



**(ES) NO CUBRIR**  
**(CAT) NO COBRIR**  
**(PT) NÃO COBRA**  
**(EN) DO NOT COVER**  
**(IT) NON COPRIRE**



## INFRARED GAS HEATER

Please read the instructions carefully  
before first use and maintenance.



CAT Scan the QR code, find your product on the website and download the manual in Catalan.



PT Scan the QR code, search for your product on the website and download the manual in Portuguese.

EN Scan the QR code, search for your product on the web and download the manual in English.

IT Scan the QR code, search for your product on the website and download the manual in Italian.

(ES) This product is only suitable for well-insulated spaces or occasional use.

(CAT) This product is only suitable for well-insulated spaces or occasional use.



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## CONTENTS

<b>1. CE CONFORMITY</b>	<b>4</b>
<b>2. GENERAL INFORMATION</b>	<b>5</b>
<b>3. TECHNICAL SPECIFICATIONS</b>	<b>10</b>
<b>4. WHAT IS INCLUDED IN THE BOX?</b>	<b>11</b>
<b>5. ASSEMBLY AND INSTALLATION</b>	<b>12</b>
<b>6. OPERATION</b>	<b>15</b>
<b>7. REPLACING THE GAS CYLINDER</b>	<b>19</b>
<b>8. MAINTENANCE AND CLEANING</b>	<b>20</b>
<b>9. PROBLEMS AND SOLUTIONS</b>	<b>21</b>
<b>10. ASSEMBLY DIAGRAMS</b>	<b>24</b>
<b>11. WARRANTY</b>	<b>28</b>
<b>12. ADDITIONAL INFORMATION</b>	<b>32</b>

NAME: INFRARED GAS HEATER

BRAND: FULMO MODEL:

IPG31

AVANZZA TRADERS INTERNATIONAL S.L.

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Andalusia Technology Park 29590-MÁLAGA [www.avanzzatraders.com](http://www.avanzzatraders.com) Tax ID Number:  
B42715680 [info@avanzzatraders.com](mailto:info@avanzzatraders.com)

**MADE IN  
PRC**

## **1. CE CONFORMITY**

Avanzza Traders International S.L declares under its own responsibility that the infrared gas heater with reference 309020101 has been developed and produced in accordance with EC regulation 2016/426/EC on gas appliances and with harmonised standard EN 449:2002 + A1:2007, and has undergone EC type-approval testing.

The gas heater complies with the following standards:

- Regulation on gas appliances (EU) 2016/426
- Commission Delegated Regulations (EU) 2015/1186 and 2015/1188

The following harmonised standards have been applied:

- EN449:2002 + A1:2007

This product complies with EU Directives and Regulations 2015/1186 and 2015/1188.

In Malaga, 1 May 2025 Avanzza  
Traders S.L

## 2. GENERAL INSTRUCTIONS



Before operating the stove, carefully read the following instructions. Never leave the stove unattended.

For your protection, this product has certain important safety features. An oxygen depletion sensor (ODS) will shut off the stove if the oxygen in the room falls below an acceptable level. This is a safety device that should never be tampered with. If the stove is accidentally knocked over or tipped over, it will shut itself off.

KEEP THESE INSTRUCTIONS IN A VISIBLE PLACE SO YOU CAN REFER TO THEM IN THE FUTURE.



After removing the packaging, ensure that the stove is in good condition. If you have any doubts or if it has been damaged, do not use the stove and contact technical support.



The packaging materials contain plastic, screws, etc., and should therefore be kept out of the reach of children. This appliance is a gas stove and should not be operated continuously (maximum 2 hours). It must be installed in accordance with the regulations in force in the country of destination by a competent person. For satisfactory operation, it is important that the room is well ventilated.



continuously (maximum 2 hours). It must be installed in accordance with the regulations in force in the country of destination by a competent person. For satisfactory operation, it is important that the room is adequately ventilated, as insufficient ventilation can cause the heater to shut down. Do not install the heater in bathrooms or closed rooms without any ventilation.



This stove should only be used to heat living areas. It should not be used in basements or caravans. The stove should not be located immediately below a power outlet.



It is advisable not to use the stove in rooms with a volume of less than  $15 \text{ m}^3$  or a surface area of 7 to  $8 \text{ m}^2$ . Position the stove so that the heat is directed towards the centre of the room. The front (radiator) must be at least 2 metres away from curtains,



sofas, furniture or other objects that could catch fire. The front must be at least 1 metre away from any wall or ceiling. The sides and rear must be 0.5 metres away.



