INTERRA GAS 60 - 68 - 74



PASSION FOR FIRE

User manual and installation

VERY IMPORTANT

INSTRUCTION FOR INSTALLATION AND USE M-DESIGN FIRES.

THE SUPPLIER TAKES NO RESPONSIBILITY FOR ANY POSSIBLE DAMAGE, POWER LESS WORKING APPLIANCE DUE TO ACCIDENT AS A RESULT OF INCORRECT INSTALLATION



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1. General

This fireplace is a product based on a closed combustion system. It is designed to create a pleasant atmosphere and comfort in your living room. It is an efficient heating system that creates the impression as if you were in front of a real pen fire. Fireplaces with GAS combustion are based on the principle of natural chimney draft. For this system is needed to use two concentric pipes. The inner pipe ensures flue and outer pipe is used to supply air for combustion. The advantage of this principle is that the device does not need any aor from the room and it operates independently of the house climate.

1.1 Transport and installation

- The INTERRA is transported in a horizontal position or if there are some problems in angle-wise 45°. At first unscrew screws from the pallets. (see pic.1).
- You can use transport holders (optional) (see pic.2). For transport fix then on the both sides of the fireplace.



pic 1



pic 2



Opening and closing of the door

pull the leveller in your direction and open de window

IF THERE IS GREASE OR SOME DUST LAYER ON THE GLASS (INSIDE OR OUTSIDE), CLEAN IT BEFORE USING GAS FIREPLACE. CLEANING OF THE GLASS IS THE ONLY MAINTENANCE THAT CAN BE PERFORMED BY CUSTOMERS.

2. Installation

This equipment should be accompanied by experts and according to the latest regulations. Based on the specifications from your order, the device is designed for either natural gas or propane.

Before installing and commissioning the fireplace into operation, read the instructions and check local laws and this type of fireplace (indication of the type of gas, etc.) and whether the device is suitable for your installation conditions.

The installer must comply with the following requirements:

- The device must be checked for leaks and the elimination of the flue gas.
- The concentric pipes should be tested.
- The performance of the control valve, the ignition of the flame, the main burner, and thermocouple must be tested.

This device has been designed as closed.

Closed (sealed) parts cannot be changed, therefore, it can be also used in enclosed spaces and spaces fitted with mechanical ventilation of the house. Even in houses with closed ventilation, where acts as a room heater.

Remark: In some situation it is easy to install the fireplace with an optionally stand.



With stand



Without stand

2.1. Gas connection

Connection can be performed only by qualified experts!

GAS fireplaces come standard with ½" GAS connection - pipe diameter of 12 mm. Welded connections with internal thread diameter of 12 mm is provided in accordance with CE standards. The connection is always on the left size of the fireplace. Make sure the pipe of the gas has no error before connected into the GAS fireplace. The device should be always connected to the locking tap, which is prescribed by standards and valid. It has to be always able to access to this locking tap.

NEARBOX : If you want to place the unit where there is not enough space under the unit, you can opt for a 'NEARBOX' gas unit that can be placed anywhere freely beside the fireplace. Make sure the gas unit is still accessible by means of a hatch.

UNDERBOX : Gas unit located below the unit and fixed.

2.2 Electrical connection

These appliances are equipped with remote control for power supply 220 V. Always unplugs the appliance before you start the service.

3. Chimney installation (voir page 13,14 et 15)

Installation of concentric tubes for flue gases must be carried out as specified in the manual. The only authorized tubes are from the brand ONTOP-Metaloterm. Our gas fireplace with ONTOP-Metaloterm has been tested and approved. Thus proper functioning of the gas fireplace is guaranteed just with ONTOP-Metaloterm.

Between the outer tube wall and wall or ceiling should be a minimum distance of at least 5 cm (it is the thermal protection against temperature of about 130° C). Transition of chimney extension front panel in the outer wall must be filled with silicone sealant.

4. Air flow

Fireplace insert INTERRA can be ordered with or without pre-installed fan. This must be confirmed when ordering.

4.1 Natural convection

Without fan you are not obliged to use the hot air vents. But if above the fireplace there is a decorative wooden beam or other combustible material you have to install Hot Air Vents.

