OPERATING AND INSTALLATION INSTRUCTIONS

Gas-fired hearth:

TRANSPARENTE 73-100-120-140-160

IRELAND-IE

GREAT BRITTAN-GB

We hope that you enjoy the warmth of your new Transparente. Read these instructions carefully before installing and using the Transparente. Keep these instructions in a safe place. Always provide the following information if the Transparente breaks down: model and serial number, which can be found on the unit. Your receipt of purchase is your proof of warranty.

1. GENERAL

Check the unit immediately after delivery to confirm that it has not been damaged during transport. If it is damaged in any way, please inform your supplier immediately and provide as many details as possible. Your **Transparente** has been coated with heat-resistant enamel that can withstand extremely high temperatures. Allow the **Transparente** to burn at the highest setting and ventilate the room thoroughly during the first hours of use. As the enamel is cured, convection will cause a non-hazardous smell and/or some smoke to be emitted.

⚠ Attention

The **Transparente** must be installed, connected and checked by a qualified fitter in accordance with national, regional, and local standards and regulations. The fitter should verify that the **Transparente** is gas tight for gas and combustion products and that the various components and functions are operating correctly. The fitter should furthermore ensure that the identification plate is placed in a prominent position in the immediate vicinity of the burner. The flue system also needs to comply with the applicable regulations.

⚠ Warning

The **Transparente** will become hot during use. Therefore you should take care, for example, by keeping children and those requiring help away from the immediate vicinity of burning fires. Furthermore, the **Transparente** should not be placed on or against flammable materials (curtains, etc.).

PACKAGE CONTENTS

TRANSPARENTE 73-100-120-140-160 AB

Complete appliance
Operating and installation Instructions

Decoration set:
Ceramic block set - Transparente 73-100-120-140-160 AB.
Pebble set - Transparente 73-100-120-140-160 AB.
Carrara set- Transparente 73-100-120-140-160 AB.

Optional:
Support iron

2. SAFETY DEVICE

The unit is fully safeguarded by means of thermo-electric pilot light protection to prevent unforeseen discharge of gas from the main burner.

2.1 Safety

Do not place ceramic burner decoration material or logs against the pilot burner. Ensure the pilot light is able to burn freely over the main burner. Good ignition of the main burner is only guaranteed if this is the case. Not adhering to these instructions can lead to dangerous situations.


The unit, complete concentric flue system and flue terminal need to be cleaned and checked annually by a recognised gas technician/fitter, so the unit continues to operate safely. For additional instructions, see Chapter 10: Maintenance.


If, for whatever reason, the pilot light extinguishes, you must wait 5 minutes before igniting the pilot light again.


The unit may not be operated without the glass panel being in place.


It is not permitted to place flammable materials on the ceramic wood inset.


The layout of the main burner with ceramic burner decoration material and wood inset may under no circumstances be changed or added to.


Light flammable materials, such as nylon clothing or flammable liquids, may not be placed near the unit. Ensure children and other persons unaware of the operation of a gas unit, are supervised at all times when near the unit.


Use a fireguard to protect against burns and protection of the children and persons named above.

3. REMOTE CONTROL

3.1 General

* The unit is operated using a radio-controlled remote control. This consists of a manual transmitter and a receiver. The receiver is connected to the gas control block.
* The receiver and the gas control block are located in the operating box.

3.2 Manual transmitter

* The transmitter uses a radio-controlled signal. The signal code is set at the factory

3.3 Screen setup

* After the batteries have been inserted, press the **OFF** button and (small) at the same time to toggle between °F (and 12 hour clock) and °C (and 24 hour clock).
* Wait a moment or press **OFF** to return to **MAN** mode.

Manual transmitter

33.4 Setting the time

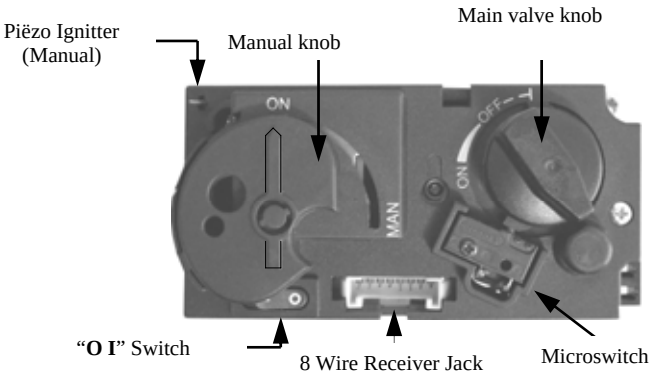
* Press (large) and (small) at the same time to go to the **SET** mode or programming mode.
* The time can be set while the screen is flashing.
* Press to set the hour and minutes.
* Wait a moment or press **OFF** to return to **MAN** mode.

3.5 Operation (Remote Control)

Igniting the flame

* Open the gas shut-off cock that has been installed in the gas pipe to the unit.
* Press the "**O I**" switch on the gas control block to the "**I**" position.
* Turn the operating button on the gas control block into the **ON** position.
* Press the **OFF** and (large) switches on the remote control at the same time. A short sound signal will confirm commencement.

  Short sound signals will then follow until the pilot light and main burner are ignited.
  Once the main burner is ignited, the flame will adjust to its maximum height automatically.



Combination Control, Cover

3.6 Possible error messages

* Long sound signals during ignition: Receiver batteries are almost empty. (After this signal is heard, the unit may be switched on approximately 10x more).
* 5 seconds of continuous sound signal: Error message. For example: one of the cables is not connected, the "**O I**" switch is not in the "**I**" position.
* 5x short sound signal: The pilot light or main burner are not ignited.
  Possible cause: air in the pilot pipes.

Important

If the pilot light is extinguished, wait at least 5 minutes before repeating the steps above.

3.7 Setting the flame height / extinguishing the flame

* After the burner is ignited, the flame size will adjust to its maximum height automatically.
* Press the button (small) on the image of the flame to reduce the height and to switch the burner off. (Extinguishing the flame: "**STAND BY**"). (Press the key for a short time to gradually reduce the flame.)
* Press the (large) button to increase the flame height. (Press the button briefly to gradually increase the flame height)

3.8 Switching the unit off.

* Press the (small) button to reduce the flame height and to switch the burner off ("**STAND BY**").
* Then press OFF to switch off the entire unit, including the pilot light.
* If the unit is out of use for a long period, set the "**O I**" switch on the gas control block to the "**O**" position to save the batteries.
* In this case, it is also recommended you close the gas shut-off cock in the supply line.

Breakdowns:

* If the receiver is not receiving signals from the manual transmitter effectively, this could be caused by:
  1. Flat batteries: replace the batteries.
  2. An electronic problem: press "**RESET**" on the receiver.
  3. Contact your fitter if the unit switched off regularly.

⚠ **Important:** If, for whatever reason, the pilot light goes out, you must wait 5 minutes before reigniting it.

3.9 Inserting and replacing the batteries

* The manual transmitter and receiver batteries have a life span of approximately one year. The use of alka line batteries is recommended.
* The batteries need to be replaced when:
  1. Manual transmitter: BATT appears on the display.
  2. Receiver: long sound signals can be heard during ignition.

1. Manual transmitter:

* Open the small cover on the back.
* Carefully remove the 9V square battery and remove the battery from the contact holder. Do not pull the wires!
* Connect the new battery and place the whole unit back. Close the cover.

2. Receiver:

* Carefully remove the entire receiver from the holder.
* Slide the small cover open.
* Remove the batteries from the battery holder.
* Place 4 new 1.5V batteries (type LR6 or AA) in the battery holder as shown. The spring must always be against the negative (-) pole of the battery.
* Close the cover and place the receiver back into the holder.

If the batteries are not inserted correctly, the electronics of drive mechanism could be damaged irreparably.

Replace the batteries only when the unit is completely switched off.

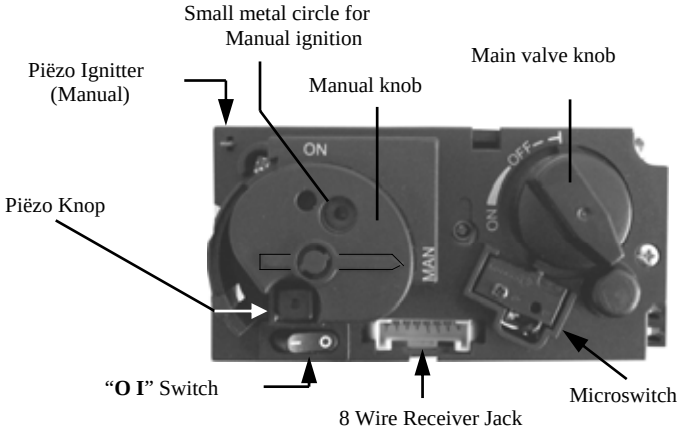
Important

Use only *non-metallic* tools to remove the batteries

Removing batteries with a metal object may cause permanent damage to the electronic control.