The stove requires a valid connection (hose) (see label on the hose) and a butane regulator suitable for the type of gas. Consult your distributor. Always check that both the adapter and the hose are in good condition and have not expired.



Place the cylinder in the compartment, ensuring that the hose is not twisted, compressed or in contact with any hot surfaces. Do not operate the heater if the cylinder is not correctly positioned in its compartment. If you notice that it is not working properly or that any part of it is in poor condition, do not hesitate to contact Technical Support.



Do not place flammable objects (cloths, curtains, etc.) on or against the stove. Do not cover it under any circumstances or move it while it is in operation. Do not store chemicals or flammable materials near it.



In the event of a gas leak, close the pressure regulator valve. Never check for gas leaks by lighting a flame, even if the cylinder appears to be empty, as there may still be gas inside. Do not use this stove with a programmer, timer or any other device that automatically turns on the stove, as there is a risk of fire if the stove is covered or positioned incorrectly. Always use the stove and cylinder on a flat, stable surface.



The protective grille on this appliance is designed to prevent the risk of fire or burns, and no parts should be permanently removed. **PROTECT CHILDREN, ANIMALS AND PEOPLE WITH REDUCED PHYSICAL, SENSORY AND MENTAL CAPABILITIES.** Keep

Keep the appliance away from these persons when it is in operation. This appliance is not intended for use by children under 10 years of age. Children should not be allowed to play with the appliance. If children over 10 years of age switch on the appliance, they should always be supervised.



### WARNING! DO NOT COVER

This symbol on the top of the stove warns the user to avoid overheating and the risk of fire.  
DO NOT COVER the stove.



### WARNING! DO NOT TOUCH

This symbol on the device warns the user that to avoid burns, this part must NOT be touched when in operation.

### **3. TECHNICAL SPECIFICATIONS**

BRAND:	FULMO
SYSTEM	FOLDABLE
MODEL:	INFRARED INDOOR GAS HEATERS
GAS:	Butane gas
GAS PRESSURE:	28 to 30 mbar.
CATEGORY:	I3 +
MAXIMUM HEAT OUTPUT:	4.2 KW
MINIMUM HEAT CAPACITY:	1.6 KW
IGNITION TYPE:	PIEZO
VALVE MATERIAL:	BRASS
NUMBER OF WHEELS:	5
ANTI-TIPPING SYSTEM AND SHUT-OFF DUE TO LACK OF OXYGEN INCLUDED	

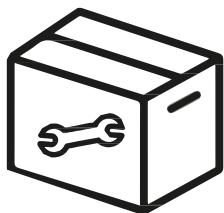
## 4. WHAT IS INCLUDED IN THE BOX?



STOVE

+

TOOL BOX



- SCREW A (4 UNITS)
- SCREW B (2 UNITS)
- WING SCREW (2 UNITS)
- WHEEL (5 UNITS)
- SCREWDRIVER
- SPANNER

## **5. ASSEMBLY AND INSTALLATION OF THE**

- Remove the appliance from its packaging. Does not include pressure reducer or hose (regulator kit).
- Assemble the different parts of the appliance according to the illustrations in the appendix. (See the end of this manual).
- Assemble the individual panels using the screws provided. (Two tools are also provided for assembly and disassembly).
- Set the control panel to the (OFF) position.
- Connect the gas hose to the stove connection and tighten it with a clamp.
- Use a pressure regulator suitable for your stove.
- Attach the other end of the gas hose to the outlet of the pressure regulator and secure it with a clamp. The hose should be between 0.50 and 1.00 m long.
- Fit the pressure reducer to the cylinder and tighten it properly.
- Open the pressure regulator valve and check the connection with soapy water.
- If there are no leaks, place the full cylinder at the back of the stove.

## 1. LEAK TEST

This must be carried out in a well-ventilated area, free from open flames or other sources of ignition. With the regulator connected to the cylinder, open the valve and light the stove.

Check all hose connections, hose connections to the gas valve, the regulator connection to the gas cylinder, and the gas cylinder valve with a soapy water solution. If bubbles form, this is an indication of a leak. If a leak is found, turn off the stove, disconnect the regulator, and remove the gas cylinder to a cool, well-ventilated outdoor area. Contact Technical Support for assistance.



**DO NOT USE THE STOVE IF YOU FIND A LEAK. DO NOT LIGHT A FLAME TO TEST FOR LEAKS.**

**DO NOT USE ANY ELECTRICAL EQUIPMENT IN THE PRESENCE OF A GAS LEAK.**

## 2. CLOSING THE STOVE

After successfully completing the leak tests, replace the rear panel on the stove.