4.2 Convection y means of a fan (optional)

The Interra fireplace with UNDERBOX must be installed with the fan (preinstalled in the fireplace) and this to provide cooling of the electronics.

The Interra fireplace with NEARBOX : fan is optionam

If you choose the fan, the air will be drawn in from the bottom and subsequently blown through the convection casing. The fan is mounted on the back of the appliance. By removing inside panelling on the back and unscrew the metal plate behind this inside panelling, it's easy to have access to the fan. When using a fan it is not obligatory to connect air ducts.convection

4.3 Fan (optional).

- The fan (optional) starts automatically when a temperature of 50°C is reached, and switches off again automatically when 30°C is reached.
- The fan (optional) stops automatically working when you open the door. This is fully automatically working fan. There is no used a Dimmer or Speed Controller for the fan.



5. First use

The walls and cladding on newly surrounds the fireplace contain large amounts of moisture, which have to be first evaporated before putting the fireplace into operation. If not, plastering and cladding flaw or can be separated. Ask your installer how much time is required for drying. For the first time do just a small fire. (What means level 1-5 on the remote control)

At the first ignition may occur unpleasant smell. The smell comes from the protective paint. These odors are harmless. To eliminate it is sufficient to ensure adequate ventilation rooms.

On the glass may be formed light coating after first firing. This is the colour. The glass can be cleaned using a cleaning product Bio-Clean M-Design after cooling the appliance. The product may later be used to clean the glass door.

The fireplace must not be used if the door is without glass or if the door is open. If the glass door is cracked or broken, it must not be used until the glass is replaced. In this case, please contact your M-design seller.

6 Security and maintance

At least once a year make the equipment checked by a qualified professional. Follow the next points:

- Enclosed equipment produces very high temperatures, what means that all the external surfaces (metal frame and glass) are after some heating time very hot. Ensure that small children do not touch the glass, because it can cause burn injury.
- With GAS fireplace are delivered either with ceramic wooden logs, ceramic stones, diamond or sapphires. Never place other objects into the combustor.
- Flammable objects put enough away from the fireplace (at least 1 meter)!
- Never change the settings by yourself, because this leads to void the warranty. The warranty will not be valid.
- The remote control should never be used by children without supervision/control.
- Always keep startpilot on. The device is designed that the flames goes out automatically after every 24 hours, and immediately turned on again. This enables the electronic system discharge of static electricity.
- If the burner goes out for some reason, wait 3 minutes and then try to turn on the device again

7. Guarantee

7.1. Terms and items covered :

8 years guarantee on the main structure

2 years guarantee on the parts

1 year guarantee on the fan

No guarantee on glass, seals and lining the combustion chamber

7.2. Provision

This contract ceases to be valid if the instructions and guidelines of these operating instructions were not followed. Indemnification during the guarantee period will take place only through the supplier's mediation upon presentation of the invoice of purchase. Parts will be delivered only in replacement of defect parts.

7.3. Disclaimer

Damage, loss and related disorders :

- Improper installation, incorrect connection.
- Transportation and installation.
- Incorrect usage.
- Insufficient maintenance.
- All internal adjustments or reconstruction device.
- Costs for packaging and transport.
- All costs not pre-arranged with M-design.
- Costs linked with misuse or abuse of the appliance.

Serial number:

