

# USER MANUAL

## **SINATRA 1200 - 2400 mm**

**G20/G25/25.3 (Natural Gas) G30/G31 (Propane-Butane/Propane)**



**Produced by:  
Planika Sp. z o.o.  
Bydgoska 38  
86-061 Brzoza  
Poland**

# **IT IS OBLIGATORY TO READ AND STORE THIS INSTALLATION**

## **MANUAL.**

### **TABLE OF CONTENTS**

1. INTRODUCTION.....	4
2. GENERAL INFORMATION .....	5
3. SAFETY.....	5
3.1. Safety instructions .....	7
3.2. Safety instructions for the use of gas cylinder.....	8
3.3. Protection against backward chimney draft.....	8
4. USAGE .....	10
4.1. First use .....	10
4.2. Discoloration of walls and ceilings.....	10
5. REMOTE CONTROL.....	11
5.1. Display and buttons .....	11
5.2. Explanation of symbols .....	12
5.3. Setting connection between the remote control and the receiver.....	12
5.3.1. Battery exchange .....	13
6. USER MENU.....	14
6.1. Eco Flow .....	14
6.2. Relay - control of additional optional lighting .....	15
6.3. Fan/damper control or LED.....	16
6.4. Date and time settings.....	16
7. INSTALLATION MENU.....	17
7.1. Time format of 12-hour or 24-hour .....	17
7.2. User Menu Settings.....	17
8. CONTROL.....	18
8.1. Manual control.....	18
8.1.1. Ignition of the device .....	19
8.1.2. Flame height adjustment .....	20
8.1.3. Switching on and off the side sections of the furnace.....	20
8.1.4. Turning off the device .....	20
9. SIGNAL QUALITY.....	21
10. TROUBLESHOOTING.....	21
11. MAINTENANCE.....	24

11.1.	Cleaning of the glass with anti-reflective coating (if delivered) .....	24
12.	ENVIRONMENTAL PROTECTION.....	25
12.1.	The device .....	25
13.	WARRANTY.....	25
14.	TECHNICAL SPECIFICATIONS .....	26
15.	CONTACT DETAILS OF THE MANUFACTURER .....	28

## 1. INTRODUCTION

The Planika company designs and manufactures gas heating devices that meet the highest standards of quality, efficiency and safety. The device has a CE marking, which means that it meets the essential requirements of the Regulation (EU) 2016/426 relating to Devices burning gas and compliant is with Standard EN 509: 2002 for Gas Appliances with Decorative Combustion Effect, and EN 778: 2010.

Each gas fireplace produced by Planika is subjected to factory quality control, during which it undergoes rigorous safety tests. Materials of the highest quality used for its production guarantee the user a smooth and reliable functioning of the device.

The device is delivered together with the instruction manual and assembly instructions. The assembly instructions provide the necessary information to install the device in such a way that it works properly and safely. In addition, you can find technical data about the device, information on its maintenance and possible failures that may occur, along with their possible causes and how to resolve them.

**WARNING!** The installer must be a certified and qualified specialist in gas heating and electricity and should have all the qualifications required by local law.

### CE Declaration of conformity

We hereby declare that both the design and construction of a gas heating device manufactured by Planika Sp. z o.o. (with registered office at Bydgoska 38 86-061 Brzoza Polska) meet the essential requirements contained in the Directive and the Ordinance on gas appliances.

**Product:** Gas device with decorative combustion effect with draft interrupter and atmospheric burner, discharging flue gas to exhaust duct (B11), with fan located behind the draft interrupter (B14), discharging the fumes with a separate flue pipe led over the roof of the building (B41) and with forced flow air led out above the roof of the building or through the external wall of the building (B44).

**Type:** SINATRA 800-2400, SINATRA CampFire, VERSAL 400-1000 in versions: LF, F, FR, LFR, T, W, RD

**Directives:** 2014/35/EU; 2014/30/EU

**Regulation:** 2016/426/EU


**Standards:** PN-EN 509: 2002/A1: 2002/A2: 2002; PN-EN 778: 2010; PN-EN 437 + A1: 2012; PN-EN 60335-2-102

Model	Sinatra 800	Sinatra 1200	Sinatra 1600	Sinatra 2000	Sinatra 2400	Sinatra CampFire
Type	SIGA/01	SIGA/02	SIGA/03	SIGA/04	SIGA/05	SIGA/CF
Series of types	SIGA/01/xx/H	SIGA/02/xx/H	SIGA/03/xx/H	SIGA/04/xx/H	SIGA/05/xx/H	SIGA/CF/xx/H
* xx - Type of glazing (LF, F, FR, LFR, T, RD, W)						

The notified body: the Oil and Gas Institute - National Research Institute (Lubicz 25 A street, 31-503 Kraków, Unit number: 1450) carried out and on 09.10.2018 issued the certificate no. GAR1450CT0048 for the above mentioned devices.

The company's quality control system guarantees that the mass-produced devices meet the essential requirements of the applicable Directives and Regulations as well as the standards contained therein. This Declaration is annulled if any modifications are made to the device without the prior written consent of Planika.

Brzoza 02.02.2018

 **PREZES ZARZĄDU**  
Jarosław Dąbrowski

Chairman of the Board  
Jarosław Dąbrowski

## 2. GENERAL INFORMATION

Gas fireplaces SINATRA are devices with an open chamber and a decorative combustion effect with a nominal thermal load not exceeding 20 kW (Hi), which use the highest class advanced automation to control the gas valve. The appliance complies with European directives regarding safety, the environment and energy consumption. The air needed for the combustion of gas is supplied to the furnace from the outside and the gases generated during the combustion process are discharged outside the building by an insulated flue pipe. The safety of the entire system is controlled by a series of systems and a draft interrupter with a thermal sensor, which will switch off the device in the event of detecting a blocked chimney. Additionally, in order to ensure proper chimney draft, the device can be installed together with an exhaust fan equipped with a vacuum sensor, which after detection of appropriate strings will allow the fan controller to start the fireplace and in conditions of insufficient chimney draft will increase the fan speed or turn off the whole device. This provides the user with 100% safety, making the fireplace completely independent of the weather conditions and type of ventilation installed in the building.

Gas fireplaces SINATRA are decorative appliances intended for indoor use only and can be supplied with natural gas or liquefied propane or propane-butane gas. The devices are manufactured in seven versions of glazing, thus adapting to any installation variant, so as to be able to fully meet the requirements of even the most demanding customers. Regardless of the variant and the length of the SINATRA fireplace, they are equipped with automation and protection of the same type, and the way of their connection to the gas system and the chimney system is identical. The user can also choose a variant of the fireplace interior design, and the control can be carried out by using remote control attached to the device or through the intelligent building automation system

## 3. SAFETY

**WARNING!** It is obligatory to carefully read the installation and operating instructions before installing and using the fireplace series SINATRA. This manual should be retained for the life of the device.

**WARNING!** The device must be installed in accordance with the relevant national and local regulations. Connection to the flue pipe, wall and roof transitions as well as all elements used to install the fireplace should be made in accordance with applicable standards of national construction law.

