CE					
Aardgas/Gaz naturel/Natural Gas/Erdgas : 1 LPG / GPL / FLÜSSIG GAS : 2					
BN = merk-marque-brand name-marke MN = model-type C = land van bestemming-pays de destination-country of destination-Bestimmungsland GC = gascategorie-catégorie de gaz-gas category-Gasart SN = serienummer-numéro de serie-serial number-Seriennummer PN = pinnummer-numéro pin-pin number-PIN-nummer			B11/ C11 / C31 / C91 230 VAC - 50 Hz 0,025 kW		
NL : Raadpleeg eerst zorgvuldig het instructieboekje voordat u het toestel plaatst en in gebruik neemt. De installatie van dit toestel dient te geschieden door een erkend gasinstallateur, volgens de landelijke en plaatselijk geldende voorschriften, in een voldoende geventileerde ruimte. FR : Avant d'installer et d'utiliser l'appareil, lisez attentivement le livret d'instructions. L'installation de cet appareil être réalisée par un installateur agréé dans un local suffisamment ventilé selon les prescriptions nationales et locales en vigueur. EN : Before installing and use the appliance please read carefully through the instruction manual. The installation needs to be done by a certified gas installer in accordance with the local legislation en rules. The room has to be ventilated sufficiently. DE : Lesen Sie zuerst sorgfältig das Handbuch, bevor Sie das Gerät aufstellen und in Betrieb nehmen. Die Installation des Geräts muss durch einen anerkannten Gas-Installateur erfolgen, und zwar nach den nationalen und lokalen Vorschriften. Das Gerät ist nur in ausreichend belüfteten Räumen zu betreiben					

BN M-DESIGN				10/2016 CE -1299CR0190	
MN LUNA 1900H				1299 Serie N°	
C	GC	P	Qn(Hi) kW	Pn (Hi) kW	V m³/h
BE/FR	I2E+	G20/G25-20/25mbar	13.8	11.6	1.355
DE/LU/PL	I2E	G20 - 20 mbar	13.8	11.6	1.355
NL	I2L	G25 - 25 mbar	12.6	10.8	1.442
AT/CH/CY/CZ/DK/EE/ES/FI/GB/GR/IE/IT/LT/LV/NO/PT/RO/SE/SI/SK	I2H	G20 - 20 mbar	13.8	11.6	1.355
BE/CH/CY/CZ/ES/FR/GB/GR/IE/IT/LT/PT/SI	I3+	G30/G31-(28-30)/37mbar	10.1	8.2	0.455
CY/DK/EE/HU/IT/LT/NL/NO/SE/SI/SK/RO/TR/BG/IS/LU/MT	I3B/P	G30 - 30 mbar	10.1	8.2	0.384
AT/CH/DE/LU	I3B/P	G30 - 50 mbar	10.1	8.2	0.455
Aardgas/Gaz naturel/Natural Gas/Erdgas G20/20 mbar // G25/25 mbar // G20-G25/20-25 mbar <input type="checkbox"/>					
LPG / GPL / FLÜSSIG GAS G30/(28-30) mbar // G30/50 mbar // G30/G31-(28-30)/37 mbar <input type="checkbox"/>					
Remdementsklasse CE / Categorie Rendement CE / Efficiency class CE / Klasse Wirkungsgrad CE					
Aardgas/Gaz naturel/Natural Gas/Erdgas : 1 LPG / GPL / FLÜSSIG GAS : 2					
BN = merk-marque-brand name-marke MN = model-type C = land van bestemming-pays de destination-country of destination-Bestimmungsland GC = gascategorie-catégorie de gaz-gas category-Gasart SN = serienummer-numéro de serie-serial number-Seriennummer PN = pinnummer-numéro pin-pin number-PIN-nummer			B11/ C11 / C31 / C91 230 VAC - 50 Hz 0,025 kW		
NL : Raadpleeg eerst zorgvuldig het instructieboekje voordat u het toestel plaatst en in gebruik neemt. De installatie van dit toestel dient te geschieden door een erkend gasinstallateur, volgens de landelijke en plaatselijk geldende voorschriften, in een voldoende geventileerde ruimte. FR : Avant d'installer et d'utiliser l'appareil, lisez attentivement le livret d'instructions. L'installation de cet appareil être réalisée par un installateur agréé dans un local suffisamment ventilé selon les prescriptions nationales et locales en vigueur. EN : Before installing and use the appliance please read carefully through the instruction manual. The installation needs to be done by a certified gas installer in accordance with the local legislation en rules. The room has to be ventilated sufficiently. DE : Lesen Sie zuerst sorgfältig das Handbuch, bevor Sie das Gerät aufstellen und in Betrieb nehmen. Die Installation des Geräts muss durch einen anerkannten Gas-Installateur erfolgen, und zwar nach den nationalen und lokalen Vorschriften. Das Gerät ist nur in ausreichend belüfteten Räumen zu betreiben					