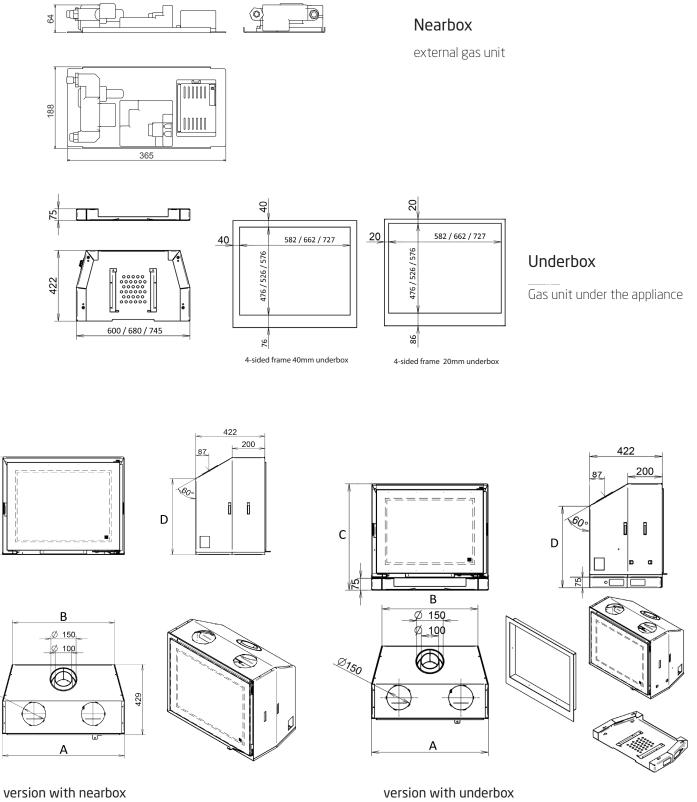
Open the door. Above the left corner, behind the bended metal sheet you can find serial number.





Your nr :

8. Drawings



В С D А Interra 60 600 478 497,5 363 Interra 68 547,5 680 558 413 Interra 74 745 623 597,5 463



С

Ø150



Interra 60

Interra 68

Interra 74

В

478

558

623

А

600

680

745

С

567,5

617,5

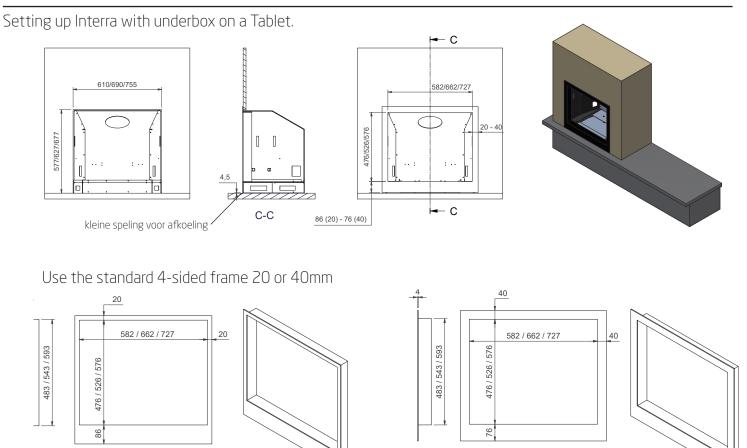
667,5

D

433

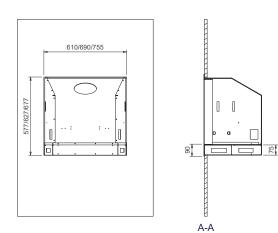
483

533

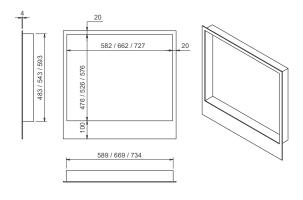


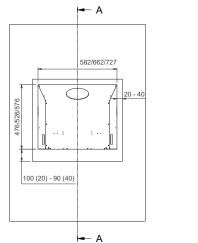
Setting up Interra with underbox against a flat wall.

589 / 669 / 734



For this set-up, please specify when ordering: overlap at the bottom 100mm (for a 20mm frame) overlap at the bottom 90mm (for a 40mm frame)

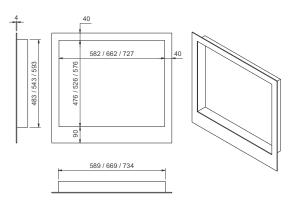






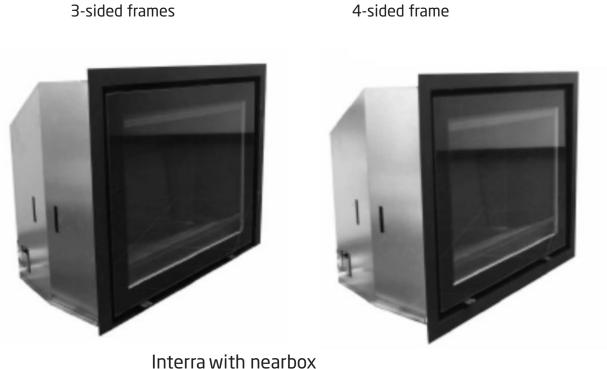
Caution : Provide an opening in the mantle for a cooling of the gas battery.