To ensure the safe installation and trouble-free operation, please use the following precautions and observe the following safety rules:

- The device can be installed and serviced only by certified and skilled professional specializing in the field of gas heating and electricity.
- The installation of the unit must allow trouble-free access to all components which may require maintenance and service and free access to the front window closing system.
- Do not use the device before you fully install it in the chosen destination.

- Fireplace series SINATRA should be monitored at least once a year in accordance with this installation manual and as well as all applicable national and local regulations concerning safe installation and use of gas appliances.
- Make sure that the information on the nameplate are consistent with the local type of domestic gas and pressure.
- Do not change the structure of the device and its sealed components or modify the default settings of the fireplace.
- The components of the control system with the gas valve cannot be exposed to moisture.
- Carbon dioxide (CO<sub>2</sub>) or powder extinguisher must be placed near the unit.
- Before connecting the device you should familiarize yourself with all connecting schemes (including electric), set out in the manual.
- The first time you turn on the fireplace SINATRA, it is necessary to use it at the maximum level of the flame for a few hours so that the elements warm themselves, and possible small residues of paints, coatings and lubricants will evaporate.
- During the first hours of use of the device, additional ventilation and ventilation of the room is recommended, to quickly remove the characteristic smell fire resistant paint.
- **WARNING!** When you first start your device, the installer should perform the leak test on all gas connections, check the connections of all elements of the system (including the proper connection to the concentric air combustion system) and check the correct operation of all the items, in particular system of ignition and flame failure protection system.
- Do not move the device during its operation.
- The surface of the fireplace series SINATRA may strongly heat up during use - up to more than 100 °C.
- **WARNING!** Accessible parts of the devices, including the glass (if installed), can become very hot. You absolutely must protect children from contact with the working device!
- In case of failure of any of the glass panels, please contact your service provider or distributor.
- The device should be installed away from flammable materials.
- All metal parts of the fireplace series SINATRA are constructed of materials resistant to rust or covered with corrosion coating.
- Never leave the fireplace SINATRA unattended (as in the case of any other type of fireplace or fire in the room). Fireplace series SINATRA should be installed out of reach of children, unauthorized persons and animals so direct contact with hot parts of the fireplace is not possible.
- In case of feeling any gas leaks, immediately turn off the fireplace and, depending on the type of fuel, close the main valve on the gas cylinders LPG or close the valve supplying natural gas to the device. You should also ventilate the room in which the fireplace is installed and contact the service staff.
- If the unit is not used for a long time, depending on the type of fuel, close the main valve on the LPG cylinder or close the valve supplying natural gas to the device.

### 3.1. Safety instructions

- **WARNING!** The device is powered by a voltage of 230 V AC, 50 Hz
- SINATRA fireplaces are not standalone devices and are intended only for installation.
- At least once a year you should make an overview of the device maintenance.
- Always observe the minimum distances between combustible walls of the housing and the device.
- Combustible materials should be placed no closer than within 1 m from the unit.
- Only decorative accessories attached to the device by the manufacturer should be placed on the furnace (logs, stones, vermiculite or ash imitation). These accessories should be installed as described in this manual. Incorrect placement of decorative materials may result in shortening the useful life of the furnace and its damage.
- **WARNING!** Make sure you don't place any decorative elements around the ignition and ionization electrodes.
- Before the final installation and before starting to construct the fireplace housing, make sure that blast-resistant flaps at the top of the device are in correct position and whether they were properly attached to the sealing surface.
- If the ignition of the device is incorrect or the Fireplace will fail, you should close the gas valve and contact the installer and make sure that the device is not energized.
- If there is no ignition of the device after three restarts and permanent lock of the device activates, reset by disconnecting from the power source may be impossible. In such cases, please contact your distributor or installer.
- In the event of damage or break the glass, the device cannot be used and you must close the gas valve and immediately request glass
- The remote control should be kept out of reach of children and unauthorized persons not familiar with the unit's User Manual.
- If the device is not used for an extended period of time, close the gas valve and remove the batteries from the remote control. This will prevent damage due to battery leakage.
- It may happen that the device will turn off automatically and immediately turns on. This is not a failure, but test procedure resulting from the design and configuration of the driver, because the control device is subject to strict safety requirements. From the moment you connect a device driver to a power source, the driver will perform this test every 24 hours. If the device is currently lit, it goes off and immediately turns on again.
- **WARNING!** To prevent incidental turning on off the device (e.g. by any external radio signal,), you should take extra precautions against switching on the machine without supervision (e.g. an additional switch of electricity on the power cord; closing the ball valve on the gas supply line to the device) in order to avoid damage to objects or injuries and the use of to all safety instructions in this manual.
- **WARNING!** If the appliance is going to be connected to the existing chimney, it must be swept before the appliance is installed and the flue test in accordance with national regulations must be carried out.
- **WARNING!** Chimney should be checked regularly to ensure that all the products of combustion are entering the flue or canopy, as applicable, and that there is no excessive build up of soot.

- **WARNING!** Fresh air supply and ventilation ducts should be checked regularly to ensure that it is free from obstruction.
- Debris from any source, or any soot formed shall require removal by qualified service personnel or chimney sweep.

### **3.2. Safety instructions for the use of gas cylinder**

- Use only the type of gas and pressure specified on the label by the manufacturer.
- Gas cylinders should always be in an upright position - both during use and transport.
- A storage of the gas cylinder should be located in a place easily accessible to allow its immediate closure.
- During installation, never approach the gas flame or any other source of fire.
- Gas cylinder should not be closer than 1.5 m from the fireplace SINATRA.
- Any leaks should be located using a mixture of water and foaming cleaning fluid. The resulting air bubbles indicate a leak.
- Always use a pressure reducer between the cylinder and the device. Replace pressure regulator at least every 5 years. Permissible pressure: 30mbar, 37mbar (recommended), 50 mbar. Use only regulators that meet the requirements of European Standard EN16129.
- Use only approved and certified cables connecting gas (flexible hose). Replace them at least every 2 years.
- Flexible hose supplying gas to the unit should be located away from sharp edges and hot surfaces. Avoid bends and twists of flexible connections along the whole length.
- Note that the gas cylinder LPG should be installed in well-ventilated areas. LPG gas is heavier than air and its accumulation on the substrate can lead to the formation of explosive mixtures.
- Optional housing, which cylinder of LPG will be placed at, must have adequate ventilation. It must have an upper ventilation opening above the top of the cylinder (with min 1/100 base surface of the installation) and a lower vent opening at its base (with min 1/50 base surface of the installation).
- Turn off gas cylinder, if the device is not in use.
- Filling the gas cylinders should only be done at certified gas filling stations.
- Exchange of empty bottles for full should take place only at authorized points.

