

**KALFIRE**  
FIREPLACES

# User's guide

Closed gas fire with Prestige burner

English

V11-2016\_NL

GP75/59F, GP80/55C, GP85/55S  
GP105/59F, GP110/55C, GP115/55S  
GP105/79F, GP110/75C, GP115/75S  
GP60/59F, GP65/55C, GP70/55S  
GP60/79F, GP65/75C, GP70/75S  
GP80/54T, GP85/50R

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Kalfire cannot be held responsible for non-compliance with the instructions and/or damage arising from improper installation.

Kalfire closed gas fires must be installed by a qualified installation professional, complying with all relevant local and national regulations. The installer should adhere to general installation and operation codes, the provisions of urban planning regulatory authorities, and national and European standards.

Key general usage instructions:

- The fire and remote control should be used only for the purpose they are intended and in compliance with this user's guide.
- Maintenance and servicing should be performed exclusively by certified professionals.
- This user's guide is available in several languages at [www.Kalfire.nl](http://www.Kalfire.nl).

## 1 Safety instructions

This appliance must be installed in an area with sufficient ventilation in compliance with the standards in force. Please observe the following safety measures:



**If you smell gas (risk of explosion) or there is leakage of smoke or fumes (formation of carbon monoxide):**

- Switch off the gas fire immediately.
- Shut off the gas valve.
- Open the doors and windows.
- Contact a certified installer.



If the flames are suddenly extinguished when the fire is operating, no matter what the cause, wait for 3 minutes before switching the fire back on.



### **Fire hazard**

Ensure that curtains or any other flammable materials are at a distance of at least 50 cm from the gasfire.

## 2 Risk of burning



The area above and around the gas fire can reach high temperatures, which could be a burn hazard. Increase safety measures if a child or an elderly or less able-bodied person is in the proximity of the fire.



Switch off the fire immediately if there is a crack in the glass in the door or if the glass has not yet been installed.



The heat generated by the fireplace's convection system can cause dust particles or the smoke from cigarettes, candles or oil lamps to discolour walls or ceilings. Thus it is advisable to ensure sufficient ventilation in the room where the fire is installed.



The fireplace is intended to be used only as a fire to provide ambiance, and as a result should not be installed as the principal heating system for an entire home or part of a home.

### 3 Kalfire closed gas fires: three safety measures

1. *An electronic flame ionisation detector detects the presence of flames.*

If the gasfire does not detect a flame, the delivery of gas is cut off for 1 minute. Following that, the fire will attempt to reignite automatically. If the fire must be switched off immediately and should not be relit, hold down the / button on the remote control for around 10 seconds. This 'emergency stop' definitively cancels the heat-controlling device, pre-empting automatic reignition.

2. *24-hour safety*

After 3 consecutive automatic ignition attempts without any flame being detected, the system will be blocked (code **A08**). In this case, it is possible to use the remote control to try to unblock the fire a further 2 times before the system is locked for 24 hours (lock-out code **F08**). If this occurs, the gasfire cannot be used for 24 hours, a feature designed to ensure user safety.

For propane/butane appliances: after 1 automatic ignition attempt without any flame being detected, the system will be automatically locked (code **A08**). In this case, it is possible to use the remote control to try to unblock the fire a further 2 times before the system is locked for 24 hours (lock-out code **F08**).

### *3. Overpressure safety device*

The closed gasfire is equipped with an overpressure safety device to minimise the risk of damage in the event of an explosive ignition.




## 4 Using the iMatch remote control



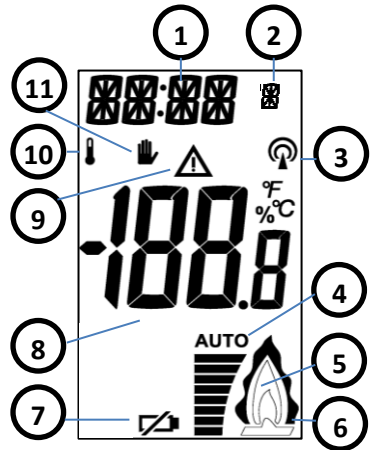
The iMatch remote control uses a radio-frequency signal (RF signal) to relay information to the fire. The range of the signal is around 10 metres, but may be less if obstacles such as walls or furniture are between the fire and the remote control. An RF signal is particularly safe; however, it can sometimes result in a longer reaction time, so the fire may not respond instantaneously. If the screen of the remote control illuminates after a button is pressed, this indicates that the RF signal has been sent.