Note: The stove incorporates several safety devices that will shut it down in unsafe conditions. In the event of accidental flame failure, the stove will automatically shut down. If the stove shuts down automatically, place it in an upright position, check for obvious damage, and wait 5-10 minutes before relighting it.

In the event of a gas leak:

- Immediately close the valve if you detect the smell of gas.
- Extinguish any flames.
- Do not relight the unit.
- Do not activate any electrical switches.
- Contact your distributor.

## 6. OPERATION

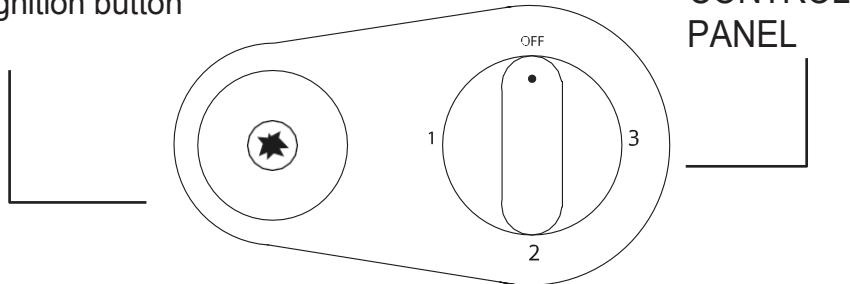


**IMPORTANT: PURGE THE STOVE THE FIRST TIME YOU USE IT OR  
WHENEVER YOU CHANGE THE GAS CYLINDER**

When using the stove for the first time or when changing the gas cylinder, you will need to purge it or allow the gas to flow through the pipe until it reaches the burner.

- Open the pressure regulator valve and allow the hose to prime for 10-15 seconds. Turn to position 1 (PILOT) on the control panel and hold for 10 seconds.
- While holding down the control panel, press the ignition button several times until the pilot light (at the bottom of the burner) ignites. The first time, you may need to press several times until the spark ignites; subsequent times this will not be necessary. Continue pressing the control panel for another 5-10 seconds. Release the button, and if the pilot light goes out, repeat the above operation. This operation may take approximately one minute. Once the flame is lit, turn the control panel to the desired position.

Piezoelectric igniter  
or Ignition button

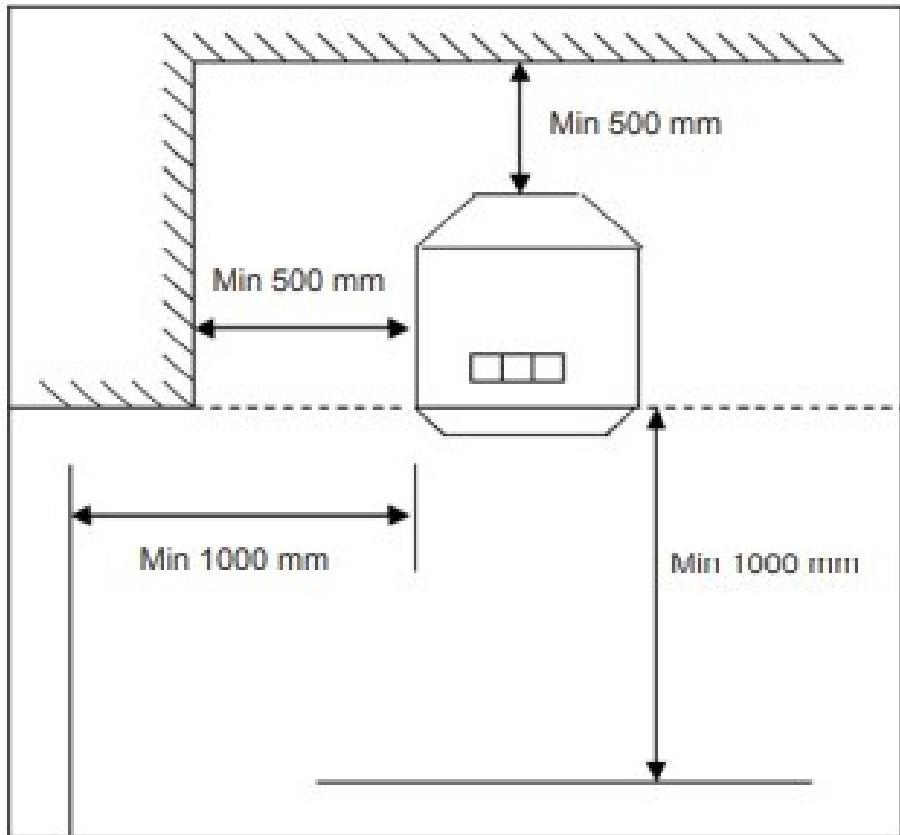


It is important to prime the hose, which means you may need to press the control panel several times and for longer to allow the gas to flow to the pilot. If you hear a beep, close the valve and repeat the operation.

