

KALFIRE

FIREPLACES

User instructions

 BALANCED-FLUE GAS FIRES

DON'T COMPROMISE.

Balanced-flue gas fires Kalfire G

G60/48F, G65/44C, G70/44S
G80/48F, G85/44C, G90/44S
G100/41F, G105/37C, G110/37S
G120/41F, G125/37C, G130/37S
G160/41F, G165/37C, G170/37S
for gas type: G20, G25 and G30

Balanced-flue gas fires Kalfire GP

GP60/59F, GP65/55C, GP70/55S
GP60/79F, GP65/75C, GP70/75S
GP75/59F, GP80/55C, GP85/55S
GP80/54T, GP85/50R
GP105/59F, GP110/55C, GP115/55S
for gas type: G20, G25 and G30
and
GP105/79F, GP110/75C, GP115/75S
for gas type: G20 and G25

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1. General information

The following sections provide general information about the gas fire:

- Foreword
- Pictograms
- Warranty
- iMatch interface compatibility

1.1 Foreword

About this manual

This user instruction has been written for the users of the gas fire. A separate Installation Manual accompanies this User Instructions. The user instructions should remain in the vicinity of the gas fire so that they are readily available for fireplace users.

The gas fire may only be installed by qualified technicians complying with all relevant national or local regulations. The current technology status, the provisions of the Building & Housing Inspectorate and the national and European regulations should be taken into account with regard to the installation work and the operation of the gas fire once fully connected.

Maintenance and repair work may only be carried out by authorised technical fitters.

Effective use

This gas fire has been designed as ambient heating and has not been designed to be used as the principal heating unit for part of a house or throughout the house.

The gas fire and accompanying remote control may only be used in accordance with the reason it was designed and after review of the Installation Manual and user instructions.

Modifications of whatever nature can also affect the safety of the gas fire. Alterations can nullify the warranty and the periodic inspection of the gas fire will come to lapse.

If the gas fire is not installed correctly, all warranty and/or damage claims against Kalfire will be declared null and void.

This gas fire has been tested and approved according to CE standard EN-613. Every gas fire that leaves the factory has been tested for technical and functional adherence to relevant quality standards in force.

This user instruction is available in various languages on www.kalfire.com, or through your installation bureau. All translated instructions have been translated from a Dutch instruction, which is the original document.

Disclaimer

All rights reserved. No part of this manual may be copied, distributed or translated into other languages, in full or in part, without the prior written permission of Kalfire. Kalfire reserves the right to make changes to the manual. Kalfire, however, cannot provide any warranty, implicitly or explicitly, for this

manual. Any risk is fully for the account of the user.

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The Netherlands

1.2 Pictograms

The following pictograms are used in this manual;



IMPORTANT Warning for flammable material. Mitigate the risk of an explosion by carrying out these instructions carefully in the vicinity of explosive materials.



DANGER! Warning for flammable material. Follow instructions to ensure that the possibility of fire thanks to the sudden ignition of flammable materials is prevented.



WARNING General warning. Mitigate the risk of injury by carrying out the instructions carefully.



CAREFUL! General warning. Mitigate the risk of material damage by following the instructions diligently.

1.3 Warranty

Kalfire products are manufactured with meticulous precision from premium materials. Despite this, should an error or defect become apparent, Kalfire will provide warranty coverage according to the following provisions.

Warranty conditions

1. The warranty period for Kalfire gas appliances amounts to two years from the procurement date, that must be clearly legible on the proof of purchase.
2. The two-year warranty period does not apply to discoloration of the paint on the flat or design rear or side interior, as a one-year warranty period applies in such cases.
3. The gas fire must be installed by a technical fitter approved by Kalfire according to the accompanying Installation Manual and in compliance with all relevant national and regional standards in force.
4. Kalfire assumes no responsibility for errors or defects related to the installation of the gas fire. Placing of the appliance, the quality and material choice of the finished product and a check as to the correct operation of the concentric flue duct system are the responsibility of the technical fitter approved by Kalfire.
5. The warranty covers no right whatsoever to compensation in the event that the appliance cannot be used.
6. Glass, tubing and rubbers as well as physical and chemical external influences during transport, storage or installation fall outside the scope of the warranty.
7. Should disruption occur within the warranty period caused by a manufacturing error or material defect, Kalfire will deliver the components needed for repair to the technical fitter of the gas fire, without paying compensation for dismantling or as-

- sembly.
8. Renewing or replacing components that fall under the scope of the guarantee do not extend the duration of the warranty.
 9. Should the technical fitter approved by Kalfire be unable to rectify the problem covered by the warranty, then he is entitled upon his own express desire to request Kalfire to assume responsibility for doing so (only valid in the Benelux, Germany and France).
 10. Verification or repair of an entire gas fire or parts thereof can only take place by appointment, after prior consultation between Kalfire and the technical fitter approved by Kalfire.
 11. A dated proof of purchase must be presented to Kalfire should a possible home repair service (only available in the Benelux, Germany and France) be carried out within the warranty period.
 12. In the event of home repair service outside the warranty period, material costs, working hours and call-out charges will apply.
5. Should deviation from the Kalfire specifications have occurred in any way or form during installation of the concentric flue duct system.
 6. Should deviation from the Kalfire specifications have occurred in any way or form during configuration of the decorative elements, including possible ceramic wood logs on the burner bed.
 7. Damage attributable to external causes (shocks, lightning, falling, flooding or overheating of the appliance) during transport, storage or installation.
 8. Should the appliance be impacted by neglect, improper use and/or gross negligence.
 9. If the repair or delivery of individual parts be carried out by another manufacturer or by a professional technical fitter who has not been approved by Kalfire.

The warranty is not applicable in the following circumstances:

1. If the warranty provisions have not been complied with, in part or in full.
2. If alterations to the appliance have been brought about without Kalfire's written permission to do so.
3. If the appliance passes into new ownership.
4. If the appliance has not been fitted according to the Installation Manual and/or has not been used according

1.4 Compatibility iMatch interface

The iMatch interface enables the appliance to be operated by an external application such as a tablet or smartphone. The iMatch interface ensures that connection is made between the local Wi-Fi network and the appliance. In some cases it can happen that the interface does not function adequately. This can be caused by insufficient coverage (signal) by the Wi-Fi network or because the appliances connected to one another (including telephone, tablet or router) are incompatible.

The iMatch interface and your external

appliance must be connected to the same router (through the same network). The Wi-Fi signal can be checked in advance and can be improved if required. With regard to the huge diversity of appliances, their compatibility can regrettably not be confirmed beforehand. Only after installation of the interface can compatibility be confirmed. Kalfire accepts no liability for the non-functioning, or insufficient functioning, of the iMatch interface as a consequence of the cause described above.