### **3.3. Protection against backward chimney draft**

All Sinatra series fireplaces are equipped with a thermal sensor on the draft diverter as standard. It prevents operation of the device in case of blockage or complete block of the flue pipe. It prevents the fireplace from being used when there is a backward draught and a dangerous release of smoke and combustion products, including carbon monoxide, which is the most dangerous for human and animal health and life, into the room where the fireplace is installed. Reverse draught occurs when air enters the room through the flue pipe due to ventilation disturbances in very airtight buildings. The air is sucked in through all other available ducts, including those for combustion and ventilation purposes, instead of through dedicated air supply ducts. Backward chimney draft can also be created in the case of mounting, in buildings where open combustion chamber devices are used, mechanical exhaust ventilation, including



kitchen hoods. In this case, backward chimney draft occurs when the efficiency of the exhaust fan (e.g. in kitchen hood) exceeds the efficiency of micro ventilation in the room, and the resulting negative pressure leads to the intake of air through the combustion ducts.

When backward chimney draft appears, the air flow into the room through the open combustion chamber and through the draft diverter installed on the device. In such a case, when the fireplace starts up, hot and light exhaust fumes are blocked by cold air and directed to the thermal sensor (installed on draft diverter), instead of going through the fireplace's hood to the flue. It results in the interruption of the device operation.

In this case, the fireplace will automatically switch off and error code **F08** will appear on the remote control. The unit can be restarted after the cause of the backward chimney draft or blockage of the flue pipe have been eliminated. Error F08 will remain on the remote control until the thermal sensor cools down below its activation temperature.

**WARNING!** In case of repeated operation of the spillage monitor, a specialist should be informed.



**WARNING!** The spillage monitoring system shall not be adjusted by the installer.

**WARNING!** The spillage monitoring system shall not be put out of operation.

**WARNING!** When the spillage monitoring system, or any of its parts is exchanged, only original manufacturer's parts shall be used.

## **4. USAGE**

Before first use of the fireplace, make sure that all connections of individual elements of the system have been made according to the instructions. Incorrect connection of system components for gas or faulty connection combustion system may cause an improper operation of the device or damage it.

### **4.1. First use**

The first time you turn on the fireplace SINATRA, it is necessary to use it at the maximum level of the flame for few hours so that the elements warm themselves, and possible small residues of paints, coatings and lubricants will evaporate. During this period, additional ventilation and ventilation of the room where the appliance is installed is recommended, because the characteristic smell of evaporating powder paint may be felt for about another hour of use. It can be particularly sensitive to volatile vapors may be pets (mainly birds).

If during your first startup of the device, sediment will appear on the inner surface of the glass (glasses), turn off the device and allow it to cool to room temperature, and then clean the glass (see section 11. 1). The formation of the RAID is caused by burning volatile components of paints, which initially may also have an impact on the image of the flame.

Fireplace installed in the housing should be fired for the first time after complete drying of all the walls of housing. This prevents the formation of cracks due to shrinkage of the materials. If the walls of the fireplace housing are made of stone materials, leave it to dry for at least 6 weeks prior putting the unit into operation.

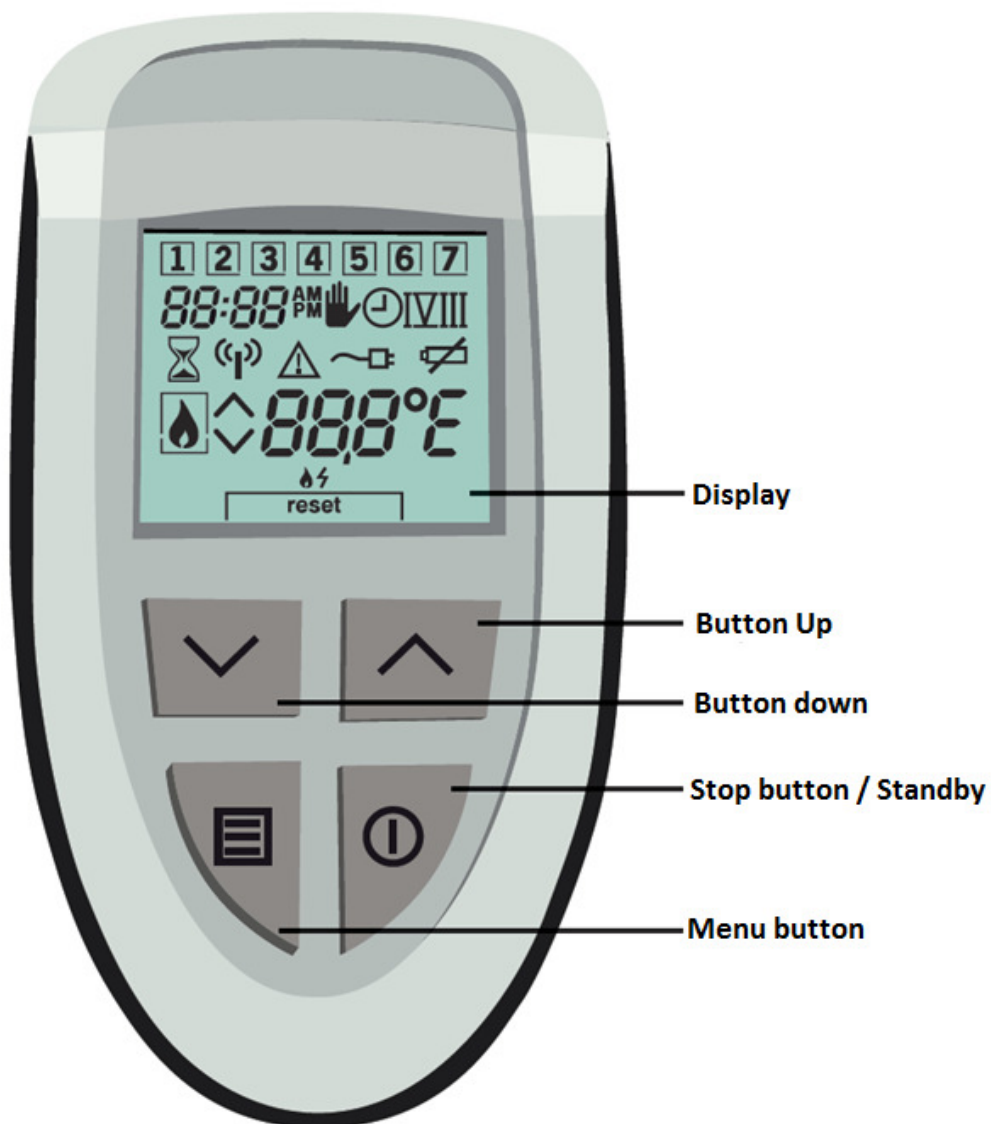
### **4.2. Discoloration of walls and ceilings**

When using gas heating, you can meet with a phenomenon of electrolytic colouring of walls and ceilings. It is caused by the movement of air convection, and dust particles contained therein. Brown discoloration may also occur during combustion of substances as a result of inadequate ventilation, smoking, the use of candles and oil lamps. These problems can be partially prevented by ensuring adequate ventilation the room in which the device is located.