4. MANUAL CONTROL

The unit may be operated by hand if there is a defect in the remote control. To do so, the ignite (piezo)cable of the receiver must first be removed and carefully slid into the piezo connector on the gas control block.



(Combination Control, Cover Manual position

4.1 Igniting the fire

* Open the gas shut-off cock that has been installed in the gas pipe to the unit.
* Press the "**O I**" switch, on the gas control block, in the "**I**" position.
* Turn the motor button, on the gas control block, completely to the right. The button will make a "click" sound.
* Turn the operating button on the gas control block, into the "**MAN**" position. A metal circle in the operating button will become visible.
* Push the metal circle inwards. For example, with a pen. Gas will now flow to the pilot flame.
* While keeping the metal circle pressed down, press the (square) piezo button (along the "**O I**" switch) several times to ignite the pilot flame. You will be able to see whether the pilot flame is burning through the glass window.
* If the pilot flame is alight, keep the metal circle pressed down for another 10 seconds and then let go.

⚠ **Important: If the pilot light extinguishes, one should wait at least 5 minutes before repeating the aforementioned steps.**

* Turn the operating button to the **ON** position. The burner may or may not ignite, depending on the position of the motor button.
* By turning the motor button to the required setting to the left, the burner will ignite and the flame size can be adjusted.

4.2 Extinguishing the fire

Turn the motor button, on the gas control block, completely to the right. The button will make a "click" sound. The burner will turn off. The pilot flame continues to burn.

4.3 Switching the unit off

Press the "**O I**" switch, on the gas control block, in the "**O**" position. The pilot flame will extinguish.
If the fireplace is not used for an extended period of time, we recommend closing the gas shut-off cock in the supply line.

⚠ **Important: If, for whatever reason, the pilot light extinguishes, you must wait 5 minutes before igniting the pilot light again.**

5. INSTRUCTIONS FOR MERTIK MAXITROL GV60 AND REOMOTE CONTROL:

Ensure that the fuel supplied to the unit is clean and free from particles and moisture.
Before a gas supply pipe (new or existing) is connected to the main gas pipe at the gas meter and to the gas control block of the unit, clean and dry compressed air should been blown through it.
Cut copper pipes as well as aluminium pilot pipes must be deburred and blown clean before they are con nected. The dust filter at the connection to the gas control block will only filter out the coarsest dirt from the system. Fine particles are still able to reach the inside and may damage and/or adversely affect regulation in the gas control block.

Heat, moisture and dust are a threat to all electronic components
Protect the electronic gas control *until* all construction, plastering and paintwork has been completed. If such work cannot be avoided, then protect the control against dirt and moisture penetration by using, for example, plastic film.

⚠ **Warning**
Electronic components will become permanently faulty when exposed to temperatures higher than 60°C. Standard AA batteries will crack open at temperatures >54°C and the battery contents will damage the electronic switches located underneath. Batteries last longest at <25°C. At >50°C the life span is around 23 weeks, this makes the use of the gas fire unnecessarily expensive.

Only install the gas control block and receiver as pre-installed at the factory
Remember that components may have to be replaced or that repairs may have to be performed at a later date. This may be more difficult if the control is installed using a method that is different from the instructions provided here.

⚠ **Please note:**
Only place the batteries *after* wiring to the receiver, gas control block and pilot set is connected.
Premature connection to the energy source may damage the control's CPU (central processor).

Ensure that the ignition cable is not near the antenna wire and that they do not cross each other.
The high voltage released at ignition may damage the sensitive receiver circuit.
This may mean that the unit becomes less responsive or not responsive at all to handset commands. (See photograph 1 on page 16)

Loosen the antenna wire from the terminals on the receiver box
Direct the antenna wire away from the ignition cable and in the direction of the control box door.
Ensure there is no contact with metal components. Ensure there is no damage to the connection to electronic components or to the wire itself. (See photograph 1 on page 16)

Connect the wires correctly to the contact breaker behind the gas control block.
The shortest wire runs immediately back to the 1/0 switch and can be found nearest to the back of the gas control block. The longest wire runs to one of the two connections on the receiver box and only fits on one of the screws.

Do not tighten the contact breaker and the thermocouple connection too tightly on the gas control block or to each other.
It is sufficient to tighten by hand and add a half a turn with an open-end spanner. Tightening too much will break the connection to the magnetic coil below and/or the insulation around the aluminium contact pin in the contact breaker. This may lead to the magnetic coil not opening the gas supply to the pilot and the unit not working.

Do *not* extend the thermocouple supplied to the pilot set
Extending the thermocouple beyond its limit will lead to a reduction in voltage. This may, in turn, lead to the magnetic coil not being activated.

Prevent leakage of the ignition spark to parts of the installation other than the ignition rod at the pilot.
Ensure the ignition cable is not in contact with the shell or other metal parts. If a cable extension is used, ensure that connections are additionally insulated using silicone.

The receiver and the control units on the gas control block should be switched on to ensure automatic start -up through the manual transmitter.
The oval disk on the gas control block should be turned to the **ON** position. The **I/0** switch should be set to 1. See photograph 2. The ignition cable should be connected to the SPARK connection point on the receiver box. See photograph 1.

The manual transmitter has to communicate with the receiver. This has to be 'learnt'.
Press the RESET button using a blunt object. (See photograph 3.) Continue to press this button until you hear a short beeping sound, followed immediately by a long beeping signal. Release the button. Direct the manual transmitter towards the receiver and press the arrow down until you hear a long beeping sound. The gas control button will now move for a short period.
The manual transmitter has now learned the setting with regard to the receiver and the unit can now be ignited using the remote control.

The system's thermostat sensor is in the manual transmitter.
The manual transmitter operates best at a distance of 2 or 3 metres from the unit. Although communication occurs via short wave radio signals, it is recommended to place the hand transmitter in view of the gas apparatus in a place where the user wishes to experience a pleasant temperature. Do *not* place the manual transmitter in direct sunlight or other warm location. The thermostat measures the temperature and regulates the flame size of the gas unit accordingly.

⚠ **Only remove batteries using *non-metallic* tools.**
Removing batteries with a metal object may damage the electronic control permanently.

Photo 1

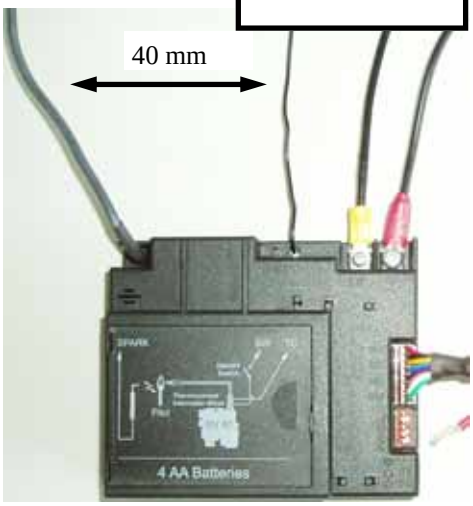


Photo 2

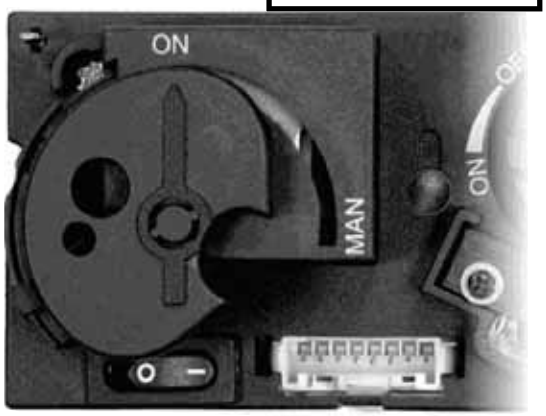
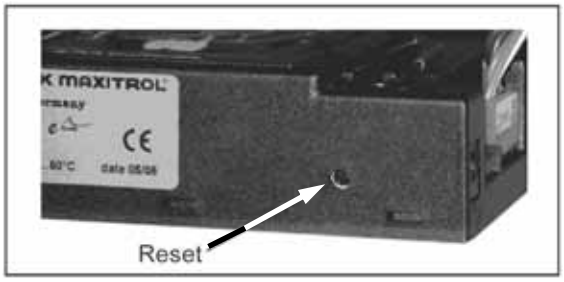