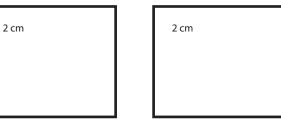
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9. Frames (optional)

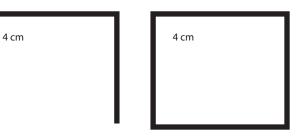
On the model INTERRA can be mounted 4-seided or 3-seided frame. These frames can be mounted even after the whole installation, because it is inserted into the outside of the fireplace as you can see on the pictures bellow..





frame 2 cm <u>3 sided</u>

4 sided

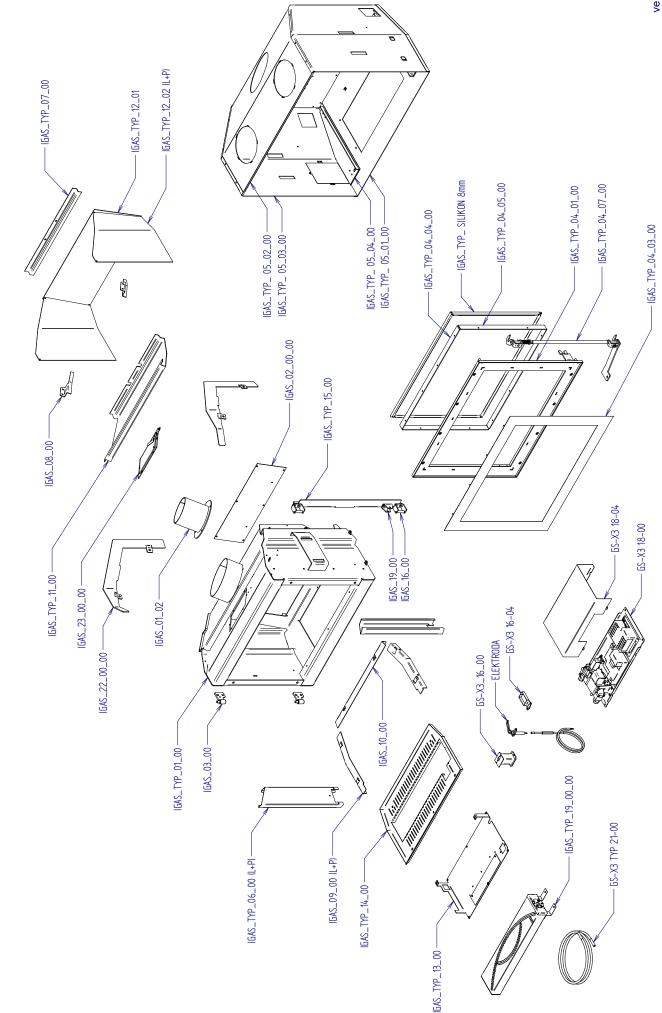


frame 4 cm <u>3 sided</u> <u>4 sided</u>

10. Spare parts

ver. 6.7.2016 Ø IGAS_TYP_ SILIKON 8mm IGAS_TYP_04_05_00 IGAS_TYP_04_01_00 IGAS_TYP_04_07_00 IGAS_TYP_04_04_00 IGAS_TYP_ 05_04_00 -IGAS_TYP_ 05_01_00 -- IGAS_TYP_04_03_00 -6.4 90 4 · IGAS_TYP_15_00 ФĆ - GS-X3 18-04 ES-X3 18-00 IGAS_19_00 -IGAS_16_00 -· GS-X3 16-04 - ELEKTRODA - 6S-X3_16_00 Ø, IGAS_10_00 Ì 7