## 5. REMOTE CONTROL



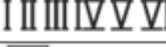










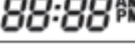



The device is equipped with a wireless radio remote control (868MHz) enabling manual change of the flame height. It also has a built-in temperature sensor, which can be read on the LCD display.

### 5.1. Display and buttons







Picture 1: Rmote Control

## 5.2. Explanation of symbols

	<b>Manual Control</b>
	<b>Active timetable</b>
	<b>Active period</b>
	<b>Closed fireplace (on the left) and open (on the right)</b>
	<b>Decorative flame on</b>
	<b>Decorative flame can be ignited.</b>
	<b>Decorative flame error, you can reset</b>
	<b>Burner off/setting down (on the left)</b>
	<b>Burner on/setting up (on the right)</b>
	<b>Operation in progress (e.g. when decorative flame is turning on)</b>
	<b>Failure</b>
	<b>Radio communication</b>
	<b>Batteries low (flashing symbol)</b>
	<b>Display format of discharge 12-hour or 24-hour</b>
	<b>Days of the week. Square indicates current day</b>
	<b>Temperature display</b>
	<b>Temperature sensors error</b>


### Buttons:

	<b>Increase settings or change the selection</b>
	<b>Decrease settings or change the selection</b>
	<b>Choose the menu and choice of the menu</b>
	<b>Stop the set up menu or go to standby mode</b>



## 5.3. Setting connection between the remote control and the receiver

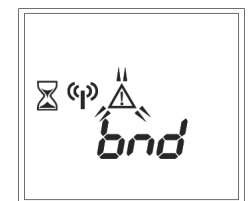
After replacing the batteries or during your first installation, you must establish the communication code between the remote control and the receiver to be able to use the wireless remote control. The receiver is in the mounting bracket together with the gas valve and electronic control unit.

The remote control can communicate with a device only when it is registered on the device . To do this, you must do the following:

- Press and hold the button  on the remote control for 10 seconds.
- Then press for a short time the same button several times until screen „1” appears.



- Briefly press buttons  and  at the same time until screen 2 appears. After a successful completion of the process of setting up the communication, startup screen will be displayed.  
If the connection fails, screen 1 will appear again.




Setting a new communication code is required after each battery replacement or after power failure for more than 5 minutes.

**WARNING!** It cannot be ruled out, although it is unlikely that the ignition of the device can be started unintentionally by other remote controls (for example, remote control of another gas heater, car remote control or remote control for garage doors working in the 868 MHz band). As a result, the device can be ignited at the wrong time, also during our absence. In the event of such situation, you must take the following preventive measures:

- establish a new communication code between the remote control and the receiver (if accidental ignition took place).
- Close the gas valve near the device, if the device will not be used for an extended period of time. This is the safest remedy.
- Change the position of the receiver to minimize the possibility of receiving unwanted radio signals.
- Follow the specific instructions of the security measures, even if the device is not in use.

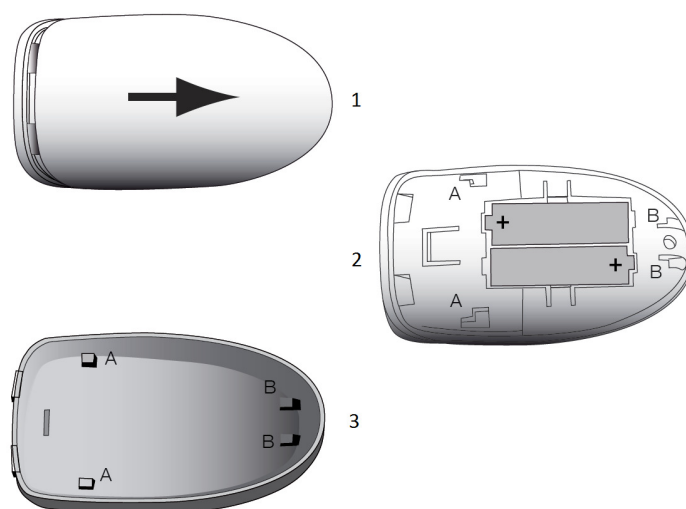
### 5.3.1. Battery exchange

Before using the remote control you must place the two supplied batteries (type AA). After inserting the batteries and after connection to receiver, the remote control is ready to operate the fireplace by manual adjustment of the flame height. To extend battery life, after some time the button was last pressed, the screen goes blank, unless the device is turned on.

If the display shows the flashing symbol , replace the batteries. If the batteries are completely discharged, the display goes off. Therefore, you should replace the batteries in the remote control. To change it, you should:

- Remove the back cover of the remote control by moving it a few millimeters down (Picture 2, Part 1) and lifting it to the top.
- Remove the old batteries from the housing.
- Place the new battery pack in the housing (Picture 2, Part 2).
- Mount the back cover of the remote control, placing the tabs A and B of the rear cover (Picture 2, Part 3) in the corresponding notches of the remote control housing (Picture 2, Part 2).

- Push the rear cover upwards to lock it.
- After replacing the batteries, re-establish communication code, the current time and day of the week (it is necessary if you use the time schedule).



Picture 2: Battery exchange in the remote control



**WARNING!** Do not throw exhausted batteries together with other household waste, but dispose of them as chemical waste.

## 6. USER MENU

The user menu is composed by default with five screens that allow you to access the following features:

- Screen 1: Eco Flow
- Screen 2: Relay (additional electric receiver such as lighting)
- Screen 3: Fan / Damper
- Screen 4: Choice of control options
- Screen 5: Time menu




If the user do not plan to use all the options and related features available in the user Menu, the user can disable it through the appropriate configuration in the installation Menu. These features will no longer be visible in the user Menu on the remote control.

To activate the user Menu, you should press and hold button  for 2 seconds. You can go out of User Menu by pressing  button or after waiting five seconds of pressing the last button.

### 6.1. Eco Flow

Eco Flow, allows you to change the height of the flame automatically, within a programmed range, without user interaction, and without need to manually change the height of the flame. This enables you to save energy and reduce gas consumption with satisfaction of preserving the beautiful appearance of the flame Using the remote control, this feature can be enabled and disabled. Please note, however, that this is only possible when the device is turned on. By default, the Eco Flow is turned off.

To activate or deactivate the feature Eco Flow, you should:

- Go to the Screen 1 of the user menu, by pressing and holding the button  for 2 seconds.
- Activate or deactivate the Eco Flow by pressing the arrow keys on the remote control  or  („1” means activating and „0” means deactivating of Eco Flow).







*Screen 1.*

## **6.2. Relay - control of additional optional lighting**

Gas valve control electronics gives you the ability to connect an optional lighting (for example, to highlight the Interior of the housing) or any other electric receiver and allows you to control it with the remote control. Built-in relay can be used to control the AC Receiver (max 230V AC/0, 5A).

This feature can only be turned on and off by using the remote control. To activate or deactivate receiver connected to electric relay, you must:

- Go to Screen 2. Of the user menu, by pressing and holding button  for 2 seconds. Then, again press the button .
- Enable or disable electric receiver function by pressing the arrow buttons on the remote control  or  („1” means activating and „0” means deactivating).