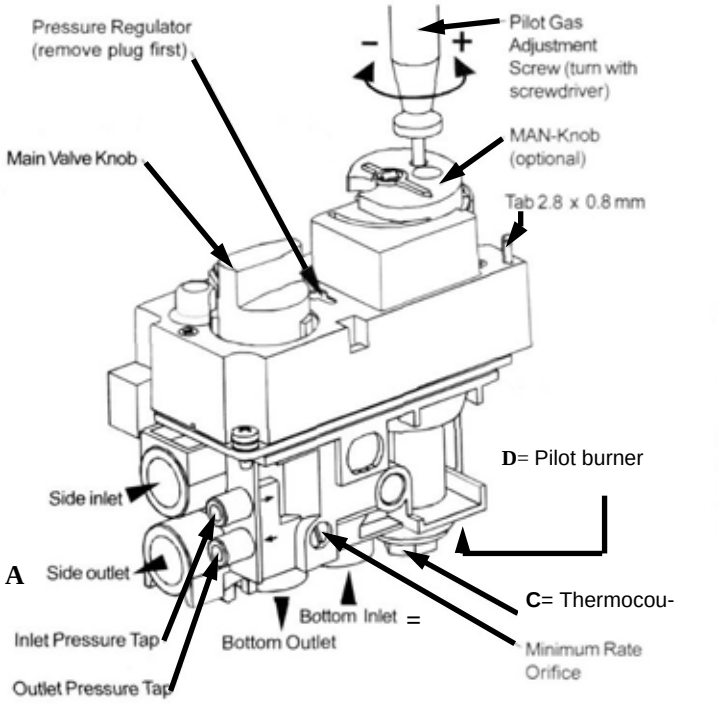
Photo 3

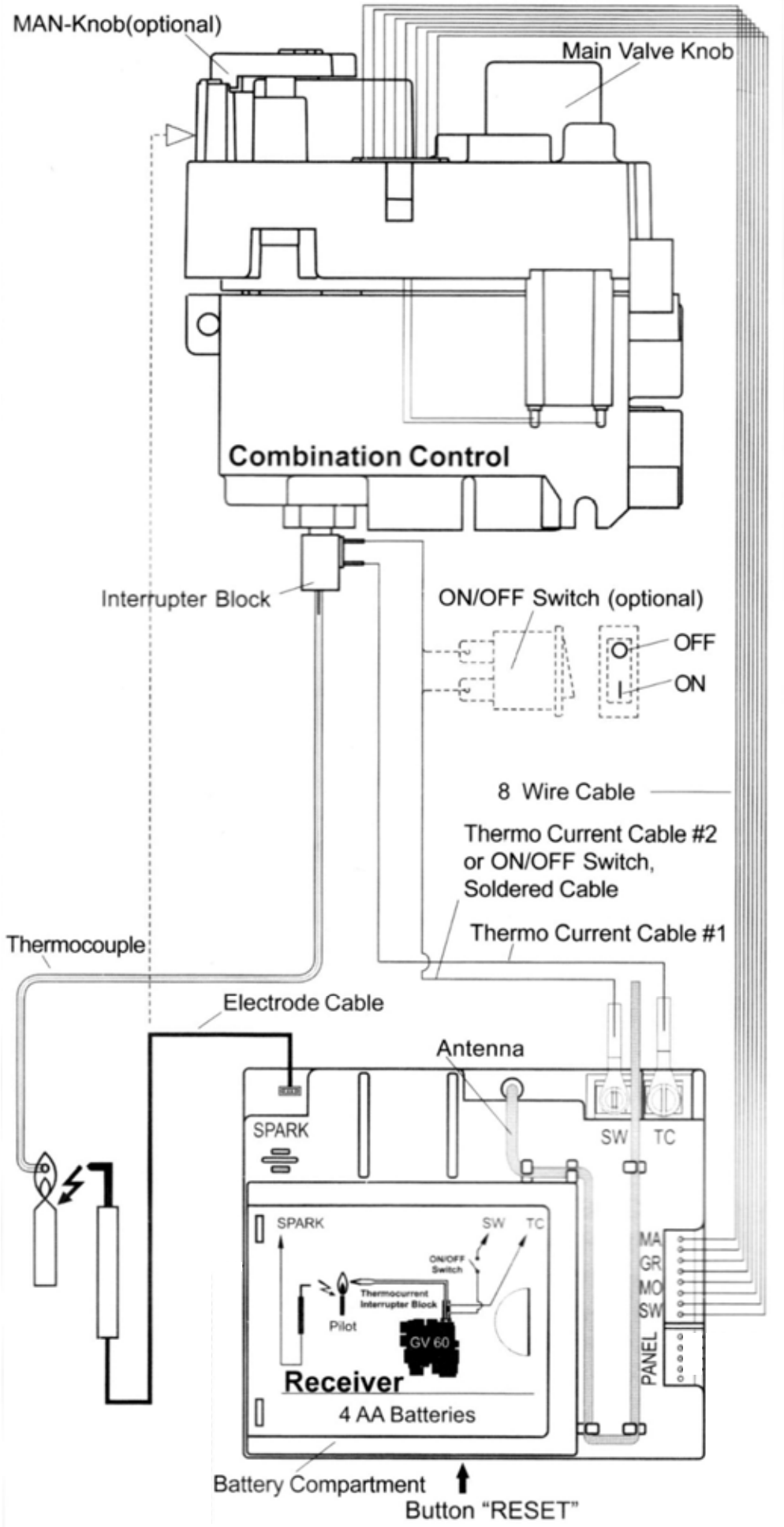


6. TECHNICAL DETAILS GV60

7

Model : Topper
Gas block type : Mertik GV60
Ignition : Distance operation and Piezo ignition
Gas connection : 3/8" (Internal) **A**=Gas intake **B**=Gas exhaust
C=Thermocouple connection **D**=Pilot burner
Unit category : B11As
Pilot flame : OP Seegas Oxipilot

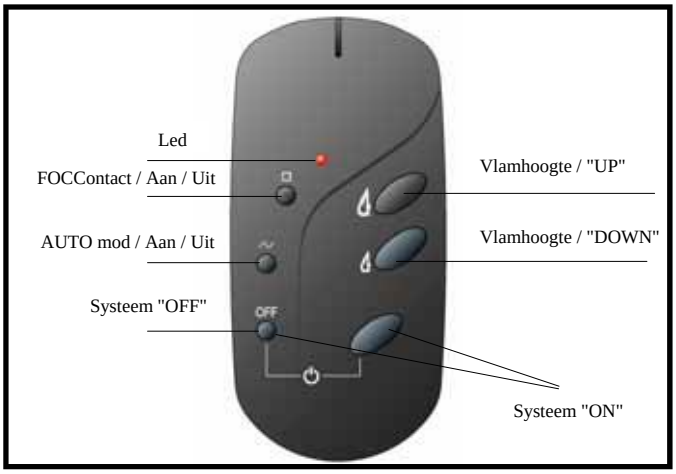



MAN-Knob(optional)
Main Valve Knob
Combination Control
Interrupter Block
ON/OFF Switch (optional)
OFF
ON
8 Wire Cable
Thermo Current Cable #2
or ON/OFF Switch,
Soldered Cable
Thermo Current Cable #1
Thermocouple
Electrode Cable
Antenna
SPARK
SW
TC
SPARK
SW
TC
ON/OFF Switch
Thermocurrent Interrupter Block
Pilot
GV 60
Receiver
4 AA Batteries
MA
GR
MO
SW
PANEL
Battery Compartment
Button "RESET"

7. OPERATING INSTRUCTIONS FOR THE DUNGS AB COMBINATION GAS REGULATOR

This regulator is fitted with a complete infra-red control system. This means that you can ignite the unit, smoothly adjust the flame height and extinguish the unit using the remote control.