2. Safety

The following sections provide safety information about the gas fire:

- Safety regulations for decorative elements
- Safety related to use
- Three safety measures for the gas fire

2.1 Safety instructions for decorative elements

FIRE HAZARD! The decorative elements must be placed according to the instructions. It is prohibited to alter the number of decorative elements or the configuration thereof. Such alterations can lead to hazardous situations in terms of fire safety.

WARNING The ignition or ionisation rods must be left uncovered. Ensure this is the case when placing the decorative elements. Careless decoration of the gas fire can cause incorrect ignition, an error code (08A or 08F) or a hazardous situation.

WARNING If the fireplace is delivered with the Natural Spark Generator, the adhesive tape with which the iron filter cap has been secured should be removed during installation. During installation of the fireplace components, the filter cap is covered with a ceramic wood log or a piece of ceramic charcoal (depending on the Kalfire GP model).

CAREFUL! During operation of the appliance, small hairline cracks may develop in the ceramic logs. These have no negative impact on the operation or flame profile of the appliance. Hairline cracks do not fall under the warranty.

CAREFUL! When heated, the gas fires's internal metal lining can expand. This can cause the layer of paint on the metal to deform, resulting in damage or imperfections. The spray paint supplied with the gas fire allows any paint damage to be fixed.

2.2 Safety related to use

There are risks attached to using a gas fire. The temperature of all visible parts of the gas fire can rise steeply and there is a risk of fire or combustion. Be sure that the following safety precautions have been taken:

WARNING: The gas fire needs a permanent power supply. When interrupting the power supply, previously stored errors are deleted. Interrupting the power supply regularly affects the safety provisions, which can result in dangerous situations.

Fire hazard

WARNING Make sure that **flammable materials** such as curtains and furniture are at least 100 cm from the fireplace. If a fireguard is used, this distance must be at least 40 cm.

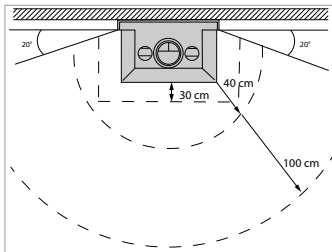


Fig. 1: Safe zone

WARNING Should the floor in front of the fireplace consist of combustible material and the distance from the underside of the combustion chamber to the floor be smaller than 10 cm, a heat-resistant fire-guard floor plate larger than 30 cm or a stone should be placed.

Danger of combustion

FIRE HAZARD! Do not touch the appliance! The gas fire is hot when switched on or just switched off. Ensure extra safety precautions and safety measures if less able-bodied persons, elderly people and/or children have access to the fireplace. Only the remote control and the technical unit can be used without fear of danger due to combustion.

Danger caused by fumes or gas leaks

DANGER OF EXPLOSION! Fumes and/or gas leaks can cause life-threatening situations. Fumes can be the cause of carbon monoxide poisoning and gas leaks are an explosion risk.

If you notice fumes or gas, take the following precautions:

1. Switch off the gas fire.
2. Close the main gas valve.
3. Open windows and doors.
4. Advise an approved installer of the issue.



DANGER OF EXPLOSION! Should damage occur, close the gas valve. Do not use the gas fire if a glass panel is cracked, is not in place or incorrectly mounted.


The gas fire needs a permanent power supply. Interrupting the power supply can impact safety precautions.

The risk of discolouration



CAREFUL! After the convection system of the fireplace has been heated, air particles, cigarette smoke, candles and oil lamps can cause discolouration of walls and ceilings. Ensure sufficient ventilation in the room in which the gas fire is installed.

2.3 Three safety measures for the gas fire

1. **The flame is detected due to electronic ionisation measurement**
Should the gas fire be unable to detect a flame during ignition, the gas supply will be interrupted for one minute. A new ignition attempt will follow automatically. To interrupt automatic ignition attempts: Press the  button to switch off the fireplace directly and depress this button for approximately 10 seconds.

2. 24 hour security

The appliance will stay in a blocked position if no flame is detected after three automatic ignition attempts (error code 08A). The block will take effect after one ignition attempt with gas type G30. This block can twice be unlocked manually with the remote control. If no flame is detected after two manual releases, the appliance will remain blocked for 24 hours (a 'lock-out', code 08F). In that case, you may not use the gas fire for 24 hours.

3. Overpressure protection

The gas fire is equipped with overpressure protection to minimise risk. Should explosive ignition occur, the glass panel on the front topside will open to reduce the pressure.

3. Description

The following sections describe the gas fire:

- Description of the gas fire.

3.1 Gas fire description

Kalfire gas fires are internationally renowned for their realistic, enchanting flames. Kalfire appliances are easy to operate and maintain. Kalfire balanced-flue gas fires are equipped with an innovative Prestige or 3D burner, enhancing their environmental friendliness, sustainability and economy.

Balanced-flue gas fires

The patented Prestige burner radiates a realistic impression of wood fire. The Prestige burners are integrated in the ceramic log sets stacked in the appliance in pyramid form. This creates the impression of a high and voluminous flame pattern.

The Kalfire GP can be delivered with the Natural Spark Generator (optional). This ensures that sparks emanate from the burning flames in a natural manner, and continue to burn slowly. This spark generator option is mounted inside the gas fire during manufacture by Kalfire and cannot be added at a later stage.

The Kalfire GP can also be delivered with an optional hybrid function. The gas fire's fuel bed is equipped with LED lighting that simulates a bed of natural embers. The lighting generates an atmospheric imitation of the glow of a real wood fire. The hybrid function can

also be switched on separately without engaging the Prestige burner.

The Kalfire G with a 3D burner generates an elongated and horizontal flame pattern, well suited to a modern household interior. The 3D burner offers a particularly attractive and true-to-life flame pattern. Kalfire G gas fires are delivered with a standard or optional luxury ceramic log set, white stones, grey pebbles or cryptonite.

Smooth transition between gas fire and surround

The balanced-flue gas fires are easy to align with the household interior during installation. The gas fire stone, often made from natural stone, can continue along the outer edge of the gas fire with the help of stone supports. The side walls can be fluidly finished in the surround of the gas fire. The back wall can be extended to outside the gas fire, meaning the metal lining remains invisible.

Operation

The balanced-flue gas fire can be operated with the iMatch remote control as standard. This enables the gas fire to be switched on or off and the height of the flames can be adjusted. A choice can be made from eight modes as well as an ECO-line. The ECO-line automatically generates a varied and alternating flame pattern. This reduces gas use considerably.

If the house is equipped with a home automation system, then operation of the appliance can be integrated

into that system. The gas fire can also be controlled by the iMatch App on a smartphone or tablet. This is only possible if the gas fire is equipped with the optional iMatch interface, that serves as the receiver.