INTERRA GAS



BN M-DESIGN	s		serie N°	CE -1299	CR0190
С	GC	P	Qn(Hi) kW	Pn (Hi) kW	V m³/h
BE/FR	12E+	G20/G25-20/25mbar	4,2	3,8	0,39
DE/LU/PL	I2E	G20 - 20 mbar	4,2	3,8	0,39
NL	I2L	G25 - 25 mbar	4	3,6	0,41
AT/CH/CY/CZ/DK/ EE/ES/FI/GB/GR/ IE/IT/LT/LV/NO/ PT/RO/SE/SI/SK	I2H	G20 - 20 mbar	4,2	3,8	0,39
BE/CH/CY/CZ/ES/ FR/GB/GR/IE/IT/ LT/PT/SI	13+	G30/G31- (28-30)/37mbar	4,4	2,8	0,18
CY/DK/EE/HU/IT/ LT/NL/NO/SE/SI/ SK/RO/TR/BG/IS/ LU/MT	I3B/P	G30 - 30 mbar	4,4	2,8	0,17
AT/CH/DE/LU	I3B/P	G30 - 50 mbar	4,4	2,8	0,2
Aardgas/Gaz naturel/ BN = merk-marque-brand MN = model-type C = land van bestemming- GC = gascategorie-catégo	SIG GAS ategorie Renden Natural Gas/E name-marke pays de destinati rie de gaz-gas ca	G30/(20-30) mbar // G30/50 mba nent CE / Efficiency class CE / Kla crdgas : 1 L on-country of destination-Bestimm tegory-Gasart	r // G30/G31- sse Wirkungs .PG / GPL	(28-30)/37 mk	GAS:2
van dit toestel dient te geso voorschriften, in een voldoe FR : Avant d'installer et d'u	n-pin number-PIN vuldig het instruc shieden door een ende geventileerd tiliser l'appareil, l	I-nummer tieboekje voordat u het toestel plaa erkend gasinstallateur,volgens de	landelijke en	a plaatselijk ge allation de cet	installatie Idende appareil êt

EN : Betore installing and use the appliance please read cartilly 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 Gerat 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 Gerat ist nur in ausreichend belüfteten Räumen zu betreiben

CE^{10/2016} CE -1299CR0190 M BN M-DESIGN MN INTERRA 74 GAS Serie N° С GC P Qn(Hi) Pn (Hi) V m³/h kW kW 5,6 0,62 BE/FR 12E+ G20/G25-20/25mbar 6 DE/LU/PL I2E G20 - 20 mbar 5.6 0,62 6 NL 121 G25 - 25 mbar 5.8 5,4 0,65 AT/CH/CY/CZ/DK/ I2H G20 - 20 mbar 0,62 6 4.8 EE/ES/FI/GB/GR/ IE/IT/LT/LV/NO/ PT/RO/SE/SI/SK BE/CH/CY/CZ/ES/ 5,8 4.8 0,28 13+ G30/G31-FR/GB/GR/IE/IT/ (28-30)/37mbar LT/PT/SI CY/DK/EE/HU/IT/ I3B/P G30 - 30 mbar 5.8 4.8 0,25 IT/NI/NO/SE/SI/ SK/RO/TR/BG/IS/ LU/MT 5,8 AT/CH/DE/LU 13B/P G30 - 50 mbar 48 0.29 Aardgas/Gaz naturel/Natural Gas/Erdgas G20/20 mbar // G25/25 mbar // G20-G25/20-25 mbar 11 LPG / GPL / FLÜSSIG GAS G30/(28-30) mbar // G30/50 mbar // G30/G31-(28-30)/37 mbar ent CE / Efficiency class CE / Klasse Wirkungsgrad CE rdgas : 1 LPG / GPL / FLÜSSIG GAS : 2 se CE / Categorie Rende Aardgas/Gaz naturel/Natural Gas/Erdgas : 1 BN = merk-marque-brand name-mark MN = model-type B11 / C11 / C31 / C91 mix = moder-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 230 VAC - 50 Hz 0,025 kW PN = pinnumer-numéro pin-pin number-PIN-nummer 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 voorschritten, in een voldoende geventileerde nuimte. FR : Avant d'installer et d'ultiger l'appareil, lisez attentivement le livret d'instructions. L'installation de cet appareil ét réalisée par un installateur agrée dans un local suffisament ventilé selon les prescriptions nationales et locales en voorschritten, en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attentive selon les prescriptions nationales et locales en voorschritten en lisez attenti en lisez attentive selon les prescriptions nationales et locales vigueur. EN : Before installing and use the appliance please read carfully 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 : Leens 512 suzerst sorgfältig das Handbuch, bevor Sie das Gerat 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 Gerat ist nur in ausreichend belüfteten Räumen zu betreiben