*Screen 2.*

### 6.3. Fan/damper control or LED

Electronics controlling gas valve gives you the ability to connect and control via optional fan or throttle powered with AC (max 230V AC/0, 8A), mounted for example in the wall of the fireplace housing. The fan can be used to improve air circulation within the housing or to distribute warm air from inside the housing to the other rooms.

Using the remote control this function can only be switched on and off. To enable or disable connected fan you should:

- Go to Screen 3. Of the User Menu, by pressing and holding the button  for 2 seconds. Then briefly press twice the button .
- Enable or disable fan by pressing the arrow buttons on the remote control  or  („1” means activating and „0” deactivating).







Screen 3.

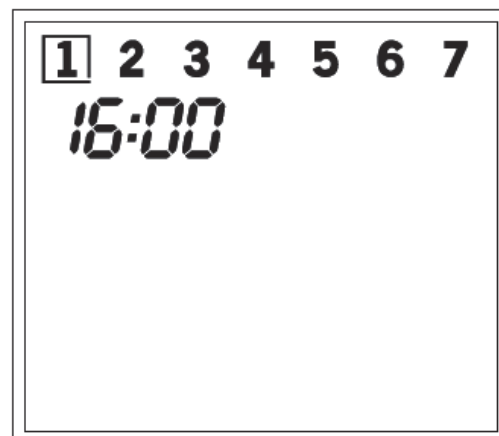
### 6.4. Date and time settings

In the Time Menu (Screen 5 User Manual) the following settings are available:

- Time

To change the current settings, you should:

- Go to Screen 5 in the User Menu, by pressing and holding the button  for 2 seconds. Then briefly press four times the button . The currently set time starts flashing.
- Using the arrow keys  or  set the correct time on the remote control.







## 7. INSTALLATION MENU

The following options are available in the installation menu:




- Time format of 12-hour or 24-hour,
- User Menu Settings activation/deactivation

To activate the Installation menu you should exit the User Menu (if it is enabled), and then press and hold the button

 for 10 seconds. You can leave Installation Menu after pressing the button  or after waiting five seconds of pressing last button.

### 7.1. Time format of 12-hour or 24-hour

To change the time display format:



- Press and hold the button  for 10 seconds. The currently selected time display format starts flashing.
- Change the format of the time display by pressing the arrow buttons on the remote control  or .






### 7.2. User Menu Settings

It is possible to configure the options in the User Menu, including the deactivation or change the default settings of Eco Flow function, work status of Relay "L" and use of Fan/Damper "B".

To change the default settings for the options that are available in the user Menu you should:

- Press and hold the button  for 10 seconds, and then briefly press again the  button. Current state of function Eco Flow marked with digit will start flashing.





- Select the desired state of the option available in the user Menu by pressing the arrow buttons on the remote control  or :
  - 0 = not available in the menu
  - 1 = by default, always off
  - 2 = by default, always on
  - 3 = last position
- To go to the configuration of the Relay operating mode and the Fan support you must again press the  button.

## 8. CONTROL

The remote control has a display and four buttons. Thanks to this, operation of the device is simple and settings can be easily changed. There are two settings Menu available:



- User Manual (see chapter 6)
- Installation Manual (see chapter 7)

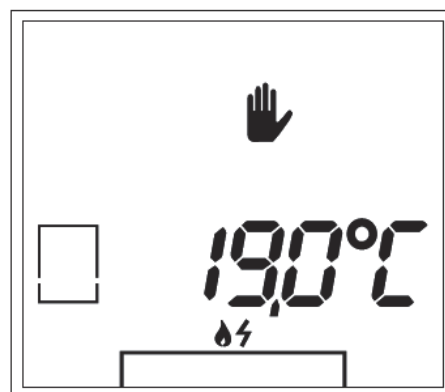
To activate the User Menu, press and hold the button  for at least 2 seconds. To activate the Installation menu, press and hold the button  pressed for 10 seconds.



### 8.1. Manual control

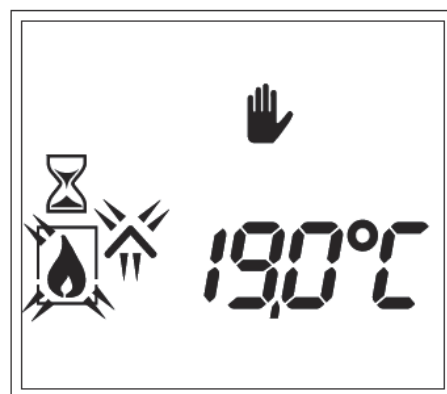
After selecting the device manual control in the user Menu, the device switching on and off as well the height of the flame is carried out manually.

### 8.1.1. Ignition of the device



To start the process of firing the device, which is ready for use in manual mode, simultaneously press and hold for at least 2 seconds  and  buttons on the remote control. The gas supply to the furnace will open and you will hear the sound of working ignition electrodes.

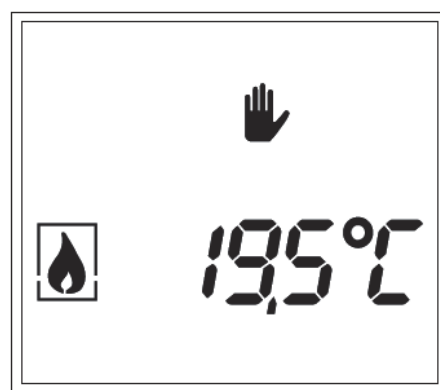


During the ignition on the screen of the remote control, symbols  and  will start flashing, which indicates the fact that, the ignition process of the device is taking place and you will also see the hourglass symbol, which will not let you manipulate the fireplace. In the first place the middle section of the device will be lit on 50% of its power. After about one minute solenoid valve gas supply turns on to the side section of the furnace and the device switches to its full performance. The hourglass symbol will disappear which indicates the end of the ignition process.










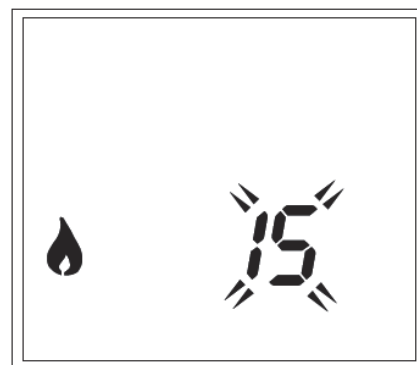
**WARNING!** If there is no ignition of the device after three restarts and the permanent device lock activates, it may be impossible to reset it by disconnecting the power source. In such cases, contact your dealer or installer.

When the symbol  on the screen will disappear and symbol  will stop flashing, it means that the ignition of the device was completed correctly, and the fireplace is ready to use. From that point on, manual flame height adjustment will be possible.







### 8.1.2. Flame height adjustment


To change the height of the flame, you must press once button  or  on the remote control. You should see on the screen flashing, currently set value of the flame height. Set the required flame height by using the buttons  or . Depending on which button is pressed, the symbol  or  will be briefly visible on the screen. Flame height can be set as a numeric value in the range from 1 (the lowest flame) to 15 (highest flame). By default, the device is started at the highest flame level that can only be adjusted when the machine is turned on. You can go back to the main screen by pressing the button  or wait five seconds after pressing the last key.