### 4.1 Inserting the batteries



A battery compartment at the back of the remote control holds two AA batteries (these are supplied with the appliance). Slide the battery cover downwards to open the compartment. Insert the two batteries according to the diagram at the bottom of the compartment. The display on the front of the remote control should then light up when the  button is pressed.

## 4.2 Symbols key

1. Indicates the time, WAIT, WARM or OK.
2. Indicates the day of the week (as a number).
3. Radio-frequency (RF) signal. A flashing RF signal indicates that the distance between the remote control and the fire is too great or that an obstacle is blocking the signal.
4. Indicates the height of the flame or the intensity of the lighting (hybrid fire).
5. Indicates that the fire is ignited; if the symbol is flashing, this indicates that a heating change or an ignition or reignition attempt is in progress.
6. Indicates that the ECO mode is activated.
7. Indicates that the batteries need to be replaced.
8. Indicates the ambient temperature of the room or signals other notifications, such as problems.






- 9. Warning symbol in case of a problem.
- 10. Indicates that the fire is in thermostat mode.
- 11. Indicates that the fire is in manual mode (default mode)





- A. buttons + and -
- B. left and right buttons ◀▶
- C.  centre button
- D.  on/off button
- E. **P** parameter configuration button



### **4.3 Using the timer**

1. Hold down the **P** button until the time display starts flashing.
2. Use the **+** or **-** buttons to change the hour, then confirm your choice by pressing the  button. The minutes will then begin to flash. Use the **+** or **-** buttons to change the minutes, then confirm the change by pressing .
3. The number indicating the day of the week will then begin to flash. Select the number '1' for Sunday, '2' for Monday, and so on, then confirm your choice by pressing . To exit the parameters menu, press **P**. Wait for 30 seconds while the information is transmitted.

#### 4.4 Activating/deactivating the flames in manual mode

1. Hold down the  button until 'OK' at the top left of the screen begins flashing.
2. While holding  down, briefly press  to activate automatic ignition.
  - 'WARM', displayed at the top left of the screen, begins to flash, indicating that the request has been confirmed.
  - After several seconds, a beep indicates that ignition is starting up and 'WAIT' displays on the screen. After about 20 seconds, the burner ignites.
  - A beep confirms the completion of ignition and 'WAIT' stops flashing.
  - The fire is on.
3. To switch off the fire, hold down the  button for around 2 seconds.



#### 4.5 Adjusting flame height in manual mode

The height of the flames can only be adjusted when the fire is in operation.

- 1 Press + or - to display the flame height on the screen, ranging between 8, the highest flames (9 if ECO mode is activated), and 1, the lowest flames.
- 2 Use + or - to adjust the flame height as desired. When the button is released, the flame height is indicated by the number of horizontal bars. The ECO mode has a modulating effect on flame height. This mode is activated by setting the flame height to 9 using the + button. After confirming the desired flame height, the display will continue to flash for several seconds while the request is transmitted to the fire.






#### 4.6 Using ECO mode (position 9) in manual mode

By regularly varying flame height, ECO mode accentuates the user's comfort as well as the aesthetic appeal of the play of flames, while at the same time reducing the fire's heat emission and gas consumption by around 40%. To select this modulating effect, use the remote control to set the flame height to 9.

The double flame icon  will display on the screen.

#### 4.7 Choosing between thermostat mode and manual mode

1. Press the **P** button until the  symbol or the  symbol begin to flash.
2. Press **P** again to select the symbol of your choice.
3. Press  to exit the menu.
4. In thermostat mode, the desired temperature can be adjusted using the + and - buttons.



The remote control measures the room temperature, allowing the strength of the fire to be adjusted accordingly. To ensure an accurate temperature reading, make sure the remote control is outside of the fire's radiation range.



## 5 Using the LED lighting and NSG

The gasfire can be optionally equipped with LED lighting that simulates a bed of embers and NSG (Natural Spark Generator) These options can be adjusted in a number of ways to vary the lighting effects.

### 5.1 Changing the LED lighting effects





The different parameters controlling the LED lighting allow the oscillation, intensity and colour to be set. Select the configuration of your choice.

1. Press ► until 'P1', 'P2' or 'P3' appears in the centre of the screen.
2. Select Ⓞ several times until the desired 'P' setting appears. Wait until the main screen displays.