7.1 Infra-red remote control and its operation



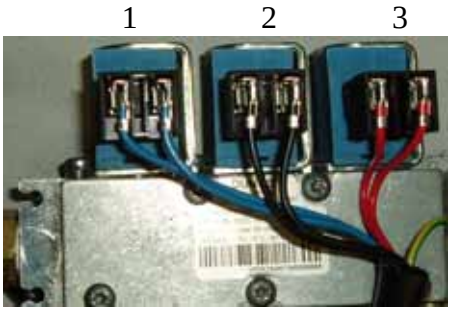
The infra-red remote control allows you to comfortably control the AB system. When in direct line of sight with the infra-red receiver, the remote control has a range of approximately 15m To start the system, press the buttons “ON” and “OFF” together for at least 3 seconds. The start-up process is indicated by a series of three short tones. After the flame has lit, it can be increased to the maximum height by pressing the “UP” button. Pressing the “DOWN” button reduces the flame to its minimum height. Pressing the “OFF” button for at least one second switches off the system and places the unit in “Stand By" mode. In the event of a fault in the unit (a red LED lamp lights on the receiver), the system can be reset by pressing the “ON” and “OFF” buttons at the same time for at least 3 seconds which will return it to the “STAND BY” mode. The “**Automod**” button starts automated adjustment of the system. When automated adjustment is selected, the power of the unit automatically reduces from approximately 80% to 20% and then increase from 20% back to 80% again within a set time interval. This function can be stopped by pressing the “Automod” button again or by pressing the “UP” or “DOWN” buttons. Depending on the individual specification of the unit, the **FOCContact** knob can be used. Pressing the button engages a transistor that enables external units with their own power supply to be switched on or off.

7.2 Igniting the gas fire.

Open the gas shut-off tap that has been fitted in the gas pipe leading to the unit. Now follow the steps described above in **“Infra-red remote control and its operation.”**

7.3 Basic system components (See page 18) 1 2 3

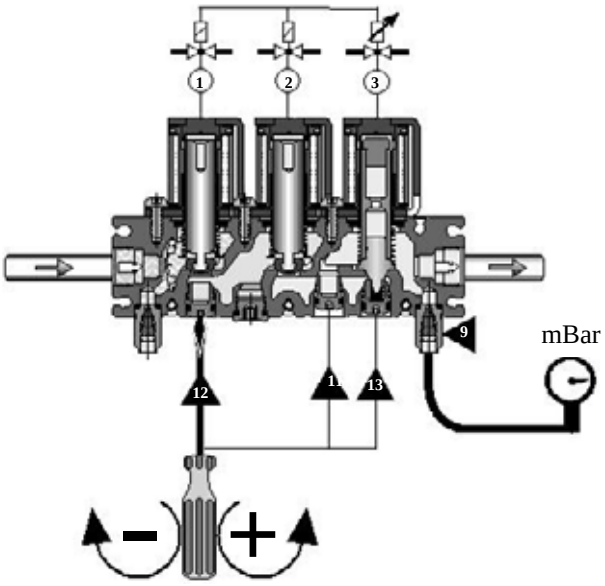
1: Modu box
2: Transformer (24 V)
3: IR receiver
4: Gas control block
5: Remote control
6: Wire harness



7.4 Connection to the gas regulation block wiring

1: Blue / Blue
2: Black / Black
3: Red / Red
4: Yellow-green

7.5 Adjusting the Gas regulation block (See adjustment values on pages 19 and 20)



Setting the flow rate - Low setting

A Connect manometer to pressure measuring point (9)
B Ignite the fire
C Set the flow rate by turning adjustment screw 11 with a screw driver.
- turn clockwise, to reduce "-"
- turn anti-clockwise, to increase "+"

Setting the flow rate - High setting

A Connect manometer to pressure measuring point (9)
B Ignite the fire
D Set the flow rate by turning adjustment screw 12 with a screw driver.
- turn clockwise, to reduce "-"
- turn anti-clockwise, to increase "+"

⚠ **After completing any work: Test for leaks and check operation.**

7.6 Connecting to the mains supply

The regulation equipment is fitted with an electronic control. Take into account the length of the cable when connecting to a power socket.

7.7 Chimney

If it is connected to a chimney that had previously been connected to a wood-fuelled fire, than the flue should be thoroughly and professionally cleaned as dirt can still become dislodged from the chimney when used with gas. The chimney will need to be cleaned again after a couple of months.

7.8 Warning.

* Only install the unit in a well-ventilated room.
* The gas unit is only suitable for installation in a non-flammable, fire resistant mounting.
* This is an open fire so you should not place any light flammable articles nearby: care should be taken with ny lon clothing.
* The exhaust gas outlet should have a minimum diameter that corresponds to the size of the connection.
* Protect all pipes (electric/gas) through a wall duct using a pvc tube and so forth.
* If there is a valve or slider in the exhaust gas outlet that allows the outlet to be fully or partially closed, this should be locked in an open position using a protector connected to the control.

8. ELECTRICAL AND GAS CONNECTION

8.1 Electrical connection.

The regulator is composed of various components which should be fitted in the correct manner. You need to provide the following:

* 230 V AC, 50 Hz power supply positioned near to the gas block fire.
* The plug and the power socket should be within reach at all times. Position the main components, namely the control cabinet and the gas regulator combination in a place that is easily accessed. The maximum permitted ambient temperature for all of these components is 60° C. The regulation box is simple to mount, for instance on a wall. Remove the cover plate from the regulation box by unscrewing the 2 cover plate screws. The regu lation box can be positioned on the assembly slots in the bottom of the regulation box.

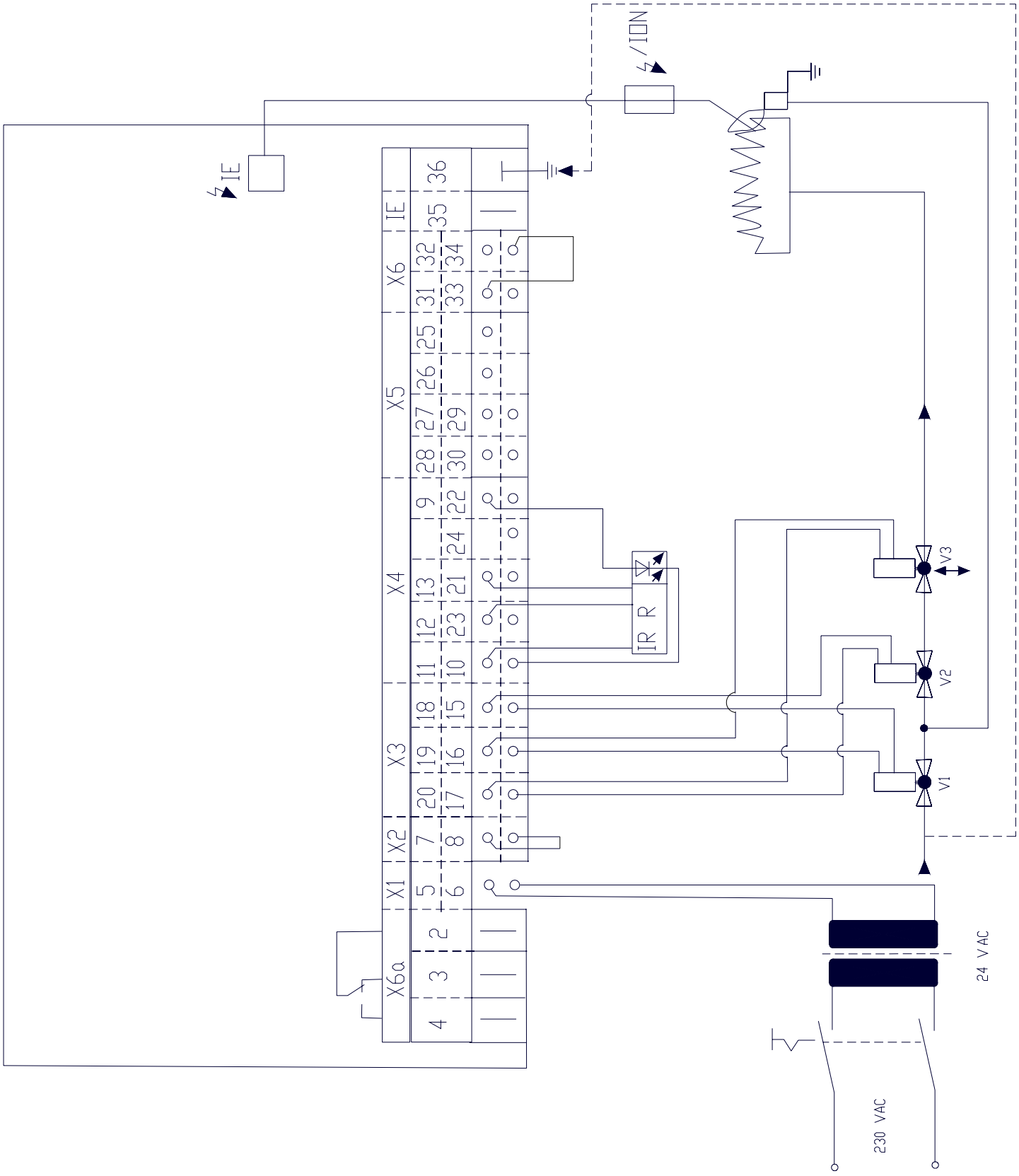
8.2 Order of installation: electrical connections.