Once it is on in position 1, turning the control knob to position 2 will turn on the other panel. On some models there is even a position 3. Press the control panel and turn to the desired position. To turn it off, turn the control panel to the OFF position and close the cylinder pressure regulator.



**WARNING: THE STOVE CAN ONLY BE TURNED OFF BY CLOSING THE GAS REGULATOR ON THE GAS CYLINDER. IT CANNOT BE TURNED OFF USING THE CONTROL PANEL ALONE.**



## Positioning the gas stove:

- The stove is designed to be placed on the floor and away from walls. When using the stove, always point it towards the centre of the room. Remove all combustible materials from its vicinity.
- The appliance must be 0.5 m away from walls.
- The front of the unit must be at least 1 metre away. The sides and rear must be 0.5 m away from walls or furniture.
- The front of the unit must be at least 1 metre away and 2 metres away from curtains or objects that can easily catch fire. The sides and rear must be at least 0.5 m away from walls or furniture.

## 7. REPLACING THE CYLINDER

- Gas cylinders must be replaced in a well-ventilated room. The appliance must be switched off.
- Close the cylinder valve.
- Disconnect and remove the cylinder regulator.
- Replace the empty gas cylinder with a full one, checking that the seal is in good condition and that the hose is in good condition and is not kinked or in contact with hot surfaces on the unit.
- Gently open the gas cylinder valve and check for leaks with soapy water.
- In the event of a leak (bubbles), close the gas cylinder valve and eliminate the leaks by contacting a qualified technician.

## **8. MAINTENANCE AND CLEANING**

- Before performing maintenance and cleaning, the stove must be cold and switched off. Do not attempt to clean it while it is in use. If faults are detected during use, stop using it and contact the technical service for repair.
- Periodically clean the exterior and cooking area of the stove to remove dust and lint build-up on the surfaces of the ceramic components.
- Do not use abrasive products to clean it.
- Check the pilot light while the stove is in operation. It should burn steadily. If it flickers or has a yellow flame, the stove should be checked to ensure it is functioning properly.
- If any parts need to be replaced, they should only be replaced with parts from the original manufacturer. The use of incorrect or substitute parts can be dangerous and will void any warranty. When the stove is not in use, we recommend that it be covered or stored in its box to minimise the accumulation of dirt.

If you decide not to use it for an extended period of time, follow these instructions:

- Close the pressure regulator valve and disconnect the regulator from it.
- Store the cylinder in a well-ventilated room away from flammable or explosive materials and preferably outside your home. Never store cylinders in a basement or attic.
- The stove should be stored in a dry place protected from dust.

## 9. PROBLEMS AND POSSIBLE SOLUTIONS

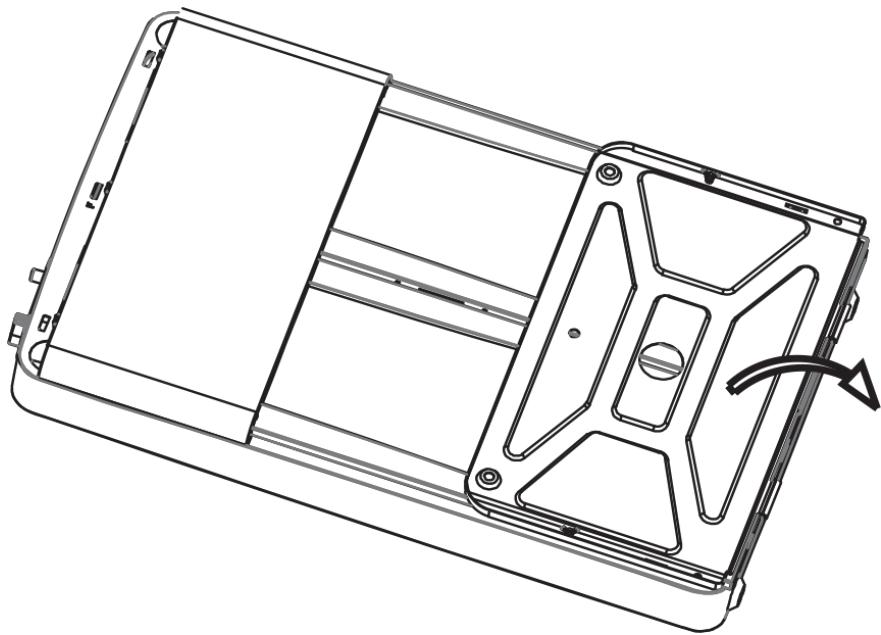
PROBLEM	SOLUTION
The stove does not light	<ul style="list-style-type: none"><li>• Check whether the gas cylinder is full.</li><li>• Check the regulator to ensure it is properly connected and the pressure regulator valve is open.</li><li>• Check that the instructions have been followed correctly or bleed the stove (pg.15).</li></ul>