## 5.2 Activating/deactivating the LED lighting and adjusting lighting intensity

The LED lighting will be automatically activated when the fire is turned on. You can also activate it when the fire is not on.

1. Press  to turn on the screen.
2. Press  until 'P1', 'P2' or 'P3' appears in the centre of the screen.
3. Press  to increase light intensity. This button also serves to activate the LED lighting.
4. Select  to decrease light intensity. This button also serves to deactivate the LED lighting.

The horizontal bars at the bottom of the screen indicate the level of brightness of the LED lights. The different settings allow the incandescence and colour of the LED bulbs to be varied according to the chosen configuration. The 'AUTO' setting provides the brightest, most intense luminosity.



### 5.3 Adjust the frequency of the NSG sparks

The NSG functions only when the gas fire is hot. This is why the appliance only activates the NSG after it has been operating for 10 minutes.

The NSG generates sparks according to the flame height: as a result, the higher the flames (maximum setting), the more sparks. The default setting of the fire is 'SPo' (sparks off). Once the fire is in use, it saves the last programme selected.

Adjusting the frequency of the sparks

Select the forward arrow button ( ) to access the NSG programme. The screen displays ' SPo' at the top left. Using the + or – buttons, you can change this by selecting from settings SPo to SP8.



Settings:

SP0 = NSG 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

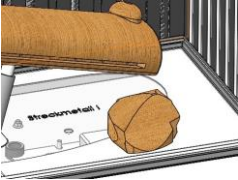

SP8 = random sprays of sparks, 1 per minute

## **6 NSG (Natural Spark Generator)**

The NSG system contains a cartridge of Natural Spark Powder. How quickly this cartridge runs out depends on how often the gas fire is used and on the NSG setting selected (see Chapter 13). Refills of Natural Spark Powder are available from Kalfire. A container of Natural Spark Powder completely fills the cartridge.

The opening to refill the NSG is located at the right front of the hearth (under a piece of ceramic charcoal) or at the right back (under a ceramic log), depending on the type of fire. See the table below.

## Location of the opening to refill the NSG

Fires	Location of the refill opening of the NSG
<p>Kalfire GP75/59F, GP80/55C, GP90/55S                      Kalfire GP 105/59F, GP110/55C,                      GP115/55S                      Kalfire GP 105/79F, GP110/75C,                      GP115/75S</p>	<p>At the right front of the hearth under a piece of ceramic charcoal</p> 
<p>Kalfire GP60/59F, GP65/55C, GP70/55S                      Kalfire GP60/79F, GP65/75C, GP70/75S                      Kalfire GP80/54T and GP85/50R</p>	<p>At the right back of the hearth under a ceramic log</p> 

To refill the cartridge, open the glass panel, remove the log or charcoal covering the refill opening, remove the cap and then follow the instructions on the packaging of the container of Natural Spark Powder.

**Possible reasons for an absence of sparks**

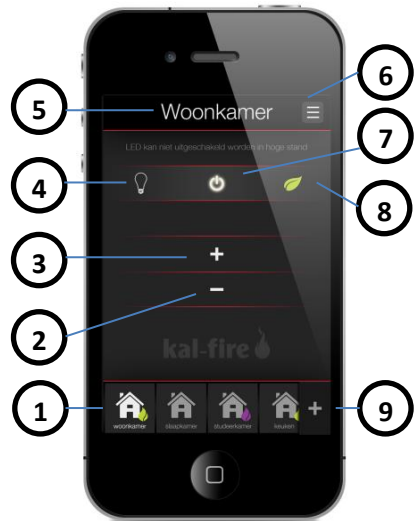
If no sparks are generated, this could be due to the following reasons:

- The Natural Spark Powder cartridge is empty.
- There is no power supply to the NSG → check that the NSG is correctly connected (see diagram below).
- The NSG pump and/or coil is defective → contact Kalfire.

## 7 Using the iMatch interface via a smartphone or tablet

The ECO-line can be optionally equipped with the iMatch interface (art. no. 91019999903340). This wifi interface allows the fire to be controlled via a smartphone or tablet application. The application can be used with an iPhone, iPad or Android smartphone and can be downloaded free from application download platforms.