4. Operation

The upcoming sections provide information about the use of the gas fire:


- Replacing the batteries
- Using the iMatch remote control
- Setting the day and time
- Confirming the transmission strength
- Switching the gas fire on and off
- Adjusting the flame intensity
- Selecting the thermostat or manual operating programme
- Regulate the flame intensity by thermostat
- Programming time segments
- Programme choice for the hybrid LED lighting
- Activate/deactivate the hybrid LED lighting and adjust
- Set the Natural Spark Generator
- Filling the Natural Spark Generator
- Configuring the iMatch app
- iMatch app settings
- Resetting the iMatch interface
- the iMatch app through the iMatch interface

4.1 Replacing the batteries

Insert or replace the remote control AA batteries.

A battery compartment is located at the rear of the remote control. This can hold two AA batteries. If the batteries are almost flat, the battery icon becomes visible or all symbols on the display start to flash. Follow the steps below to replace the batteries:

1. Slide the compartment cover down.
2. Remove the batteries (if in place).

3. Place the two batteries on the compartment floor as indicated.
4. Close the compartment cover.
5. Press the  centre button and the display will light up.

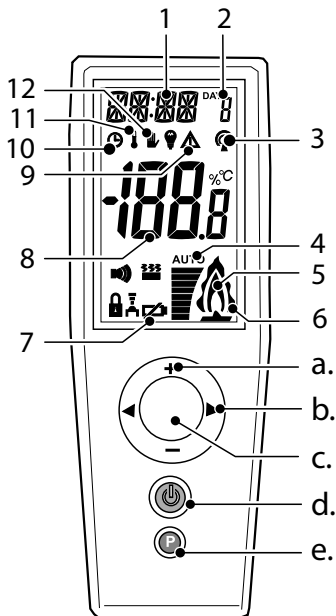
4.2 Using the iMatch remote control

Range of the RF signal

The iMatch remote control uses a radio-frequency (RF) signal to transfer information to the gas fire. The RF signal is a safe signal for wireless communication. The signal has a range of approximately 10 metres as long as there are no obstacles between the remote control and the gas fire. Obstacles such as walls and/or furniture can negatively impact range. In some cases, it can happen that the gas fire takes longer to react. If the screen of the remote control illuminates after a button is pressed, this indicates that the RF signal has been sent.

Key of symbols:

1. Indicates the time and status when switching the appliance on or off:
 - OK - the fireplace is switched on.
 - WARM - the ignition programme has been activated.
 - WAIT - the ignition programme is starting up.
2. Day of the week in numbers (1-7, Monday is 1).
 - a. (glow lamp) Indicator for the LED lighting.
3. RF-signal, a flashing icon indicating that the appliance is beyond the reach of the remote control.
4. flame intensity indicator (hybrid fire)



Buttons:

- + and - buttons
- Left button ◀ and right ▶
- Centre button ○
- On/off button ⏻
- Parameter configuration button P

4.3 Setting day and time

Setting day and time.

Carry out the following steps to change the day and time settings:


- Hold down the **P** button until the time display starts flashing.
- Change the hour with the **+or-** button and confirm the change by ○ pressing the centre button. The minutes will then begin to flash.
- Change the minutes with the **+ or -** button and confirm the change by ○ pressing the centre button. The number indicating the day of the week will then begin to flash (1 = Monday).
- Change the day with the **+or-** button and confirm the change by pressing the centre button. ○
- To exit the parameters menu, press **P**.
- Wait for 30 seconds while the information is transmitted.

4.4 Checking transmission strength

Carry out the following steps in order to modulate transmission strength between gas fire and the remote control.





- Press **P** until the transmission strength flashes at the top left of the display.
- Press the right button until RFCK appears in the display.

- The flame is ignited if the icon is alight, if this icon is flashing one of the following notifications requires your attention: heat adequacy, ignition attempt or reignition attempt.
- The ECO mode is activated.
- Batteries are flat.
- Room temperature and other notifications such as disruptions.
- Warning signals related to disruptions.
- Time segments
- Thermostat mode.
- Manual programme (default mode).

- Walk around the appliance at a distance of 3 to 4 metres to measure the RFCK. If the RFCK shows a value of 4, the transmission strength of the remote control is good. If the value shows as 2 or 3, the RFCK values are acceptable. Transmission strength is insufficient at a RFCK value of 1.
- Confirm with  to exit the menu.

4.5 Switching the appliance on and off


Carry out the following steps to turn the appliance on or off:

- Press  until the >OK< icon in the display appears and starts to flash.
- Continue to press  and then press briefly on  to activate the ignition programme.
- Release both buttons.
The word >WARM< will flash at the top left of the display as confirmation of activation.
- Wait a number of seconds until you hear a beep and the word >WAIT< appears. The ignition programme will start and the burner will automatically ignite after approximately 20 seconds.
- Wait until you hear a second beep.
The word >WAIT< will stop flashing after the ignition programme.
- The gas fire flame is alight and operational.
- Press for approximately two seconds  to extinguish the gas fire flame.

4.6 Setting the flame intensity

The height of the flames can be adjusted from high to low and is indicated on the display by numbers 1 through 8. The




flame intensity can also be displayed by the flame intensity indicator.

The ECO mode has a modulating effect on flame intensity (higher or lower). This accentuates the visual effect and user comfort of the flames, while reducing the fire's heat emission and gas consumption by approximately 40%. Use the remote control to set the flame intensity in "ECO mode" to 9, after which the double flame icon  will display on the screen. Adjust the flame intensity as follows:

- Press + or - to adjust flame intensity.
- Release the + or - button.
- Press the + button until the number 9 appears to switch on the ECO mode.

4.7 Selecting the thermostat or manual operating programme

The flame intensity and the resulting room temperature can be adjusted by setting the remote control in manual or thermostat mode. To ensure an accurate temperature reading, make sure the remote control is outside of the fire's radiation range. For security reasons, the thermostat mode will be automatically switched off after 24 hours. If the flames in the gas fire have been switched off, the programme will restart in manual mode automatically when next switched on.

- By pressing **P** until the icon for thermostat  or manual mode  begin to flash.
- Press **P** again to select the icon of your choice.
- Briefly press  to exit the menu.







4.8 Setting the flame intensity by thermostat

The remote control measures the temperature and the flame intensity is modulated accordingly. To ensure an accurate temperature reading, make sure the remote control is outside of the fire's radiation range.



1. Select the thermostat programme as indicated in paragraph [Selecting the thermostat or manual operating programme on page 18](#).
2. Press the button with the + or with the - so that the temperature indicator on the display starts to flash.
3. Set the desired temperature with the + and - buttons.
4. Wait for 10 seconds before using the remote control to save the set temperature.

4.9 Programming time segments

The thermostat function can be combined with a timer programme that allows for up to three time segments to be programmed. These are indicated by switch-on times ON 1, 2, 3 and switch-off times OFF 1, 2, 3. The set programme will run daily.