* Connect according to local regulations.
* Determine the position for the control box and the gas regulation combination (pay attention to the maximum length of the wire harness).
* Check that the wire harness from the gas block is connected to the Modu box.
* The ignition cable should be passed through separately on its own. (excess sparking)
* Determine the position of the infra-red receiver (the lens should remain visible to the remote control)
* Insert the power cable into the wall socket.
* If used, connect the open position protector or GTP as shown in the wiring diagram. **(See page 16).**
* Ensure that the ground wire is properly connected. Without this connection, ionization current protection is not possible.

8.2.1 Basic Gas regulation combination

* For connections and attachments for the basic gas regulation combination **(See page 15)**.

BASIC DIAGRAM

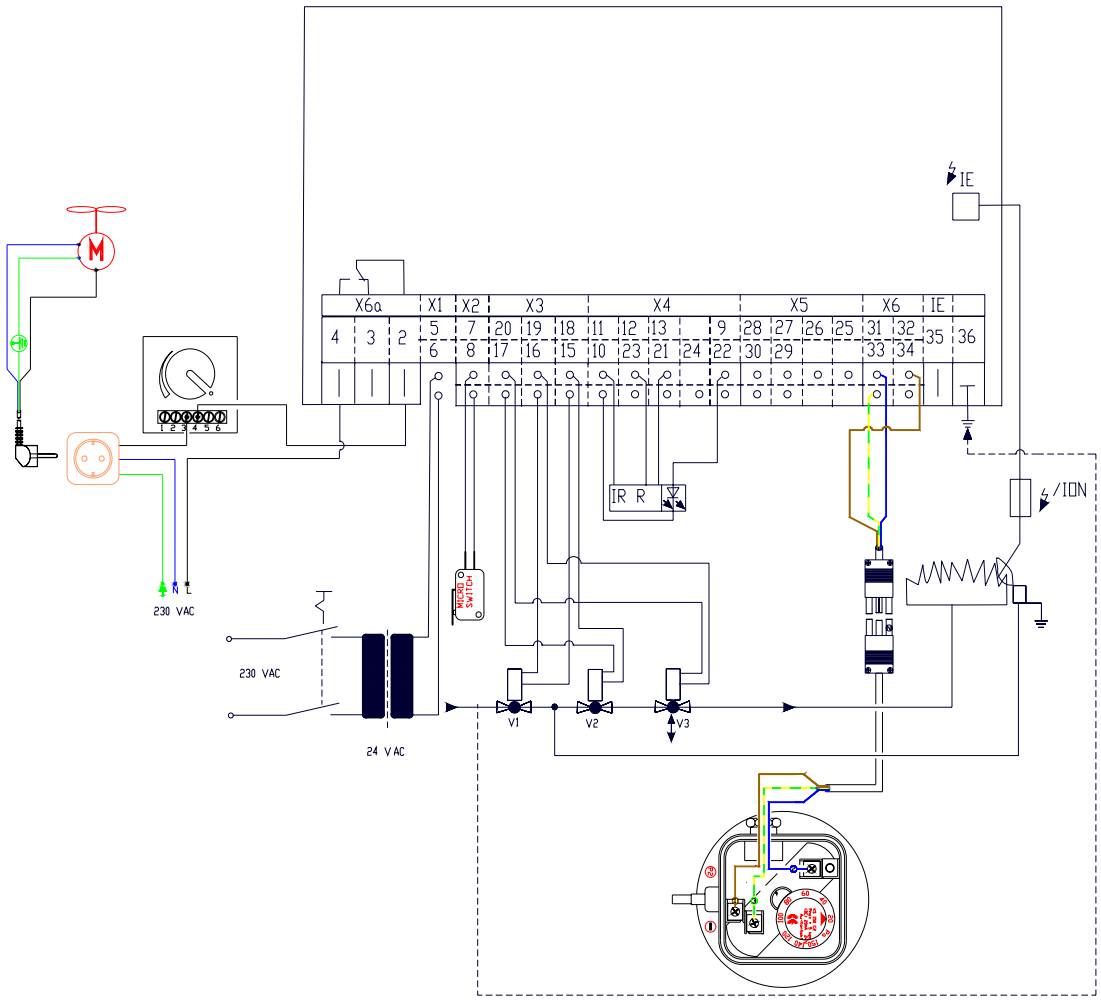


8.3 Optional protected air supply and combustion gas flue system for type II gas-fired block fires in naturally and mechanically ventilated homes.

* You can additionally connect an **air supply and combustion gas flue system**. The protection system is used in existing or newly installed type II block fires in open hearths which are set up in mechanically ventilated homes.

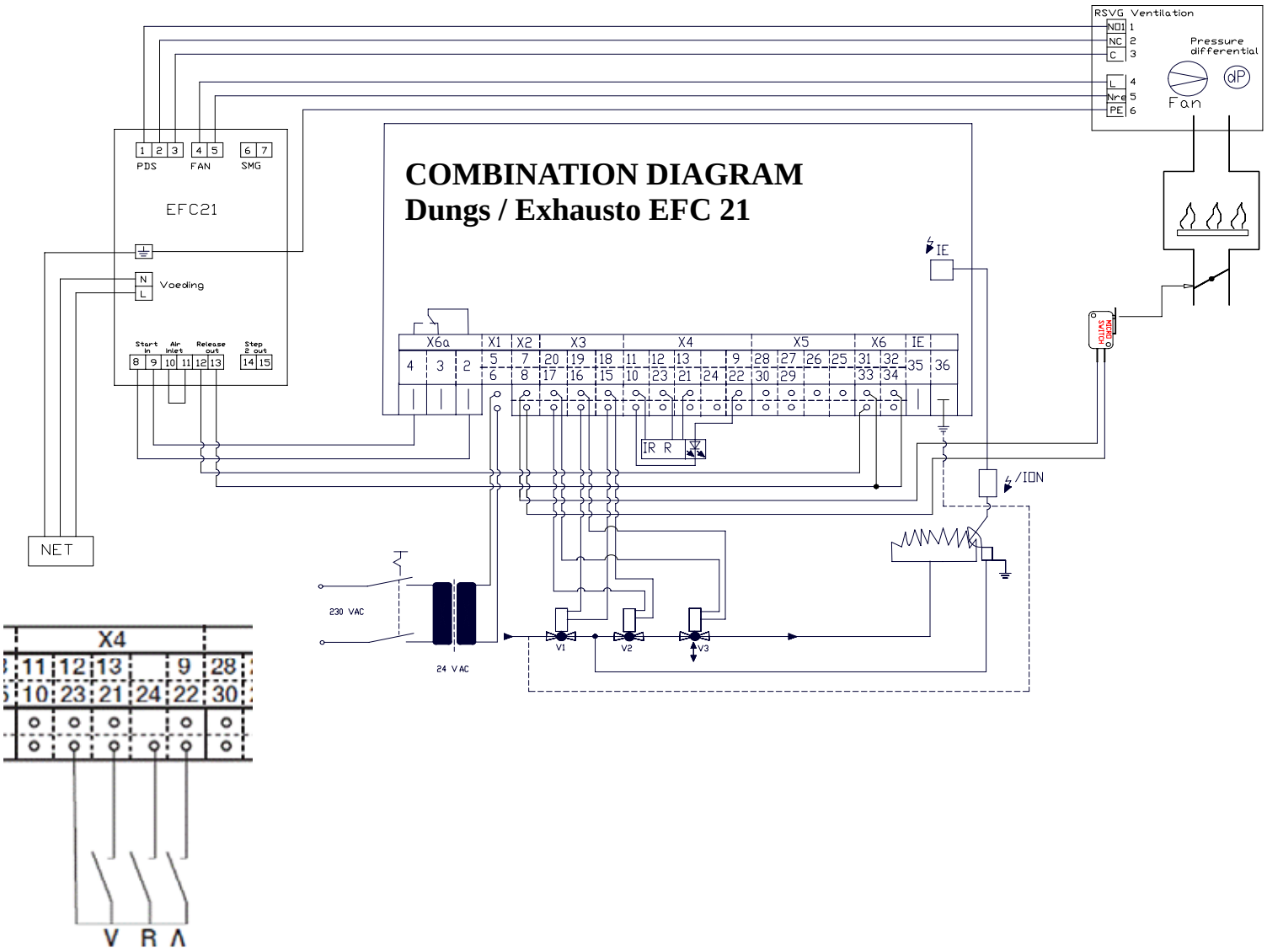
* The **combustion gas is extracted** mechanically by means of a protected exhaust ventilator.
This ventilator is fitted with current protection which in the event of insufficient flow in the exhaust vent intervenes in the gas supply to the unit.