1. Select the fire you want to control
2. Decrease flame height
3. Increase flame height
4. Select LED lighting (hybrid model only)
5. Name of selected fire







6. Select configuration menu
7. Switch fire on or off
8. Select ECO mode
9. Add a fire

## 8 Troubleshooting

There are five types of malfunctions that may arise:



1. 'Permanent' malfunction (indicated by '**F**'): this type of malfunction is not resolved automatically; the fire will remain inactivated for 24 hours.
2. Malfunctions that trigger automatic self-recovery (indicated by '**ALARM**' or '**A**'): this type of malfunction is automatically resolved, provided that the cause of the failure has been identified.
3. Communication malfunction (indicated by '**E**'): this type of malfunction is linked to communication problems between any of the printed circuit boards and the remote control. They are resolved automatically by re-establishing the remote control's link with the fire's technical unit. Press  once.
4. Signal malfunction (indicated by '**NOLK 0 of 1**' or a flashing RF icon ): this type of malfunction arises when the remote control cannot communicate with the fire. It is not resolved automatically.
5. Fire shutdown: the burner control must be cut off every 16 hours (in compliance with the verification requirements in force). During this shutdown, all of the burner control

operations are tested. Following this, the fire is automatically set to 'Off' and remains in this state until it is manually set to 'On'.

### **8.1 Troubleshooting solutions or restarting after a malfunction**

The burner control's automatic settings depend on which type of gas is used: natural gas or propane/butane. In the case of natural gas, the burner will make 3 automatic ignition attempts, while in the case of propane/butane, it makes only 1 attempt. If ignition fails, the error code **A08** appears immediately and '**ER**' (Error) displays at the top left of the screen. Using the remote control, 2 more ignition attempts can be tried (or 1 attempt in the case of propane/butane). If this new attempt also fails, the burner is automatically locked (error code **08F**).

## 8.2 Unblocking the fire after a code 'A' failure (e.g. 08A)



Press the  button around 5 times, until the 'A' code disappears. A new ignition attempt can then be tried. (Hold down the  button until 'OK' begins to flash at the top left of the screen.)











## 8.3 Unblocking the fire after a code 'F' failure (e.g. 08F)

After a period of 24 hours, the burner will unlock automatically. If the power to the appliance is turned off, this safety measure will not be triggered. This is strictly forbidden and could put your safety at risk!

## 8.4 iMatch error codes

Error code	Cause	Solution
	The batteries have run out.	Replace the batteries (see section 12.1).
<p><b>'NOLK 0'</b> appears in the centre of the screen</p>	Control error (no link)	Press  until <b>'NOLK'</b> displays at the top left.

Error code	Cause	Solution
<p><b>'NOLK' appears at the top left of the screen</b></p>	<p>Communication failure (no link) between the remote control and the fire (e.g. if the remote control is new)</p>	<p><b>Synchronise:</b>            Open the cover of the technical unit installed near the fire and locate the (flashing) yellow indicator light on the burner control. Next to the yellow indicator light is a small black button that you will need to push down at a later step. Hold down the  button on the remote control until <b>'NOLK 0'</b> displays and then release the button; if <b>'NOLK 1'</b> displays, select  again until <b>'NOLK 0'</b> displays. Then hold down the small black button in the technical unit until the yellow indicator light begins to flash rapidly. Immediately (within 10 seconds) press  and hold it down until <b>'LINK'</b> begins to flash on the screen. Wait until <b>'LINK 1'</b> displays and then release the  button. Press  again and the display will return to normal and a static RF icon  will appear.</p>

Error code	Cause	Solution
<p><b>02F</b></p>	<p>The temperature of the printed circuit board is too high.</p>	<p>Switch off the fire for around 30 minutes. Then turn it back on. If the error code displays again, this indicates that the ventilation in the hearth of the fire is insufficient. Contact your installer.</p>
<p><b>06E</b> or  <b>is flashing</b></p>	<p>Communication failure between the remote control and the fire</p>	<p><b>If the indicator light on the burner control (in the technical unit) is <u>not</u> flashing:</b> Check the voltage in your home. If the voltage is correct, you should contact your installer in order to detect a possible fault in the 24V transformer or the burner control.</p> <p><b>If the indicator light on the burner control (in the technical unit) is flashing:</b> Bring the remote control as close as possible to the fire and press . Wait for about 60 seconds. If the light continues to flash, resynchronise the remote control and the technical unit (see error code '<b>NOLK</b>').</p>