1. Check if the hand transmitter is set at the right time (if you are not happy with the time, see: [4.3 Day and night settings](#))
2. Press the **P** button (hold down briefly).
3. Let go of Button **P** when the time starts to flash in the top left-hand corner of the display.
4. Press the right button  to display "TCOM" (temperature comfort). TCOM indicates the maximum temperature during all set time segments.
5. Set the desired temperature with the + or - buttons at increments of 0.5°C.
6. Confirm by pressing the  (centre button).
7. "TECO" (temperature ECO) will now appear in the display. TECO is the minimum temperature between the time segments. This minimum temperature will be maintained all day with the exception of the set time **segments**.
8. Set the desired temperature with the + or - buttons at increments of 0.5°C.
9. Confirm by pressing the  (centre button).
10. Press the right button , so that a flashing time in hours and minutes appears in the top left-hand corner, while "ON 1" appears in the middle of the display (this is the first "on" time).
11. Use the + and - buttons to set the first "on" time at increments of 15 minutes.
12. Confirm by pressing the centre button  if you are happy with the time.
13. "OFF 1" will then appear (this is the first "Out" time).
14. Use the + and - buttons to set the first "out" time, at increments of 15 minutes.
15. Confirm by pressing the  button.
16. Programme the other times in the three segments in this way; should you not require all time segments, these other segments should be set



at identical switch-on times.

17. Press **P** to exit the programme.
18. The  and  icons on the remote control indicate that the time segments have been programmed.

4.10 Programme choice for the hybrid LED lighting

If the gas fire is equipped with a hybrid LED lighting function, it is possible to vary the lighting effects. The different parameters controlling the LED lighting allow the oscillation, intensity and colour to be set. In every programme, selection of the word "AUTO" provides the highest and clearest lighting intensity.

Carry out the following steps to adjust the LED lighting programme:

1. Press the right button  until a "P1, P2 or P3" appears in the middle of the display.
2. Press  a number of times until the

desired "P" programme is displayed.

3. Wait until the home screen appears.

4.11 Activating/deactivating the hybrid LED lighting and adjusting the lighting intensity

If the gas fire is equipped with hybrid LED lighting, it will be automatically activated as soon as the fire is turned on. The number of horizontal bars at the bottom of the screen indicate the level of brightness of the LED lights. LED lighting can also be activated when the fire is not on. Carry out the following steps to activate only the LED lighting:




1. Press  to turn on the screen.
2. Press the right button until "P1, P2 or P3" appears in the centre of the screen.
3. Press  to activate the LED lighting or increase its intensity.
4. Press  to deactivate the LED


Table: LED programme

Programme	Reacts to	Light clear variation
P1	Setting AUTO and Modulating between high and low	10% to 90%, fading reddish LED colour.
P2	Setting AUTO and Modulating between high and low	10% to 90%, yellowish and reddish LED colour, alternately on the left and right-hand sides of the appliance.
P3	Setting AUTO and Modulating between high and low	Combination between Programme P1 en P2

lighting or decrease its intensity.

4.12 Setting the Natural Spark Generator

If the gas fire is equipped with a Natural Spark Generator, lifelike sparks will be produced when it is alight. The higher the flames, the more sparks there are. The gas fire must be alight for some time before the Natural Spark Generator can produce sparks. This is why the appliance only activates the Natural Spark Generator after it has been operating for 10 minutes. The user can set a time interval with the remote control. The last Natural Spark Generator programme selected is saved when the gas fire is turned off. Carry out the following steps to set the time interval:

1. Press the forward right button ► to access the Natural Spark Generator programme.
2. At the top of the screen, the word "SP0" (or another previously-set value) will appear in the display.
3. Press the + or - buttons to change the Natural Spark Generator programme. (SP0 t/m SP8).
4. Briefly press  to exit the menu.

Settings:

- SP0 = Natural Spark Generator is switched off; no sparks
- SP1 = 1 spray of sparks per hour.
- SP2 = 2 sprays of sparks per hour.
- SP3 = 3 sprays of sparks per hour.
- SP4 = 4 sprays of sparks per hour.
- SP5 = 5 sprays of sparks per hour.
- SP6 = 6 sprays of sparks per hour.
- SP7 = 10 sprays of sparks per hour.
- SP8 = random sprays of sparks, one per minute

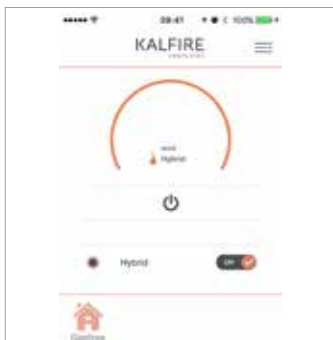
4.13 Fill the Natural Spark Generator

The Natural Spark Generator system contains a cartridge of powder (Natural Spark Powder) on delivery. Use the instruction delivered with the new powder for refilling the Natural Spark Generator.

4.14 Configure the iMatch app

First connect your iMatch-interface to the local network, before the iMatch is configured.

1. Download the iMatch app uit de App store (Apple) of Play store (Android).
2. Open the Wi-Fi settings on your phone or tablet.
3. Select the Wi-Fi network named "Kalfire".
4. Open the iMatch app.
5. Click on "Settings" in the top right corner of the screen as depicted in



the figure.

Fig. 3: Configure the iMatch app

6. Click on "Wizzard" and follow the instructions on the screen.
7. Click on the colour corresponding with the LED on the searched iMatch interface.
8. Click on the grey area to assign a name ("living room" for example).
9. Provide your local Wi-Fi network's name and password. Careful, name and password are case sensitive.
10. The iMatch interface must be reset, if the name or password do not correspond. See: [Resetting the iMatch interface on page 22](#).
11. Check the box in case the gas fire is a hybrid (you can check this on the model figure).
12. Wait 40 seconds while the wizzard is shutting down and the Kalfire logo becomes visible.
13. Reconnect with your Wi-Fi network (in most cases happens automatically).
14. Control the fireplace with the iMatch app when the green LED lights up on your iMatch interface.
15. Repeat step 5 to 14 for a maximum of four fireplaces, if you want to control multiple fireplaces with the iMatch app.

4.15 iMatch app settings

In the iMatch app settings menu you can select the following:

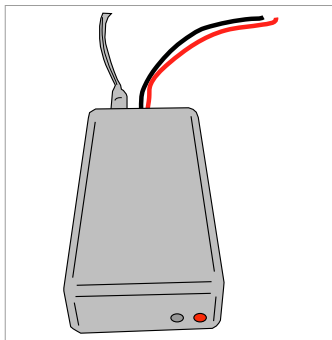
1. Language : Click on language and select the desired language. U will automatically return to the settings screen
2. Appliances : Click on Appliances. You

will now see an overview of already connected appliances and you have the possibility to add another fireplace. Change the name of the room(s) present. Select the room you want to change. In the screen that appears next you are able to change the name.

3. Wizard: click on Wizard and follow the instruction to install an additional fireplace.

4.16 Resetting the iMatch interface

1. Press the reset button of the iMatch interface; this can be found on the rear side of the iMatch interface.
2. Hold the button down until the red LED start flashing rapidly (approximately 15 seconds).
3. Wait for the iMatch interface to reboot.