* The **air supply** comes directly from outside the home through the exterior walls or by means of an air pipe through the ventilation cavity. The air supply should be locked in an open position. Gas can only be supplied to the unit if the supply grill is fully open. Ask your supplier about the options.



Protected air supply and combustion gas flue system for type II gas-fired block fires in naturally and mechanically ventilated homes. Exhausto EFC21 (See page 17)

* You can additionally connect an **air supply and combustion gas flue system**. The protection system is used in existing or newly installed type II block fires in open hearths which are setup in mechanically ventilated homes.
* The **combustion gas is extracted** mechanically by means of an **EFC21** exhaust ventilator. This ventilator is fitted with current protection which in the event of insufficient flow in the exhaust vent intervenes in the gas supply to the unit.
* The **air supply** comes directly from outside the home through the exterior walls or by means of an air pipe through the ventilation cavity. The air supply should be locked in an open position. Gas can only be supplied to the unit if the supply grill is fully open. See the instructions provided with the **EFC21**. Ask your supplier about the options.

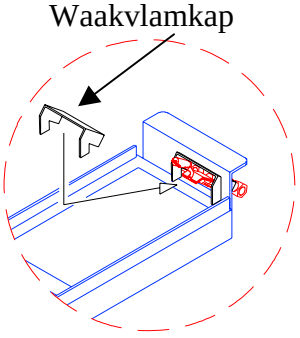


Operation using control knobs. (See pages 13 and 18)

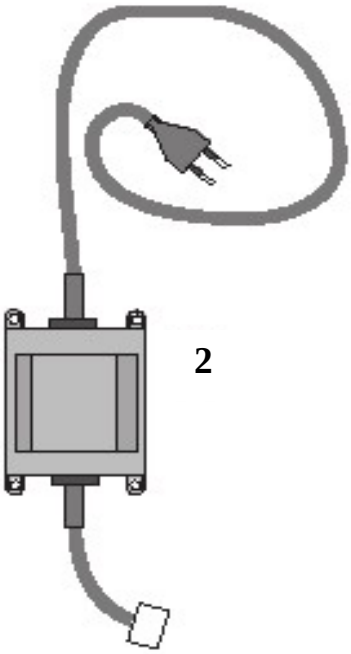
Three buttons are required for operation: - “UP” button – “DOWN” button – “RESET” button To start the system, press the “UP” en “DOWN” buttons together for at least three seconds. The start-up process is indicated by a series of three short tones. After the flame has lit, it can be increased to the maximum height by pressing the “UP” button. Pressing the “DOWN” button reduces the flame size to its minimum height. Pressing the “UP” and “DOWN” buttons again for at least three seconds switches off the unit. In the event of a fault in the unit, the system can be unlocked by pressing the “RESET” button and reset to the “STAND BY” state.

8.4 Gas connection

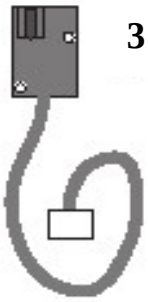
Mount the gas regulation combination in an accessible place near to the gas block fire (take account of the length of the connection cables). Use a 1/2“ gas tap with a connector. Fit a (ø12mm) gas pipe between the gas regulation combination and the Topper- Pilot flame cover burner. For model 9013 burner (B / P), mount the flexible gas pipe using the accompanying radiator connection and nosepiece by first exchanging the flare fitting for the accompanying nosepiece. Connect the pilot pipe and the ignition cable to the Oxy stop pilot flame. Also ensure that the gas pipe is free from dirt or sand. You should ensure that the various connection points are accessible. Ensure that the control equipment does not become twisted during installation and that there is no excessive tension during connection. After installation, check that the connections are gas tight. Position the pilot flame cover as shown after the pilot flame burner has been assembled. The pilot flame cover is not used on the 4525 and 9013 models.



Dungs gas regulation combination components



2

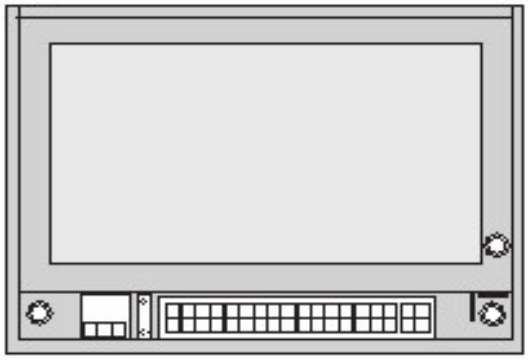


3

5

4

1



6

9. GAS TECHNICAL SPECIFICATIONS

		1060	1060	1061	1061	1062
GASTYPE		G20/G25	G30/31	G20/G25	G30/31	G20/G25
COUNTRY		NL/DE/BE/DK/GB/IE/ NO/ES/FR/	NL/DE/BE/DK/GB/IE/NO/ ES/FR/	NL/DE/BE/DK/GB/IE/NO/ ES/FR/	NL/DE/BE/DK/GB/IE/NO/ ES/FR/	NL/DE/BE/DK/GB/IE/NO/ ES/FR/
		GR/AT/CH/IT/PT/PL/CY/ LU/MT/RO	GR/AT/CH/IT/PT/PL/CY/ LU/MT/RO	GR/AT/CH/IT/PT/PL/CY/ LU/MT/RO	GR/AT/CH/IT/PT/PL/CY/ LU/MT/RO	GR/AT/CH/IT/PT/PL/CY/ LU/MT/RO
CATEGORY		I2l/I2ELL/I2H/I2E/I2E+	I3B/P/I3+	I2l/I2ELL/I2H/I2E/I2E+	I3B/P/I3+	I2l/I2ELL/I2H/I2E/I2E+
PRIMARY AIR		closed	3XØ16	closed	3XØ16	closed
PRE-PRESSURE	MBAR	20/25 Mbar	30/37 Mbar	20/25 Mbar	30/37 Mbar	20/25 Mbar
BURNER PRESSURE HIGH	MBAR	23,3/18,8	28,7/35	21,5/17,4	28,2/35,7	22/17,1
BURNER PRESSURE LOW	MBAR	2,8/2,6	6,2/8,4	7,6/6,0	7,4/8,8	6/4,8
INJECTOR BORE	Ø MM	2,50	1,50	2,90	1,60	3,00
INJECTOR CODE	CODE	seagas ODS NG	seagas ODS LPG	seagas ODS NG	seagas ODS LPG	seagas ODS NG
LOAD Hs	KW	12,3/13,3	11	17,77/19,3	13/12,9	17,66/18,6
LOAD Hi	KW	11,1/12	10	16/17,4	12/11,9	15,9/16,75
CONSUMPTION	M³/h	1,14/1,23	0,28/0,37	1,66/1,78	0,35/0,45	1,6/1,79

		1062	1063	1063	1064	1064
GASTYPE		G30/31	G20/G25	G30/31	G20/G25	G30/31
COUNTRY		NL/DE/BE/DK/GB/IE/NO/ ES/FR/	NL/DE/BE/DK/GB/IE/NO/ ES/FR/	NL/DE/BE/DK/GB/IE/NO/ ES/FR/	NL/DE/BE/DK/GB/IE/NO/ ES/FR/	NL/DE/BE/DK/GB/IE/ NO/ES/FR/
		GR/AT/CH/IT/PT/PL/CY/ LU/MT/RO	GR/AT/CH/IT/PT/PL/CY/ LU/MT/RO	GR/AT/CH/IT/PT/PL/CY/ LU/MT/RO	GR/AT/CH/IT/PT/PL/CY/ LU/MT/RO	GR/AT/CH/IT/PT/PL/CY/ LU/MT/RO
CATEGORY		I3B/P/I3+	I2l/I2ELL/I2H/I2E/I2E+	I3B/P/I3+	I2l/I2ELL/I2H/I2E/I2E+	I3B/P/I3+
PRIMARY AIR		3XØ16	closed	3XØ16	closed	3XØ16
PRE-PRESSURE	MBAR	30/37 Mbar	20/25 Mbar	30/37 Mbar	20/25 Mbar	30/37 Mbar
BURNER PRESSURE HIGH	MBAR	29/36	20/15,4	29/35,8	19,2/14,8	28,8/35,3
BURNER PRESSURE LOW	MBAR	13,3/16,8	6,6/5,4	18/21	4,9/3,8	15,5/18,6
INJECTOR BORE	Ø MM	1,70	3,60	1,80	3,70	1,90
INJECTOR CODE	CODE	seagas ODS LPG	seagas ODS NG	seagas ODS LPG	seagas ODS NG	seagas ODS LPG
LOAD Hs	KW	13,55/13,5	24,1/25,87	15,55/15,5	25,43/27,32	17,77/17,82
LOAD Hi	KW	12,5/12,4	21,7/23,3	14	22,89/24,6	16
CONSUMPTION	M³/h	0,43/0,47	2,23/2,4	0,48/0,53	2,4/2,6	0,56/0,62