BN M-DESIGN MN INTERRA 68 GA	s		erie N°	CE -1299	CR0190
С	GC	P	Qn(Hi) kW	Pn (Hi) kW	V m³/h
BE/FR	12E+	G20/G25-20/25mbar	4,7	4,14	0,5
DE/LU/PL	I2E	G20 - 20 mbar	4,7	4,14	0,5
NL	I2L	G25 - 25 mbar	4,5	3,9	0,53
AT/CH/CY/CZ/DK/ EE/ES/FI/GB/GR/ IE/IT/LT/LV/NO/ PT/RO/SE/SI/SK	I2H	G20 - 20 mbar	4,7	4,14	0,5
BE/CH/CY/CZ/ES/ FR/GB/GR/IE/IT/ LT/PT/SI	13+	G30/G31- (28-30)/37mbar	4,7	3,1	0,21
CY/DK/EE/HU/IT/ LT/NL/NO/SE/SI/ SK/RO/TR/BG/IS/ LU/MT	I3B/P	G30 - 30 mbar	4,7	3,1	0,18
AT/CH/DE/LU	I3B/P	G30 - 50 mbar	4,7	3,1	0,21
Aardgas/Gaz naturel/ BN = merk-marque-brand r MN = model-type	SIG GAS Lategorie Renden Natural Gas/E name-marke pays de destinati	G30/(28-30) mbar // G30/50 mba nent CE / Efficiency class CE / Kla Erdgas : 1 L	r // G30/G31- sse Wirkungs .PG / GPL /	(28-30)/37 mb	GAS:2
	n-pin number-PIN vuldig het instruc chieden door een ande geventileerd	I-nummer tieboekje voordat u het toestel plaa erkend gasinstallateur,volgens de de ruimte.	landelijke en	0,025 ruik neemt.De	kW installatie Idende

DE : Lesen Sie zuerst sorgfaltig das Handbuch, bevor Sie das Gerat 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 Gerat ist nur in ausreichend belüfteten Räumen zu betreiben

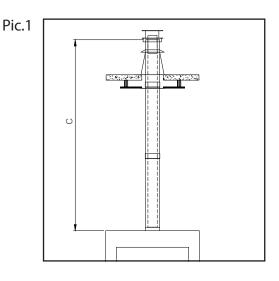
12. Installing the chimney

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.

Pic. 1 Roof exit (c ₃₁)

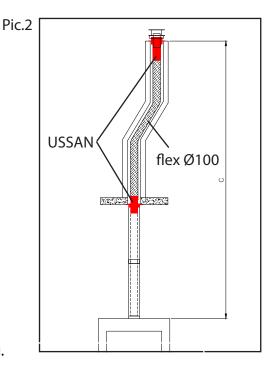
This is recommended with a roof exit \ge 3m

Ø 150/100			
Appliance	C (min)	C (max)	
Interra 60-68	4 m	18m	
Interra 74	4 m	18m	



Pict. 2 Roof exit via existing chimney (c 91)

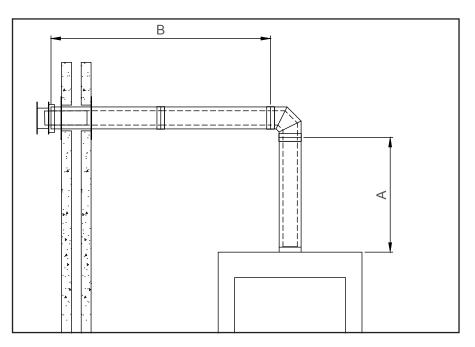
Ø 150/100			
Appliance	C (min)	C (max)	
Interra 60-68	4 m	18m	
Interra 74	4 m	17m	



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

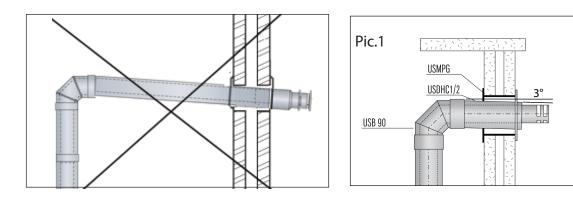
This USSAN piece must be sealed at the roof!