4. Check whether the red LED is on.

Fig. 4: iMatch interface

4.17 Using the iMatch app through the iMatch interface

The gas fire can be controlled by using the iMatch app, if the iMatch interface is connected to your local Wi-Fi network. First install the iMatch app on your smartphone or tablet. See: [Configure the iMatch app on page 21.](#)

Accessing home screen

1. Click on the iMatch app icon to open it.
2. Drag the standby icon to the right to open the home screen.

Overview home screen

1. **Initiating flame:** Press the standby. A semi-circle will appear and the fireplace will start at 100% flame intensity.

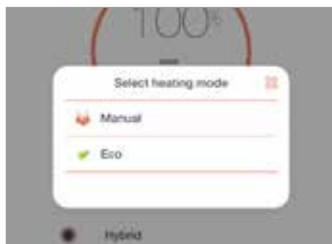


Fig. 5: Initiating flame

2. **Setting the flame intensity:** Press and hold down the black dot. Move your finger over the circle to set the flame intensity. The percentage will increase and decrease with the movement of your finger.
3. **Hybrid LED lighting:** Press “off” to turn on the LED lighting. The LED lighting turns on and a semi-circle with the text Hybrid appears on the screen. The LED lighting intensity is

not adjustable.

4. **Heating mode:** Press “hand controlled” once in the middle of the circle. Now select the heating mode Eco or



Manual.

Fig. 6: Heating mode

5. In case you choose Eco mode, the fireplace is not controllable from the App. The fireplace varies from mode 1 to 8 automatically.
6. **Shutting down:** The gas fire will shut down, by pressing the standby button again. The NSG is not controllable by using iMatch.
7. **CAREFUL!** The NSG cannot be operated by the iMatch.



5. Maintenance

The following sections provide information about the maintenance of the fireplace.

- Maintenance
- Malfunctions
- Malfunction of the Natural Spark Generator

5.1 Maintenance

Maintenance frequency

The gas fire should be inspected for optimal, sustainable and safe use annually. Malfunctions to the gas fire must be fixed instantly. Inform your client about the possibilities of a maintenance contract.

Before and after the heating season

As time passes, tarnish can form on the inside of the glass. This can be removed by using a moist cloth or non-scratching cleaning detergent (ceramic glass cleaner). Do not use corrosive or abrasive substances for cleaning the fireplace. Damage to varnish is not included in the warranty. Small damaged can be removed by using heat-resistant varnish. This varnish is available at Kalfire.

5.1.1 Cleaning the (standard) ceramic windows.



WARNING Different cleaning instructions apply for anti-reflective glass.

The gas fire glass can become contaminated when the fireplace is burning, but also when it is not. Potential causes can be: Smoking materials in the fireplace

(especially in the beginning), air contamination, quality of the type of gas etc.

Conditions:

- Filth and stains on the glass must be removed immediately.
- Never turn on the fireplace when it has filth or stains on the glass. This can lead to permanent contamination.
- Clean the glass after the first use of the fireplace and clean the glass regularly in the initial period.
- Use scratch-free cleaning substances only.

5.1.2 Cleaning instructions anti-reflective glass

The gas fire glass can become contaminated when the fireplace is burning, but also when it is not. Potential causes can be: Smoking materials in the fireplace (especially in the beginning), air contamination, quality of the type of gas etc.

Anti-reflective glass is polished ceramic glass to which a number of metal oxide coatings have been applied that reduce the reflection to less than 1%.

To prevent damage to these coatings, it is important that you carefully comply to the following cleaning instructions. A blue/purple discolouration can become visible on the anti-reflective glass, as a result of using the gas fire.

Conditions:

- Filth or stains on the glass must be removed immediately.
- Never turn on the fireplace when it has filth or stains on

the glass. This can lead to permanent contamination.


- Clean the glass after the first use of the fireplace and clean the glass regularly in the initial period.
- Wear (rubber) gloves when cleaning the glass; fingerprints are particularly noticeable on anti-reflective glass.
- Use water and a soft cotton cloth, chamois leather or a microfibre cloth.
- Use neutral glass detergent only: water solution with neutral or light alkaline detergent without additives or abrasive substances. The acceptable share of ammonia and solvents that are organically soluble in water must be smaller than 5%.
- Carefully clean the glass: use sufficient moisture, avoid pressure and rub the substance from top to bottom, to prevent cleaning detergent to remain on the glass.
- Continuously dry the glass completely using the cloth.
- When using a vacuum lifter to remove the door, the suction cup rubber must be clean in order to prevent damage to the coating.

The table below lists the types of products **never** to be used when cleaning the anti-reflective glass:

Never use the products below!:	The glass coating can be damaged by:
toilet cleaners	alkaline detergents or detergents with high levels of ammonia
hydrochloric acid	acids
bleach domestos	chlorine or sodium hypochlorite detergents
benzene, hexane or petroleum-based solvents	solvents
scouring powders, abrasive materials, steel wool, scrubbing or scouring pads, scrapers, razor blades, paper, ceramic stove cleaners	Aggressive cleaning materials

5.1.3 Door dismantling and assembly (corner and three-sided appliances)

Door removal

 **WARNING:** Wear (rubber) gloves to prevent stains on the glass.

Step 1: To unlock the door, pull the handles that are placed under the hood towards you and up.

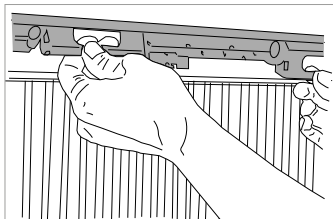


Fig. 7: Pull the handles

Step 2: Push the metal cover strip in left or right.

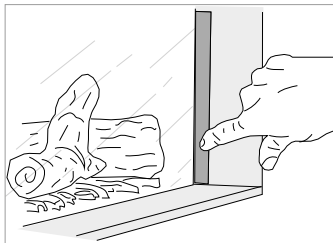


Fig. 8: Metal cover strip

Step 3: Next, grip the door by the designated handles. Slightly lift the door with glass window out of the rabbet, move the entire door slightly to the left or right (corner fireplace) and carefully lift it entirely out of the fireplace. In a three-sided appliance the door will fall forward slightly and you will be able to lift it straight out of the rabbet.

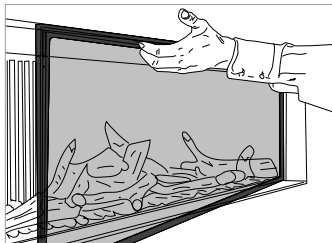



Fig. 9: Restoring door

Restoring door

To put the door back in place, follow the steps explained in step 3 in reverse order. Lock the door by moving the handles down. Twist the metal cover strips (step 1) back into its original position by using the protruding lip at the upper side of the strip.