AT	I2H, I3B/P	**BE**	I2E+ **,** I3+	**DK**	I2H, I3B/P	**DE**	I2ELL, I3B/P
FI	I2H, I3B/P	**FR**	I2E+, I3+	**GR**	I2H, I3B/P	**GB**	I2H, I3+
IS	I3B/P	**IE**	I2H, I3+	**IT**	I2H, I3+	**LU**	I2E, I3B/P
NL	I2L, I3B/P	**NO**	I3B/P	**PT**	I2H, I3+	**ES**	I2H, I3+
SE	I2H, I3B/P	**CY**	I3B/P,I3+	**EE**	I3B/P,I2H	**LT**	I3B/P,I2H
LV	I3B/P,I2H	**MT**	I3B/P,	**HU**	I3B/P,I2H	**PL**	I3B/P
SI	I3B/P,I2H	**SK**	I2H				

10. MAINTENANCE CHECK-UP

Fitter details:

Name	
Address	
Unit serial number	
Date of purchase	
Installation date	
Comments	

Service and maintenance logbook:

Service date	Performed by	Work activities performed

11. MAINTENANCE FAULT CHECKLIST.

Please note: whenever possible, turn off the gas supply and power supply during maintenance activities.
Maintenance activities should be performed by a qualified fitter.
Close the gas tap while maintenance activities are being performed

	Inspect		**Works**	**OK**
1	General inspection	a	The main burner should ignite smoothly (within several seconds) and not give a bang sound due to delayed ignition. Go to number 7 if the ignition appears to be delayed.	
		b	Check the appearance of the flame. The flame should not flicker. It should turn yellow after approximately 15 minutes; go to number 7 if the flame is blue in colour.	
		c	Check for excessive soot deposits on decorative parts. Go to number 7 if there is excessive formation of soot.	
2	Decorative parts (logs/pebbles etc.) and (pilot) burner	a	remove decorative parts and clean the burner (be careful with ceramic burners!) with a vacuum cleaner.	
		b	inspect decorative parts for damage/cracks/discolouration and clean with a soft brush if required.	
		c	check if the burner cover is intact and free of corrosion. Replace the burner if required.	
		d	after completing the inspection: replace decorative parts, exactly as stipulated by the manufacturer. Ensure the pilot burner is free from obstructions!	
		e	check if the pilot flame protection is intact (if applicable).	
		f	check the piezo for sufficient sparking power, and ensure that the ignition cable is free from metal parts/electrical parts.	
3	Ignition and operation of the main burner	a	check if the injector head is free from dirt.	
		b	check if the primary ventilation opening in the main burner is free from dirt.	
		c	Check the burner and whether it is in a good position in relation to the pilot burner. (if applicable)	
		d	check that the burner is firmly positioned and cannot move.	
		e	check if the pilot burner is burning well, with a steady blue flame	
		f	check whether the burner is uniformly igniting across the entire surface and without any significant delay.	
		g	check if the appearance of the flame is uniform and stable.	
		h	check the initial and burner pressure. Do not forget to close the pressure measuring points.	
		i	check whether the gas control parts are intact, and that plastic parts for example, have not melted.	
		j	check electrical wiring for damage and ensure that wires are positioned away from the hot areas of the unit.	
4	Installation	a	check whether there is a sufficient distance between the unit and any flammable furniture for instance.	
5	Flue tube/air supply	a	where possible, inspect the general state of the exhaust/supply system and check for blockages / leaks / corrosion.	
		b	check the outlet, which should be free from dirt and blockages.	
		c	specifically check for leaking cement borders, etc.	
6	Remote control	a	check for correct functioning of the remote control.	
7	Ventilators (if present)	a	clean the ventilators and check that they function correctly.	

12. INSTALLATION INSTRUCTIONS FOR THE TRANSPARENTE

Note.

The appliance must be installed, connected and inspected by a certified installer. The combustion air supply must comply with the applicable national or local regulations and be suitable for the appliance's thermal capacity. We advise at all events a fresh air supply of an unobstructed aperture size of 2 x 175 cm² to the underside of the device (via an open, recessed skirting board under the hearth or air vents in the fireplace for example). The supply of air should ideally be drawn from outside the home. The appliance must be inspected by the installer for leakage of gas and combustion products and correct operation of the various parts and functions. Correct operation of the flue pipe must also be checked.

12.1 Installing the appliance

As standard, the appliance can be installed as a stand-alone unit (see page 28).
The unit should be placed on a smooth, finished floor, following which the unit should be positioned at the desired height using the adjustable feet.

* Undo the locknuts a few turns in order to adjust the height via the adjustment screws.
* The brickwork above or in front of the unit can be supported by an optional steel support iron.
* Brickwork should not be allowed to rest on the appliance. The appliance must be able to expand freely.

Attention!
Make sure the appliance is installed at a safe distance from combustible materials!

12.2 Deflector plates

The deflector plate included with the appliance must be placed centrally in the appliance's flue gas extraction hood. The flue gas discharge opening can be adjusted using the adjuster screws. The screws make contact with the inner edge of the extraction hood, thereby creating the discharge opening between the inner edge and the deflector plate.

12.3 Gas supply connection

You can determine where the gas pipes will be placed, dependent on the layout. Ensure control equipment is not twisted during installation and there is no excessive tension. Accessibility of various connection points in relation to components needs to be maintained. After installation, check that the connections are gas-tight. Use a 1/2“ gas tap with a connector. Ensure the gas pipes are free of dirt and soil or sand and that the gas and combustion controls in the various components and all appliance functions operate correctly. The gas supply should only be connected up when the electricity supply is disconnected. Failing to do so may cause damage to the gas control equipment.

After completing any work: Test for leaks and check operation.

12.4 Chimney

* If connected to a chimney that has previously been used for a wood-burning fire, the flue should be thoroughly and professionally cleaned as soot can still become dislodged from the chimney when used with gas. The chimney will need to be cleaned again after a couple of months.

12.5 Warning.

* Only install the unit in a well-ventilated room.
* The gas unit is only suitable for installation in a non-flammable, fire-resistant configuration.
* This is an open fire so you should not place any easily flammable articles nearby: care should be taken with nylon clothing.
* The exhaust gas outlet should have a minimum diameter that corresponds to the size of the connection.
* All pipes and cables (electric/gas) that pass through a wall opening should be protected by a PVC pipe or similar.

13. Positioning the ceramic wood blocks TRANSPARENTE 73-100-120-140-160 AB

(See pages 26, 27, 28, 29, and 30)

Please note:

when installing the log inset and the various glowing materials and accessories, the following must be taken into account:

* There should be no glowing material in or on the pilot burner.
* Arrange the log inset composition as shown. In other words the blocks will have to be positioned in exactly the same way. An individual structure to ensure this will need to be used where required.
* Mix the glowing material (lava granules) and the “fusilli” (spiral-shaped ceramic material) and spread them evenly over the burner and the burner plate so that they are just covered. Glowing embers can be placed here and there as decoration. **NOTE**: the remaining material can be discarded. If you place too much glowing mate rial this can affect the burning process.
* Then place the logs in the correct order as shown on pages 26 to 29
* Carefully position the log inset.