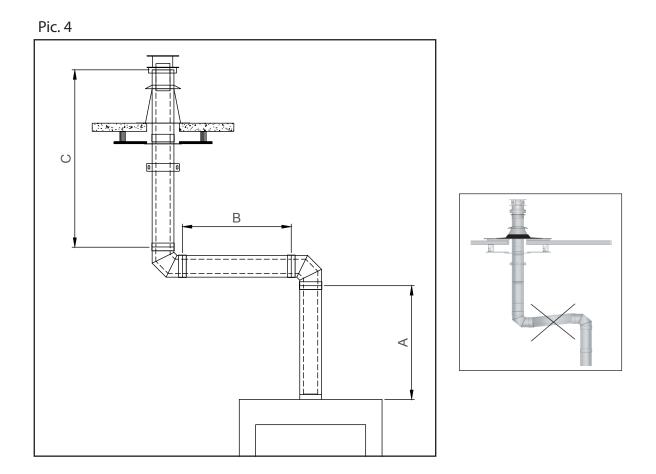




Ø 150/100			
Aplliance	A (min)	B (min)	B (max)
Interra 60-68	1 m	Wall exit	A+8m
Interra 74	lm	Wal exit	A+7m

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. Install wall outlet like fig 1



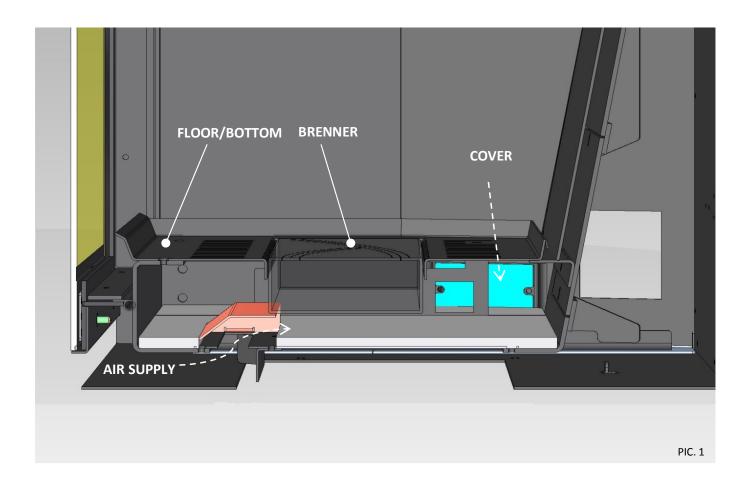


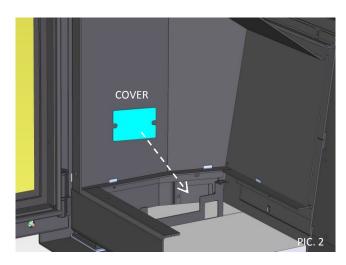
Ø 150/100				
Appliance	A (min)	B (max)	C (min)	(A+B+C)max
Interra 60-68	lm	A+C	B-A	16m
Interra 74	1 m	(A+C) -0,5m	B-A	15m

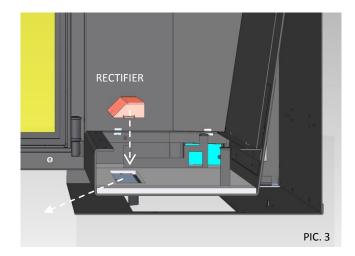
Appliance	Ø 150/100
Interra 60-68-74	for each 90° bend subtract 1m horizontally or add 1m vertically
Interra 60-68-74	for each 45°/30°/15° bend subtract 0,5m horizontally or add 0,5 m vertically

13. Modification to the internal air supply (air from the room)

- 1. For modification to the internal (bottom) air supply dismantle the floor. (note: for better access and manipulation you can dismantle the burner too).
- 2. Screw cover on the holes in the side. (pic.2)
- 3. Remove the insulation and replace the rectifier with cover on the middle shield. (pic.3)
- 4. Mantle the floor and burner back.