Error code	Cause	Solution
<b>15A</b>	Incorrect ionisation signal	Contact your installer.
<b>08A</b>	Lack of ionisation detection during ignition	<p><b>If a flame is visible during ignition:</b></p> <ul style="list-style-type: none"> <li>• Check that there is <u>no contact</u> between the ionisation rod (the    symbol on the burner) and the Kal-Glow or the furnishings in the fire.</li> <li>• Check that the cable is correctly plugged into the technical unit (see 'ionisation' in section 20: Wiring diagram).</li> </ul> <p>If the error code still displays, contact your installer. The ionisation cable may be damaged or improperly connected to the ionisation rod.</p>



Error code	Cause	Solution
	Lack of ionisation detection during ignition	<p><b>If <u>no</u> flame is visible during ignition, but a <u>spark</u> appears at the ignition rod (the V symbol on the burner in the fire):</b></p> <p>The gas pressure in your home is insufficient or the gas valve is defective. In either case, contact your installer.</p>
<b>08A</b>	Lack of ionisation detection during ignition	<p><b>If <u>no</u> flame is visible during ignition, and <u>no</u> spark appears at the ignition rod (the V symbol on the burner in the fire):</b></p> <ul style="list-style-type: none"> <li>• Check the fire to ensure that there is no contact between the ignition rod (the V symbol in the burner) and the other elements.</li> <li>• Check that the cable is correctly plugged into the technical unit (see 'ionisation' in section 20: Wiring diagram).</li> </ul>

Error code	Cause	Solution
		If the error code still displays, contact your installer. The ignition cable may be damaged or improperly
		connected to the burner, or the ignition transformer may be defective.
<b>51A</b>	Disappearance of ionisation signal while the fire is operating	<p>Check the fire to ensure that there is no contact between the ignition rod (the V symbol in the burner) and the other elements.</p> <p>If the problem persists, contact your installer.</p>

## 8.5 iMatch interface error codes

Error code	Cause	Solution
<b>LED lighting flashing red/green on the application interface</b>	The distance between the wifi router and the iMatch remote control is too great.	Position your wifi router and iMatch interface (in the technical unit) so they are closer together.
	There is a configuration error in the application settings.	Check the wifi settings. Delete the fire or room from the application. Restart the iMatch interface and try again.

## **9 Maintenance**

### **9.1 Annual maintenance**

Your appliance should be inspected once a year by a certified installation professional in order to guarantee optimal, lasting and safe operation. Any fault should be immediately serviced. Ask your installer about the possibility of a maintenance contract.

### **9.2 Maintenance instructions**

The maintenance instructions can be downloaded using the QR code located next to the product nameplate. The instructions give details regarding annual maintenance and the installation of the fireplace furnishings. These maintenance instructions can also be downloaded from <http://goo.gl/gDVAAv>

### 9.3 Pre- and post-winter maintenance

After a certain period of use, deposits can appear on the side of the glass facing the fire. These deposits can be removed with a moist cloth or a non-abrasive detergent (e.g. a cleaning product for ceramic glass). Do not use corrosive or abrasive products to clean any part of the fire. Damage to the paint is not covered by the warranty. Minor deterioration can be touched up with a special Kalfire heat-resistant paint that is available from your installer.

### 9.4 Removing the glass

**Step 1:** Fold the metal frame at the top of the fire upwards. (This does not apply to corner or 3-sided models.)



**Step 2:** Release the handles that are now visible. (In the case of a corner or 3-sided model, the handles are located under the mantle, and should be pulled gently upwards and outwards.)

**Step 3:** Push in the metal protective strip at the left and right sides. (With a corner model, just push in the protective strip for the large glass panel. With a 3-sided model, skip this step.)



**Step 4:** The glass is now released. Take hold of it with both hands using the handles provided. Lift the glass slightly to remove it from the groove and move the whole panel slightly to the left or right. Then turn one side of the glass towards the exterior to remove it carefully and completely from the fire. (In a 3-sided model, the glass falls slightly forwards and can be taken straight out of the groove.)



## 9.5 Replacing the glass

To replace the glass, follow the instructions from step 4 in reverse order. Latch the handles following the instructions in step 2. The metal protective strips (step 3) automatically push out into place. Fold the metal frame downwards to hold in the glass, as described in step 1 (does not apply to corner or 3-sided models).

## **10 Changing to another type of gas**

The product nameplate indicates the type of gas for which the appliance is designed. To adapt your fire in order to use a different type of gas, contact the manufacturer.