5.1.4 Door dismantling and assembly (front and tunnel fireplaces)

Door removal

 **WARNING:** Wear (rubber) gloves to prevent stains on the glass.

Step 1: Move the metal cover strips up from the upper side.

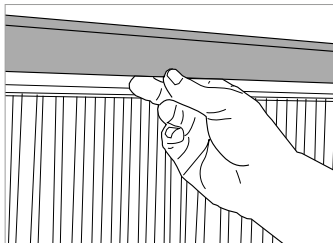


Fig. 10: Move the metal cover strips up

Step 2: To unlock the door, pull the handles that are placed under the hood towards you and up.

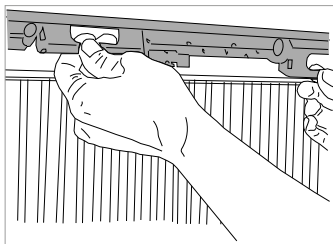


Fig. 11: Pull the handles of the hood

Step 3: Push the metal cover strip in left or right.

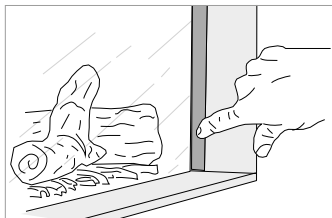


Fig. 12: Push the metal cover strip

Step 4: Next, grip the door by the designated handles. Slightly lift the door with glass window out of the rabbet and carefully remove it from the fireplace.

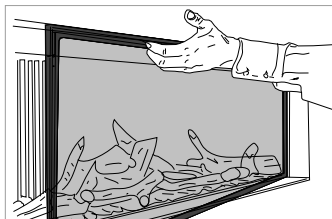




Fig. 13: Grip the door

Restoring door

To put the door back in place, follow the steps explained in step 4 in reverse order. Lock the door by moving the handles down. Twist the metal cover strips (step 3) back in its original position, by using the overlapping edge on the upper side of the strip and fold the metal cover strip down.

5.2 Malfunctions



Malfunctions can be organised in five categories:

1. Permanent malfunctions (indicated as >F<). This malfunction cannot be fixed automatically, the gas fire is blocked for 24 hours (except for the error code 02F).
2. Recovering malfunctions (indicated as >ALARM< or >A<). Malfunction that can recover automatically, if the cause has been detected and fixed.
3. Communication malfunctions (indicated as >E<). Malfunctions in the communication connection between the fireplace and the remote control - these malfunctions can be fixed automatically when the remote control is placed closer to the technical unit of the fireplace.
Press 1x .
4. Signal malfunctions (indicated as >NOLK 0 or 1< or a flashing RF icon ). The remote control does not communicate with the fireplace. This malfunction cannot be fixed automatically.
5. Fireplace failure. The automatic burner relay requires a "time-out" every 24 hours (according to current inspection regulations). During this "time-out", all applications of the automatic burner relay are tested. The fireplace is automatically switched off and stays down, until it is turned on again manually.









5.2.1 Removing or resetting a malfunction.



The automatic burner relay is equipped with a safety setting per gas type for the automatic ignition attempts. Natural gas (G20, G25) has three automatic ignition attempts and propane or butane gas (G30) only has one ignition attempt to ignite the burner. Should the automatic ignition attempt(s) fail, error code 08A and >ER< (Error) appear. This error code can be unlocked and removed twice using the remote control, before a 24-hour shut down is initiated (error code 08F).

Carry out the following steps to unlock the fireplace;

1. Press  approximately five times, after which the "A" code disappears.
2. Check if the gas valve is open.
3. Inspect if the ionisation pen is unobstructed by looking through the glass.
4. Initiate the new ignition attempt. Press , until >OK< flashes in the top left corner of the display.
5. You can repeat step 1-4 once.
6. If error code 08F appears you have to wait 24 hours before you can reattempt to ignite the gas fire. The waiting time must be respected, also after a power interruption.

5.2.2 Error codes iMatch remote control

Error code	Cause	Solution
Entire display flashing	Flat battery	Replacing battery.
	Low battery	Replacing battery.
NOLK 0 in the middle of the display	Bedieningsfout	Druk kort op >NOLK< zal nu linksboven in het display verschijnen.
NOLK linksboven in het display	No communication between remote control and fireplace (for example in case of a new remote control)	<p>Synchronising remote control:</p> <ol style="list-style-type: none"> 1. Open the hatch of the technical unit and carefully remove the automatic burner relay so it is easily accessible. 2. Remove the batteries from the remote control and press (hereby discharging the remote control). Next, replace the batteries into the remote control. 3. Isolate the automatic burner relay from power for 20 seconds, this will stimulate the synchronisation speed. Supply power back to the cable. The entire light will start flashing (once per second). Should the gas fire is provided with a hybrid function and/or NSG: detach the HCB cable from the automatic burner relay. 4. Press  on the remote control until >NOLK 0< appears on the display. Next, release . 5. In case >NOLK 1< or >LINK 1< appear, press  again until >NOLK 0< appears. 6. Press the black button in the automatic burner relay until the yellow light continuously stops flashing, then immediately release the black button. The yellow light will start flashing rapidly now. 7. Immediately (within 10 seconds) press  and hold it down until the word >LINK< starts flashing on the display. 8. Wait until >LINK 1< appears and release . 9. Press . The normal display with a stationary RF icon  will appear once the synchronisation is successful. 10. Reconnect the HCB cable (if applicable). 11. Place the automatic burner relay back into the technical unit and close the hatch.

Error code	Cause	Solution
02F	Temperature of the circuit board is too high	<ol style="list-style-type: none"> 1. Turn off the fireplace for approximately 30 minutes. 2. Then turn on the fireplace. 3. In case the error reappears, there is insufficient ventilation in the chamber of the fireplace.
04F	No mains voltage supply (two-way switch only)	Supply mains voltage.
06F or  flashing	No communication between remote control and fireplace	<p>In case the light on the automatic burner relay (in the technical unit) does not flash:</p> <ol style="list-style-type: none"> 1. Check power supply on the mains (230VAC). 2. If this is correct, check/replace the VDC transformer and/or automatic burner relay. <hr/> <p>In case the light on the automatic burner relay (in the technical unit) flashes:</p> <ol style="list-style-type: none"> 1. Place the remote control as close to the fireplace as possible. 2. Briefly press  and wait approximately 60 seconds. 3. Check the transmission strength. See: Checking transmission strength page 17. Carry out the following steps to check the transmission strength between the fireplace and the remote control. 4. Check for objects that could jam the signal (for instance metal casings). 5. In case the signal keeps flashing -> synchronise.