### 8.1.3. Switching on and off the side sections of the furnace

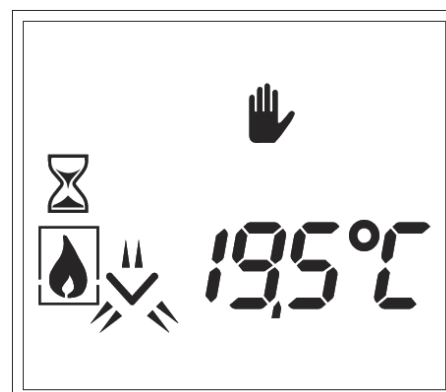
The side sections of the furnace can be turned on or off by using a combination of buttons on the remote control:

- Simultaneous pressing buttons  and , will disable the side sections of the furnace.
- Simultaneous pressing buttons  and , will enable the side sections of the furnace. The middle section of the furnace enters the highest flame mode (to ensure proper and immediate firing of the side sections) and after a moment, it returns to a level where it was before turning on the side section.



Switching on and off the side sections of the furnace is only possible when the device is in manual mode, which symbolizes the sign  on the screen.

### 8.1.4. Turning off the device

To turn off the device, you should press the  button on the remote control. Hourglass will appear on the screen and the symbol  will start flashing, which means that the turning off the device is in progress. When you turn off the device, the default screen will be displayed again and the hourglass will appear, indicating that for security reasons, rebooting of the device will be possible only after 3 minutes from the moment it was switched off.





## 9. SIGNAL QUALITY

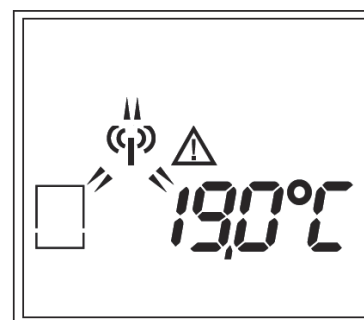
To check the quality of the signal between the transmitter (remote control) and the receiver located in the mounting bracket together with the gas valve and the control unit, you should press simultaneously buttons  and .

The screen will show the RSSI value (received signal strength indicator), which means:

- from -20 to -80 – good received signal strength,
- from -80 to -100 – Poor received signal strength. In order to improve the signal strength you should place the remote control closer to the unit or change the position of the receiver to minimize the possibility of receiving unwanted radio signals.



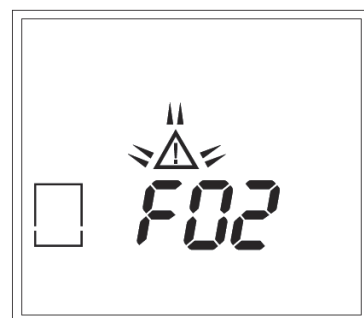
In the event of a communication error between the remote and device, this error will be indicated by a failure sign  and the flashing sign of lack of communication  on the remote's screen. Most likely, the distance between the device and the remote control is too large and the remote should be placed closer to receiver. If the error persists despite the change in the distance between the remote and the receiver, you must again carry out the process of establishing communication code (Section 5.1).





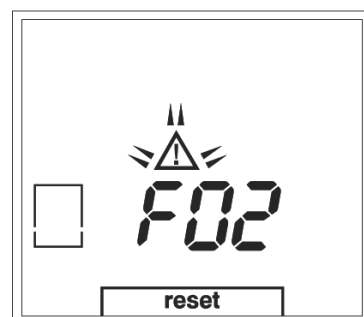
## 10. TROUBLESHOOTING

**WARNING!** Installation, repair and maintenance must be performed by trained installer with the appropriate permissions, service company or gas supplier.

In case of any fault or failure an error code indicating the potential emergency situations will display on the screen of the remote control. The display will show the letter "F", after which you will see a two-digit error code. Full list of error codes is shown in the table below, which presents a summary of any incident that may occur, possible causes and ways to overcome them.



The error code can be reset by simultaneous pressing the buttons  and  on the remote control (when the device is not permanently locked, eg. following repeated ignition attempts). The error code will disappear and it will be possible to restart the device. **WARNING!** You cannot use the device if the fault is repeated. Please contact your installer.



In the case of an error message F01 or F08 you can reset and try to turn the device on up to 3 times in a row. If ignition fails, F00 error appears on the display and ignition is not possible for another 30-minutes.

ERROR CODE	FAULT	POSSIBLE CAUSE	REPAIR
	<b>SMELL OF GAS</b>	<b>IMMEDIATELY CLOSE THE GAS VALVE ON THE GAS CONNECTION. DO NOT USE THE APPLIANCE UNTIL SPILLS ARE FULLY REMOVED</b>	
F00	Flame not detected in time and the burner control doesn't report a failure.	F01, F07 or F08 appeared 3 times	Device blocked. Wait 30 minutes before trying again.
		No spark	Make sure that the distance between the electrodes is 3-4 mm
		No Gas	Make sure, there is a gas connection
F01	The lack of communication between the receiver and the automation controller	Communication cable does not make any contact	Make sure that the contacts of the communication cable ensure correct contact
		Damage to the communication cable	Replace the communication cable
F02	Overheating of the receiver (60 °C above room temperature)	Poor ventilation by the receiver	Improve ventilation at the receiver
		The receiver is in contact with the hot parts	Move the receiver so that it does not touch the hot parts
F03	Internal NTC sensor( of the receiver) is not working properly	Damaged receiver	Replace Receiver
F04	External NTC sensor is not working properly	External NTC sensor or wiring are damaged	Replace the NTC sensor or wiring
F05	Internal security error	Damaged receiver	Replace Receiver
F06	Lack of communication between the transmitter and receiver	The transmitter is out of range of the receiver	Make sure that the transmitter is located near the receiver
		Any obstacles between the transmitter and the receiver may interfere with the signal	Remove any obstacles between the transmitter and receiver
		Power transmission is too weak	Check the power transmission (see. Instruction Manual Chapter 9)
F07	Flame not detected in time and the burner control doesn't report a failure.	No spark	Make sure that the distance between the electrodes is 3-4 mm
		No Gas	Make sure, there is a gas connection
F08	No ionisation / The burner control reports a failure and the flame could not be detected in time.	No spark	Make sure that the distance between the electrodes is 3-4 mm
			Replace the ignition electrodes
			Check if the cables for the ignition electrode are connected correctly
		No Gas	Make sure, there is a gas connection
		Poor transfer of the flame from the main burner	Check the position of the blocks of wood / debris
			If necessary, remove dust and dirt from the holes of the burner