## **11 Warranty terms**

The Kalfire products to which this warranty applies are manufactured with care using high-quality materials. If despite this any faults or defects should appear, the following warranty terms are applicable:

1. Before the installation of the fire, the certified installer must ensure that the smoke discharge flue is in good condition and functions correctly. All gas fires must be installed by a certified installation professional in compliance with applicable national and, where relevant, local standards, as well as according to the installation instructions supplied with the fire.



2. The company Kalfire B.V. cannot be held responsible for the installation of the gasfire.
3. The warranty period for Kalfire gas fires is two years from the date of purchase, which should be clearly and unequivocally marked on the proof of purchase.
4. The ceramic glass panel, as well as any physical or chemical damage incurred from external causes during transport, storage or mounting, are excluded from the warranty.
5. The warranty grants no right to compensation for the inability to use the gasfire.
6. The repair or replacement of components covered by the warranty do not in any circumstances extend the total period of the warranty.
7. If a malfunction should arise during the warranty period due to a fault in the manufacturing or the materials, Kalfire will send a replacement component to the installer free of charge, however, will not cover the costs of assembly or disassembly. The transport costs are to be paid by the user.
8. If the installer is unable to resolve the malfunction, he or she can request the assistance of Kalfire (only in the Benelux countries, Germany and France).

9. The fire or any of its components can only be sent for inspection or servicing by prior agreement. Such a consignment must be accompanied the dated proof of purchase.
10. A dated proof of purchase) must also be presented in the case of an on-site intervention by Kalfire during the warranty period (only in the Benelux countries, Germany and France).
11. In the case of an on-site service visit outside of the warranty period, all parts, labour and travel expenses are to be paid by the customer.

**The warranty is not applicable in the following cases:**

1. If the warranty terms (detailed in the previous points) are not complied with, in full or in part.
2. If any modifications are made to the appliance without the specific authorisation of Kalfire.
3. If the owner of the fire is not the original buyer.

4. If the installation or usage instructions have not been complied with during the installation or use of the fire.
5. If the fire is not connected using a Kalfire concentric flue.
6. If the number of ceramic logs on the fire bed is lower or higher than the recommended number, or if the logs are different from those recommended.
7. If the damage claimed has been caused by external factors (e.g. impact, lightning, flooding or dropping or overheating of the fire) occurring during transport, storage or mounting.
8. If the fire has been handled or used incorrectly or carelessly.
9. If the replacement parts have been repaired or supplied by another manufacturer or by an uncertified supplier.
10. If the warranty certificate and the original, dated proof of purchase cannot be presented, or if the information on the proof of purchase has been altered (e.g. the date has been crossed out, modified, is illegible, etc.).

## 12 Certificate of compliance

### **Kalfire B.V. - Geloerveldweg 21 - NL – 5951 DH, Belfeld**

declares that the Kalfire gasfires appliances described here conform to the appliances described in the EC-Type Examination Certificate No. E1398/5643 and comply with the essential requirements applicable to Directive 2009/142.

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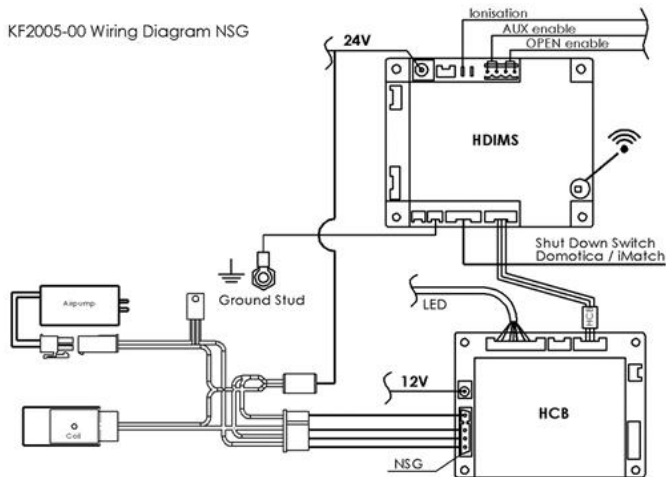


Date: 1st of December 2016

Beijko van Melick, Engineer and Doctor of Science / Managing Director - Kalfire B.V.

## 13 Wiring diagram

KF2005-00 Wiring Diagram NSG



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