Error code	Cause	Solution
08A	No ionisation measurement during ignition.	<p>A flame is visible during ignition</p> <ol style="list-style-type: none"> 1. Check if the ionisation pen is <u>completely</u> unobstructed by looking into the fireplace. 2. Check if the plug in the technical box is correctly connected. See <u>Wiring diagram on page 36</u>. 3. Check the connection with the ionisation pen and whether there are damages to the ionisation cable. 4. Measure the ionisation signal. <p>No flame is visible during ignition, but there <u>was</u> a spark at the ignition pen.</p> <ol style="list-style-type: none"> 1. Remove the door from the fireplace (see 5.1.3 and 5.1.4) 2. Carefully check if there no decorative elements are obstructing the pen and if the spark correctly ignites the burner. 3. Ignite the gas fire without the door once and check if gas is emanating from the burner. In case no gas emanates from the burner: check for gas supply up to the technical box (measure pre-pressure). 4. In the presence of pre-pressure, check whether the cables running from the automatic burner relay to the gas valve unit are damaged and/or disconnected. 5. In case of an excessive gas pressure level (>55mbar) the gas valve cannot be opened for safety reasons. The energy company or installer should fix this problem. 6. In case of no result: exchange gas regulator. <p>No flame is visible during ignition and <u>no</u> spark is visible at the ignition pen.</p> <ol style="list-style-type: none"> 1. Check whether the ignition pen is obstructed in the fireplace. 2. Check if the plug connection is correct inside the technical unit. See <u>Wiring diagram on page 36</u>. 3. Check if there is sufficient 24V D/C power supply. 4. Check the ignition cable for damages and check the connection with the burner. 5. Check the HDIMS supply for the ignition transformer. If the 135 V is supplied: replace the ignition transformer, if there is no 135 V: replace the HDIMS.
15A	Gas valve problem	<ol style="list-style-type: none"> 1. Check the cover wiring. 2. In case of correct wiring: exchange gas regulator.

Error code	Cause	Solution
29A	Problem with regulating the gas valve, no flame during ignition	<ol style="list-style-type: none"> 1. Check whether the gas valve is open. 2. Measure the gas pressure at the gas valve intake. This must be > 20 mbar or with a G30(B/P) > 40 mbar. 3. Measure the burner pressure with the measurement nipple behind the gas valve. 4. Check the gas valve wiring and connection. 5. Change gas valve settings, parameter TP01 or TP02. 6. Check/replace the gas valve.
33F	Low voltage gas valve	Replace automatic burner relay
34F	Insufficient voltage	<ol style="list-style-type: none"> 1. Measure mains voltage (>220VAC) 2. Measure outgoing transformer voltage 24 VDC and 12 VDC. 3. If the outgoing voltage is lower than 20 VDC or 10 VDC, replace the transformer. 4. If the outgoing voltage is correct, check the wiring for short-circuits.
35F	Problem with the electrical driver	Replace automatic burner relay
50F	Gas valve wiring problem	Check the wiring and power plug connection. Repair if necessary.
51A	Failure of ionisation signal during while fire is alight.	<ol style="list-style-type: none"> 1. Check whether the ionisation pen is obstructed in the fireplace. 2. Check whether the flame remains nicely in the ionisation pen. In case the flame becomes transparent, recirculation is occurring. 3. Check flue duct configuration.

5.2.3 Error code iMatch interface

Error code	Cause	Solution
Red light in iMatch interface is constantly red	The iMatch interface has not yet been installed or is not provided with a sufficient Wi-Fi network strength.	Install the iMatch interface.
Red/green LEDs are flashing on the iMatch interface.	Distance between Wi-Fi point and iMatch interface is too great	Place your Wi-Fi point closed to the iMatch interface (technical unit) or place a Wi-Fi repeater.
	You have not entered the Wi-Fi settings correctly in the app	Check the Wi-Fi settings. Erase the added room from the app. Reset the iMatch interface and try again.

5.3 Malfunctions Natural Spark Generator

No sparks, possible causes

If there is no spark visible (any more), this can have the following causes:

- Natural Spark Generator cartridge is empty.
- No power supply on the Natural Spark Generator -> check whether the Natural Spark Generator has been connected correctly. See: [Wiring diagram on page 36](#).
- Natural Spark Generator pump / coil is defect -> contact your dealer or Kalfire.

A. Appendices

The following sections contain appendices attached to the gas fire:

- Product card
- Wiring diagram
- Certificate of compliance

A.1 Product card (in conformance with (EU) 2015/1186 Appendix IV)