		Extinguishing of the flame at the ionization electrode (braising or picking of the flame)	Check the tightness of the fireplace combustion chamber, proper adhesion of glass to each other on the edges, as well as correct position of the seals and downforce strip
			Check restrictor setting
		No good flame under ionization pin (suffocating flame)	Check position blocks/chips
		Ionisation electrode not inserted correctly	Place the electrode in the right place
		Blocked ionization electrode (measure ionization current flow, when $> 0$ and $< 1.8 \mu A$ )	Remove any residue vermiculite or debris from the burner
		Faulty ionisation electrode (measure ionisation current if 0 electrode is damaged)	Replace the ionisation electrode
		Triggered shock sensor (shake)	Check the sensor connection. Check whether the construction of the fire housing has not been damaged (cracked)
F12	There has been no release of ESYS	ESYS under permanent blockade	Wait half an hour until ESYS resets itself
F13/F14	(ionisation $< 0.8 \mu A$ ) Flame loss when only the main burner (F13) is on or both burners (F14) are on	Too low gas pressure or no gas in the system	Check the gas supply
		Damage to the coil of the gas valve	Replace the coil of the gas valve
		Throttling flame	Check the patency of the combustion air system
		24 hour control	Reset using the remote control
		Ionisation pin short-circuited	Remove chips, vermiculite or glow material lying against the ionisation pin
		Ionisation current too critical ( $0.8 \leq \text{ionisation} < 1.8 \mu A$ )	Increase ionisation current to $\geq 1.8 \mu A$ by rearranging vermiculite, and removing chips and dust from the burner openings
F15	No automatic control ESYS	Loosening of the automation control	Fix the automatic control
		Not properly installed automatic control	Install properly automatic control
	High Limit error	Electrodes by the gas adjustment block connector are bent	Straighten them
		Damage to the bridge of the upper limit	Check the bridge of the upper limit ESYS
F16	Hardware failure ESYS	Damage ESYS (burner module)	Exchange ESYS (burner module)

## 11. MAINTENANCE

**WARNING!** The device should be maintained and serviced by a competent installer.

At least once a year the unit should be checked in order to operate properly and safely. The device cannot be used in case of damage or glass breakage. In this case, close the gas valve and immediately have the glass replaced. Do not change the design and sealed components or modify factory settings of the device under no circumstances.

The user can clean the exterior of the device, without using for this purpose corrosive and aggressive detergents. The warranty does not cover damage to the paint resulting from mechanical damage e.g. falling objects or placing them at the border of the device.

### **11.1. Cleaning of the glass with anti-reflective coating (if delivered)**

**WARNING!** The glass must be removed and cleaned only when it is cooled down to room temperature, and the device is turned off.

**To prevent damage to the coating layer on the anti-reflective glass is prohibited to use hard sponges, steel wool, abrasive cleaners and cleaning products containing ammonia.**

Most of the sediments formed on the glass can be removed with a microfiber cloth. Other materials, such as paper or kitchen towels, etc., may cause scratches and in the case of anti-reflective glass can also cause permanent damage to the coating. Use only chemically inert cleaners (neither acidic nor alkaline), for example. Instanet or Glassex.

Glass must first be wiped from both sides carefully with a damp cloth (or a soft sponge) to collect all the dirt and then wipe it with a dry Microfiber cloth that came with your device. Always thoroughly dry the glass as formed on the surface stains can irreversibly melt into the glass. In the case of larger dirt, for pre cleaning of the glass, you can use liquid for cleaning ceramic hobs or window glasses. But always at the end of the glass cleaning process, make sure you wipe it dry (after washing off the cleaning liquid with clean water) with a microfiber cloth attached to the device. If the glass is transferred by means of vacuum suction, keep in mind that the rubber suction cup must be clean and dry to avoid damaging the anti-reflective coating. If visible traces of the suction cup will remain on the glass, they should be removed.

**WARNING!** You should avoid leaving fingerprints on the glass. They will be burned out on it after the device starts working and you will not be able to remove them. The frequency of cleaning the glass should depend on the assessment of the contamination degree.



## 12. ENVIRONMENTAL PROTECTION

Packaging materials must be utilized in accordance with regulations. Batteries are considered to be small chemical waste and should be disposed in special containers.

### 12.1. The device

When the unit reaches the end of its life, you should proceed carefully, so the parts are suitable for reuse.

Before removing the device, you should do the following:

- Close the gas valve.
- Disconnect the 230 V AC.
- Unscrew the cable connecting the device to the gas valve.
- Remove the device.

Do not place the product in unsorted waste and take it to an official collection point for this type of waste. For this purpose, please contact your local authorities for information about the available systems of delivery and acceptance of this type of waste.

## 13. WARRANTY

Planika Sp. z o.o. grants the Client guarantee of quality for the smooth operation of the goods specified on the sales document. The warranty is determined for a given period from the date of purchase (based on the warranty card together with the receipt of purchase). The warranty period starts at the moment of purchase of the original product by the first end user. Product may consist of several separate parts and different parts may be covered by a different warranty periods. The manufacturer gives 2 year warranty from date of purchase an insert for its smooth operation. Fireplace sealing is covered by warranty for a period of 1 year from date of purchase an insert. Guarantee does not cover: Decorative insulation panels, decorative ceramic logs and glass. The use of the fireplace insert, way of connecting to the chimney and operating conditions must be in accordance with the user manual. The basis for the free repair covered by warranty is a warranty card. Warranty Card will expire without a date, stamps, signatures, as well as the amendments made by unauthorized persons. Customer entitlement under the guarantee will expire automatically: after the warranty period. Any damages caused by improper handling, storage, of poor maintenance, incompatible with the conditions laid down in the manual and due to other reasons not due to the fault of the manufacturer, will void the warranty. In the event of a complaint, always contact your dealer. Supplier will contact the company Planika, if it deems it necessary. Factory Warranty is valid for 2 years from the date of purchase. Details of the warranty are available on the <http://www.warranty.planikafires.com/>.

## 14. TECHNICAL SPECIFICATIONS

### SINATRA 1200

TECHNICAL SPECIFICATIONS							
Model	SINATRA 1200 F, SINATRA 1200 LF, SINATRA 1200 FR						
	SINATRA 1200 LFR, SINATRA 1200 W, SINATRA 1200 T, SINATRA 1200 RD						
Type	SIGA/02/F/H, SIGA/02/LF/H, SIGA/02/FR/H, SIGA/02/LFR/H, SIGA/02/W/H, SIGA/02/T/H, SIGA/02/RD/H						
Version	To be built-in						
Combustion	Open combustion chamber						
Supply and discharge system	Conventional Flue 200 mm						
Flame protection version	Separate ignition and ionization electrodes						
Protection against backward chimney draft	Yes / Thermal sensor						
Type of the device	B <sub>as</sub>						
Weight of the device	140 kg						
Appliance category		I2E(20), I2H(20)	I2L(25), I2EK(25)	I2E+(20/25)	I3P(30) I3P(37) I3P(50)	I3B/P(30) I3B/P(37) I3B/P(50)	I3+(30/37)
Reference Gas		G20	G25/G25.3	G20/G25	G31	G30	G30/G31
Nominal heat input (Hi)	kW	10,31	10,29	9,82	9,39	9,39	9,20
Consumption on max output	m <sup>3</sup> /h	1,092			-		
Consumption on low output	m <sup>3</sup> /h	0,25 (*)			-		
Consumption on max output	kg/h	-			0,75		
Consumption on low output	kg/h	-			0,20 (*)		
Maximum burner pressure	mbar	9,7	14,3	18,7/23,7	22,0	24,0	29,0/36,0
Minimum burner pressure	mbar	3,0	4,4	5,7	6,3	6,6	6,6
Nozzle of the main burner	mm	2x Ø 2,15	2x Ø 2,15	2x Ø 1,85	2x Ø 1,4	2x Ø 1,3	2x Ø 1,2
Primary air opening	mm	2	1	1	7	7	5
* - on minimal output, only the middle section switched on							