14. Setup woodlogs: Interra 60-68-74

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

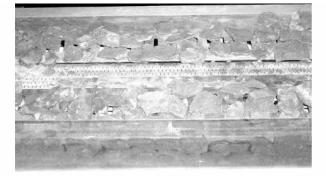
•Open the window

•Arrange the materials supplied. 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.

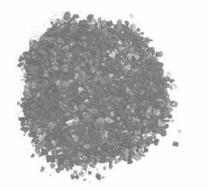
Caution: do not put anything on the pilot light. To arrange the logs respect the order as follows.



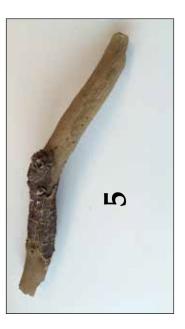
Put the big immitation coal pieces around the burner.



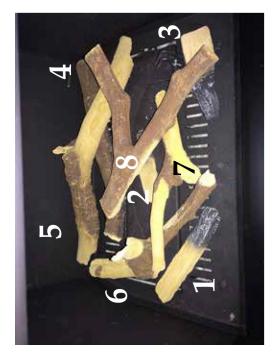
Put the little imitation coal pieces on the burner en here and there around the big coal pieces.







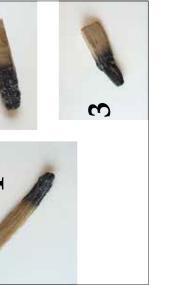








INTERRA 60-68-74 Gas/Gaz



2











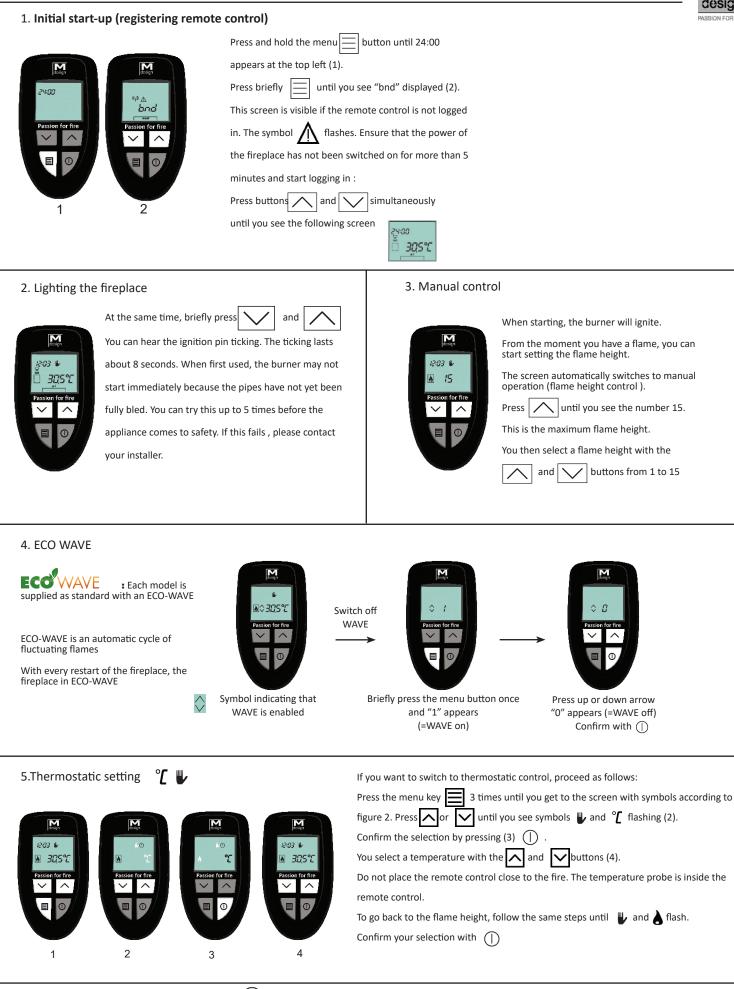






INTERRA 60-68-74 Gas/Gaz





Press once \bigcirc to switch off the fireplace. The fireplace will start up with 1 or more burners depending on whether the "b" options (press 2x on the menu key) is set to "0" or "1".

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