Model			Gas type	Energy efficiency class (kc)*	Direct heat output	Indirect heat output	Energy efficiency index (EEI)	Useful return at nominal heat output	Useful return at minimum heat output
Kalfire G60/48F	Kalfire G65/44C	Kalfire G70/44S	G25	C	6.0 kW	n/a	81%	84.0%	74.3%
Kalfire G60/48F	Kalfire G65/44C	Kalfire G70/44S	G20	C	5.8 kW	n/a	82%	85.3%	80.0%
Kalfire G60/48F	Kalfire G65/44C	Kalfire G70/44S	G30 - 30 mbar	D	5.5 kW	n/a	72%	75.3%	68.3%
Kalfire G60/48F	Kalfire G65/44C	Kalfire G70/44S	G30 - 50 mbar	D	5.6 kW	n/a	72%	75.7%	67.8%
Kalfire G80/48F	Kalfire G85/44C	Kalfire G90/44S	G25	C	6.8 kW	n/a	79%	82.3%	77.2%
Kalfire G80/48F	Kalfire G85/44C	Kalfire G90/44S	G20	C	6.6 kW	n/a	79%	82.6%	78.4%
Kalfire G80/48F	Kalfire G85/44C	Kalfire G90/44S	G30 - 30 mbar	D	5.1 kW	n/a	75%	78.3%	49.4%
Kalfire G80/48F	Kalfire G85/44C	Kalfire G90/44S	G30 - 50 mbar	D	5.1 kW	n/a	75%	78.3%	49.4%
Kalfire G100/41F	Kalfire G105/37C	Kalfire G110/37S	G25	D	7.4 kW	n/a	74%	77.4%	64.2%
Kalfire G100/41F	Kalfire G105/37C	Kalfire G110/37S	G20	C	7.4 kW	n/a	80%	83.2%	79.8%
Kalfire G100/41	Kalfire G105/37C	Kalfire G110/37S	G30 - 30 mbar	D	8.2 kW	n/a	72%	75.4%	61.6%
Kalfire G100/41F	Kalfire G105/37C	Kalfire G110/37S	G30 - 50 mbar	D	9.8 kW	n/a	73%	75.8%	69.6%
Kalfire G120/41F	Kalfire G125/37C	Kalfire G130/37S	G25	C	8.8 kW	n/a	81%	83.8%	86.1%
Kalfire G120/41F	Kalfire G125/37C	Kalfire G130/37S	G20	C	8.3 kW	n/a	81%	84.6%	76.4%
Kalfire G120/41F	Kalfire G125/37C	Kalfire G130/37S	G30 - 30 mbar	C	9.7 kW	n/a	81%	76.5%	73.6%
Kalfire G120/41F	Kalfire G125/37C	Kalfire G130/37S	G30 - 50 mbar	D	9.9 kW	n/a	76%	78.9%	62.7%
Kalfire G160/41F	Kalfire G165/37C	Kalfire G170/37S	G25	C	10.4 kW	n/a	79%	78.9%	70.1%
Kalfire G160/41F	Kalfire G165/37C	Kalfire G170/37S	G20	C	10.8 kW	n/a	81%	81.8%	77.8%
Kalfire G160/41F	Kalfire G165/37C	Kalfire G170/37S	G30 - 30 mbar	C	11.0 kW	n/a	79%	83.8%	77.0%
Kalfire G160/41F	Kalfire G165/37C	Kalfire G170/37S	G30 - 50 mbar	C	11.3 kW	n/a	79%	82.0%	79.6%
Kalfire GP60/59F	Kalfire GP65/55C	Kalfire GP70/55S	G25	D	6.2 kW	n/a	72%	76.1%	62.7%
Kalfire GP60/59F	Kalfire GP65/55C	Kalfire GP70/55S	G20	D	6.1 kW	n/a	72%	76.0%	66.7%
Kalfire GP60/59F	Kalfire GP65/55C	Kalfire GP70/55S	G30 - 30 mbar	D	7.6 kW	n/a	72%	76.1%	65.9%
Kalfire GP60/59F	Kalfire GP65/55C	Kalfire GP70/55S	G30 - 50 mbar	D	7.6 kW	n/a	72%	76.1%	65.9%
Kalfire GP60/79F	Kalfire GP65/75C	Kalfire GP70/75S	G25	D	7.8 kW	n/a	73%	76.3%	66.2%
Kalfire GP60/79F	Kalfire GP65/75C	Kalfire GP70/75S	G20	D	7.9 kW	n/a	72%	76.2%	67.4%
Kalfire GP60/79F	Kalfire GP65/75C	Kalfire GP70/75S	G30 - 30 mbar	D	7.9 kW	n/a	73%	76.8%	70.6%
Kalfire GP60/79F	Kalfire GP65/75C	Kalfire GP70/75S	G30 - 50 mbar	D	7.9 kW	n/a	73%	76.8%	66.2%
Kalfire GP75/59F	Kalfire GP80/55C	Kalfire GP85/55S	G25	D	8.0 kW	n/a	73%	77.0%	78.3%
Kalfire GP75/59F	Kalfire GP80/55C	Kalfire GP85/55S	G20	C	8.7 kW	n/a	79%	83.0%	64.6%
Kalfire GP75/59F	Kalfire GP80/55C	Kalfire GP85/55S	G30 - 30 mbar	D	4.2 kW	n/a	73%	77.4%	64.6%
Kalfire GP75/59F	Kalfire GP80/55C	Kalfire GP85/55S	G30 - 50 mbar	D	4.7 kW	n/a	73%	77.4%	77.8%
Kalfire GP105/59F	Kalfire GP110/55C	Kalfire GP115/55S	G25	D	7.7 kW	n/a	73%	77.0%	68.2%
Kalfire GP105/59F	Kalfire GP110/55C	Kalfire GP115/55S	G20	C	8.8 kW	n/a	78%	82.0%	78.7%
Kalfire GP105/59F	Kalfire GP110/55C	Kalfire GP115/55S	G30 - 30 mbar	D	4.5 kW	n/a	73%	77.4%	67.7%
Kalfire GP105/59F	Kalfire GP110/55C	Kalfire GP115/55S	G30 - 50 mbar	D	4.6 kW	n/a	73%	77.4%	67.7%
Kalfire GP105/79F	Kalfire GP110/75C	Kalfire GP115/75S	G25	C	10.3 kW	n/a	77%	80.7%	78.6%
Kalfire GP105/79F	Kalfire GP110/75C	Kalfire GP115/75S	G20	C	11.4 kW	n/a	79%	82.1%	74.1%
Kalfire GP80/54T	Kalfire GP85/50R		G25	D	7.7 kW	n/a	73%	77.0%	71.3%
Kalfire GP80/54T	Kalfire GP85/50R		G20	D	7.9 kW	n/a	75%	79.0%	75.1%
Kalfire GP80/54T	Kalfire GP85/50R		G30 - 30 mbar	D	6.1 kW	n/a	73%	77.1%	69.6%
Kalfire GP80/54T	Kalfire GP85/50R		G30 - 50 mbar	D	6.1 kW	n/a	73%	77.1%	69.6%

A.2 Wiring diagram

Wiring diagram Natural Spark Generator in the technical unit.

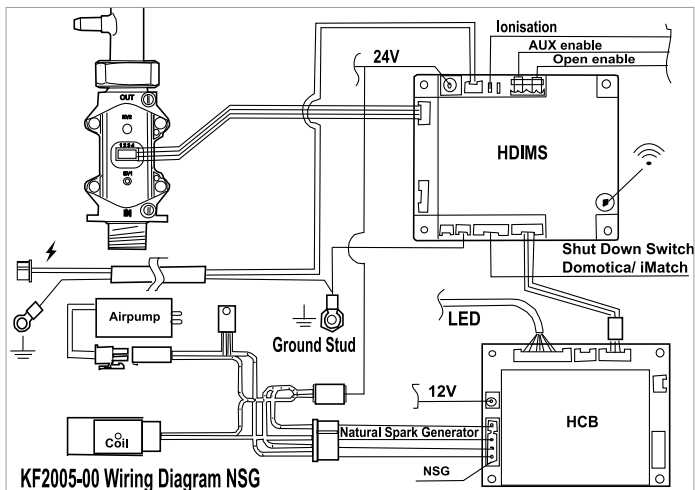


Fig. 14: Wiring diagram

HCB only applicable in hybrid mode and/or Natural Spark Generator.

A.3 Certificate of compliance

Kalfire B.V.
Geloërveldweg 21
NL – 5951 DH, Belfeld

Certifies that the following Kalfire appliances, model gas fire:

Kalfire GP60/59F, GP65/55C, GP70/55S, Kalfire GP60/79F, GP65/75C, GP70/75S
Kalfire GP75/55F, GP80/55C, GP85/55S, Kalfire GP80/54T, GP85/50R
Kalfire GP105/59F, GP110/55C, GP115/55S, Kalfire GP105/79F, GP110/75C, GP115/75S
Kalfire G60/48F, G65/44C, G70/44S, G80/48F, G85/55C, G90/55S, G100/41F,
Kalfire G105/37C, G11037S, G120/41F, G125/37C, G130/37S, G160/41F, G165/55C

are in compliance with the appliances as described in the "EG-type-investigation-certificate" N° E1398 / 5643 and N° E1347/5619 and are in accordance with the applicable fundamental provisions of regulation EU 2016/426.

Date: 1 January 2019



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DON'T COMPROMISE.