⚠ ***Different positions may have a significant influence on the flame image or cause poor functioning of the burning process.***

14. Positioning the Pebbleset - TRANSPARENTE 73-100-120-140-160 AB(See page 30)

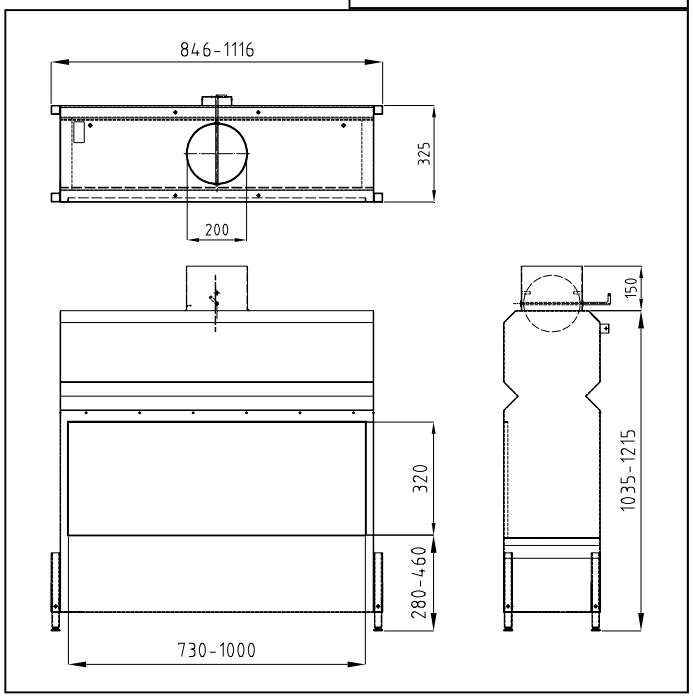
* Scatter vermiculite evenly over the burner tray. Make sure the pilot light remains unobstructed.
* Place a row of medium-sized and large pebbles at the front of the burner plate
* Fill the burner tray with small and medium-sized pebbles from the front to the rear. Place the pebbles as closely as possible to each other on the burner tray.
* Fill the rear of the burner plate with medium-sized and large pebbles.
* Replace the window, following the instructions for removing it in reverse order.

15. Positioning the Carrara stones - TRANSPARENTE 73-100-120-140-160 AB (See page 30)

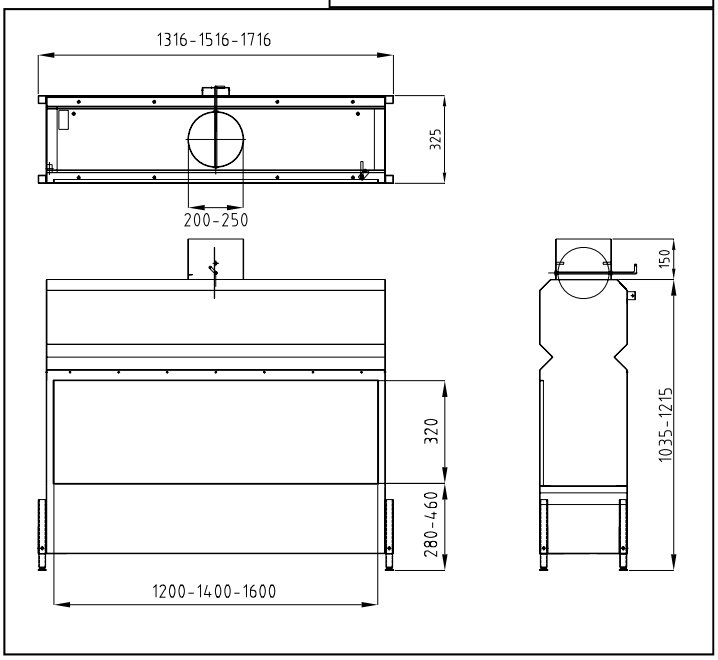
* Scatter vermiculite evenly over the burner tray. Make sure the pilot light remains unobstructed.
* Fill the burner tray neatly and evenly with the Carrara stones.
* Replace the window, following the instructions for removing it in reverse order.

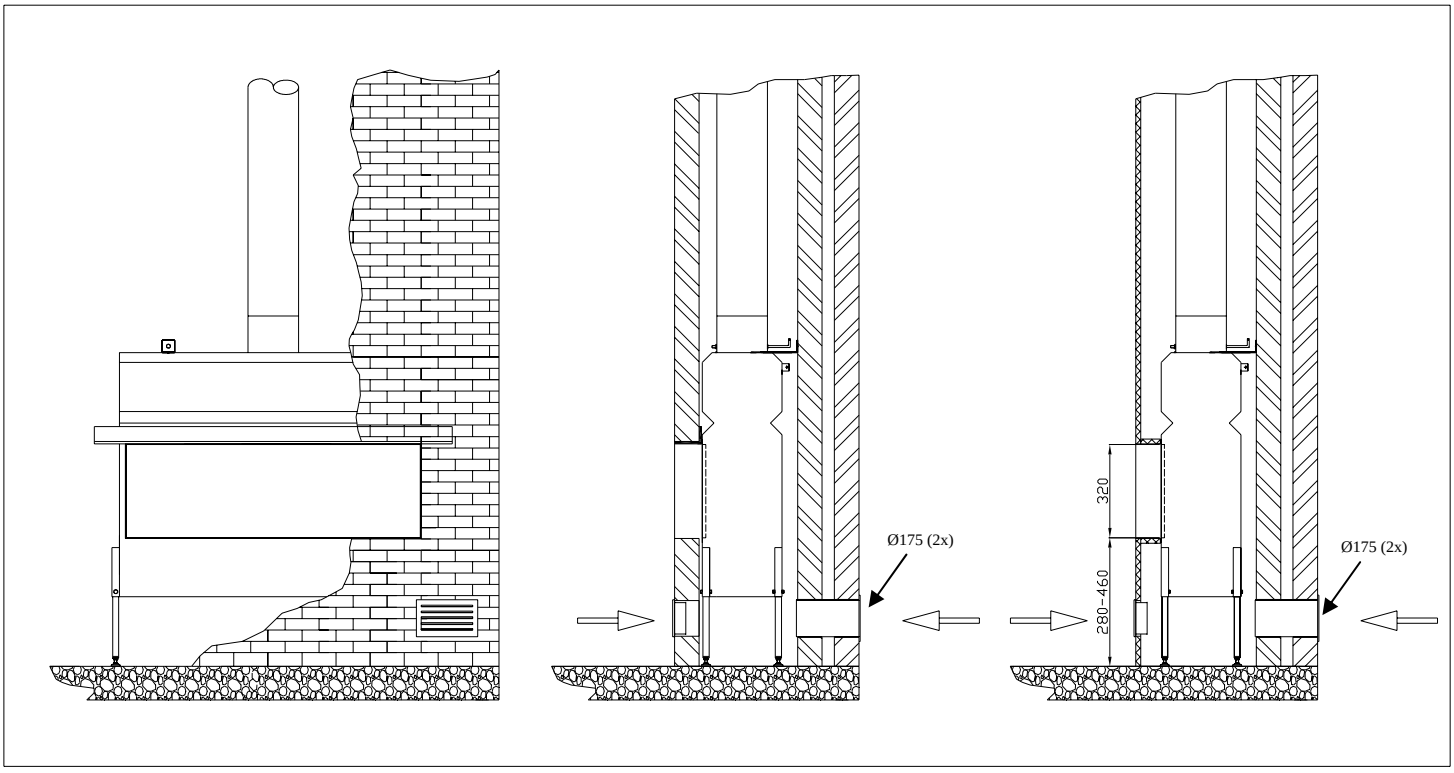
When the whole assembly is ready, you should perform a test-run ignition. Start the procedure as described in the operating instructions.

TRANSPARENTE 73-100

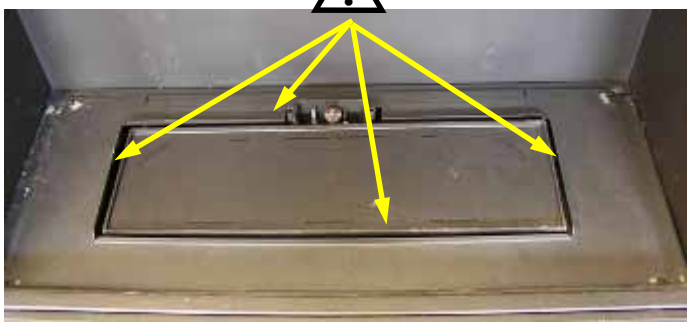


TRANSPARENTE 120-140-160

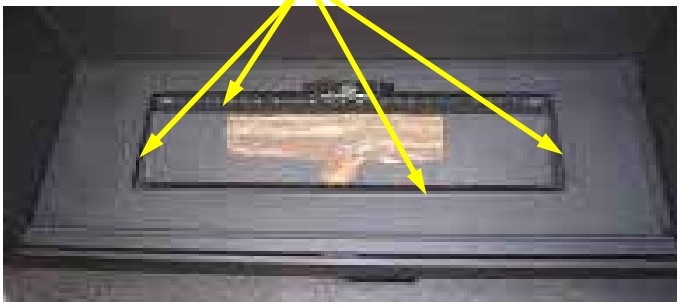




Transparente 73 NG



Transparente 73 B/P



Transparente 100 NG - B/P

Transparente 120 AB

Transparente 140 - 160 NG - B/P












Pebbles

Carrara