### SINATRA 1600

TECHNICAL SPECIFICATIONS							
Model	SINATRA 1600 F, SINATRA 1600 LF, SINATRA 1600 FR						
	SINATRA 1600 LFR, SINATRA 1600 W, SINATRA 1600 T, SINATRA 1600 RD						
Type	SIGA/03/F/H, SIGA/03/LF/H, SIGA/03/FR/H, SIGA/03/LFR/H, SIGA/03/W/H, SIGA/03/T/H, SIGA/03/RD/H						
Version	To be built-in						
Combustion	Open combustion chamber						
Supply and discharge system	Conventional Flue 200 mm						
Flame protection version	Separate ignition and ionization electrodes						
Protection against backward chimney draft	Yes / Thermal sensor						
Type of the device	B <sub>as</sub>						
Weight of the device	160 kg						
Appliance category		I2E(20), I2H(20)	I2L(25), I2EK(25)	I2E+(20/25)	I3P(30) I3P(37) I3P(50)	I3B/P(30) I3B/P(37) I3B/P(50)	I3+(30/37)
Reference Gas		G20	G25/G25.3	G20/G25	G31	G30	G30/G31
Nominal heat input (Hi)	kW	14,26	14,23	13,58	14,76	14,76	14,46
Consumption on max output	m <sup>3</sup> /h	1,584			-		
Consumption on low output	m <sup>3</sup> /h	0,25 (*)			-		
Consumption on max output	kg/h	-			1,125		
Consumption on low output	kg/h	-			0,20 (*)		
Maximum burner pressure	mbar	9,7	14,3	18,7/23,7	22,0	24,0	29,0/36,0
Minimum burner pressure	mbar	3,0	4,4	5,7	6,3	6,6	6,6
Nozzle of the main burner	mm	3x Ø 2,15	3x Ø 2,15	3x Ø 1,85	3x Ø 1,4	3x Ø 1,3	3x Ø 1,2
Primary air opening	mm	2	1	1	7	7	5
* - on minimal output, only the middle section switched on							

## SINATRA 2000

TECHNICAL SPECIFICATIONS							
Model	SINATRA 2000 F, SINATRA 2000 LF, SINATRA 2000 FR						
	SINATRA 2000 LFR, SINATRA 2000 W, SINATRA 2000 T, SINATRA 2000 RD						
Type	SIGA/04/F/H, SIGA/04/LF/H, SIGA/04/FR/H, SIGA/04/LFR/H, SIGA/04/W/H, SIGA/04/T/H, SIGA/04/RD/H						
Version	To be built-in						
Combustion	Open combustion chamber						
Supply and discharge system	Conventional Flue 300 mm						
Flame protection version	Separate ignition and ionization electrodes						
Protection against backward chimney draft	Yes / Thermal sensor						
Type of the device	B <sub>as</sub>						
Weight of the device	180 kg						
Appliance category		I2E(20), I2H(20)	I2L(25), I2EK(25)	I2E+(20/25)	I3P(30) I3P(37) I3P(50)	I3B/P(30) I3B/P(37) I3B/P(50)	I3+(30/37)
Reference Gas		G20	G25/G25.3	G20/G25	G31	G30	G30/G31
Nominal heat input (Hi)	kW	19,74	19,70	18,80	19,70	19,70	19,30
Consumption on max output	m3/h	2,091			-		
Consumption on low output	m3/h	0,25 (*)			-		
Consumption on max output	kg/h	-			1,5		
Consumption on low output	kg/h	-			0,20 (*)		
Maximum burner pressure	mbar	9,7	14,3	18,7/23,7	22,0	24,0	29,0/36,0
Minimum burner pressure	mbar	3,0	4,4	5,7	6,3	6,6	6,6
Nozzle of the main burner	mm	4x Ø 2,15	4x Ø 2,15	4x Ø 1,85	4x Ø 1,4	4x Ø 1,3	4x Ø 1,2
Primary air opening	mm	2	1	1	7	7	5
* - on minimal output, only the middle section switched on							

## SINATRA 2400

TECHNICAL SPECIFICATIONS							
Model	SINATRA 2400 F, SINATRA 2400 LF, SINATRA 2400 FR						
	SINATRA 2400 LFR, SINATRA 2400 W, SINATRA 2400 T, SINATRA 2400 RD						
Type	SIGA/05/F/H, SIGA/05/LF/H, SIGA/05/FR/H, SIGA/05/LFR/H, SIGA/05/W/H, SIGA/05/T/H, SIGA/05/RD/H						
Version	To be built-in						
Combustion	Open combustion chamber						
Supply and discharge system	Conventional Flue 300 mm						
Flame protection version	Separate ignition and ionization electrodes						
Protection against backward chimney draft	Yes / Thermal sensor						
Type of the device	B <sub>as</sub>						
Weight of the device	200 kg						
Appliance category		I2E(20), I2H(20)	I2L(25), I2EK(25)	I2E+(20/25)	I3P(30) I3P(37) I3P(50)	I3B/P(30) I3B/P(37) I3B/P(50)	I3+(30/37)
Reference Gas		G20	G25/G25.3	G20/G25	G31	G30	G30/G31
Nominal heat input (Hi)	kW	19,75	19,71	18,81	19,71	19,71	19,31
Consumption on max output	m3/h	2,092			-		
Consumption on low output	m3/h	0,25 (*)			-		
Consumption on max output	kg/h	-			1,575		
Consumption on low output	kg/h	-			0,20 (*)		
Maximum burner pressure	mbar	7,2	10,6	13,9/17,6	16	17	16,5
Minimum burner pressure	mbar	3,0	4,4	5,7	6,3	6,6	6,6
Nozzle of the main burner	mm	5x Ø 2,15	5x Ø 2,15	5x Ø 1,85	5x Ø 1,4	5x Ø 1,3	5x Ø 1,2
Primary air opening	mm	2	1	1	7	7	5
* - on minimal output, only the middle section switched on							

## **15.CONTACT DETAILS OF THE MANUFACTURER**

**Manufacturer:** Planika Sp. z o.o.  
**Contact Details:** Bydgoska 38 Street  
86-061 Brzoza  
Poland  
**Telephone:** + 48 52 364 11 60  
**Fax:** + 48 52 364 11 70