<b>PROBLEM</b>	<b>SOLUTION</b>
The stove does not light even though the cylinder has been changed	<ul style="list-style-type: none"> <li>• Air in the hose: hold the control panel down for a longer period of time until the pilot light and main burner ignite.</li> </ul> <p>Turn on. Turn the control panel to maximum. The cylinder may be excessively cold, so allow it to reach room temperature before attempting to light the stove.</p>
The stove switches itself off	<ul style="list-style-type: none"> <li>• If the stove switches off during continuous operation, repeat the operation, following the instructions carefully. If it switches off suddenly after 30 minutes or more, it means that it is operating in a poorly ventilated area. Ventilate the area and turn it back on. Avoid knocking the heater while it is in operation. Do not move it while it is in operation.</li> </ul>

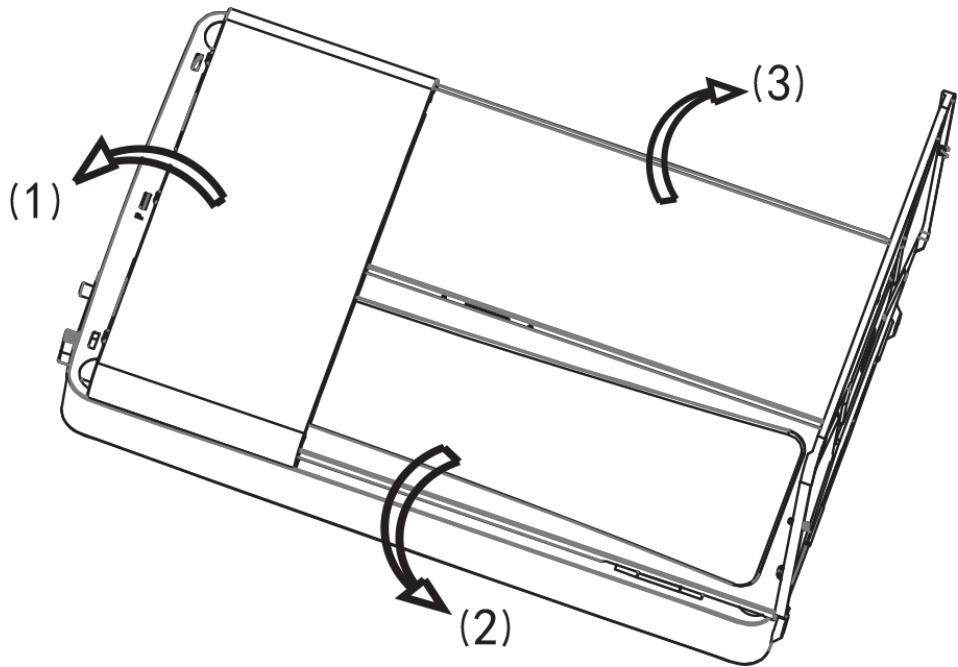
The three most common problems associated with gas heaters are gas leaks, low gas pressure, and dirt:

- Check for leaks: The source of the leak may originate during transport or installation. A solution of soap and water on the fittings will cause bubbles if there are gas leaks.
- Insufficient gas pressure: Check the pressure of the cylinder. Too much gas pressure can seriously damage your appliance. Too little pressure will prevent your device from working properly. If the installer cannot check the gas pressure, consult your gas distributor.
- Dust and dirt: This stove requires some maintenance. If the flame does not stay lit or if one part is not as bright as the other, your stove probably needs a good cleaning. Disassembling the pilot light is prohibited. If necessary, contact our technical service.

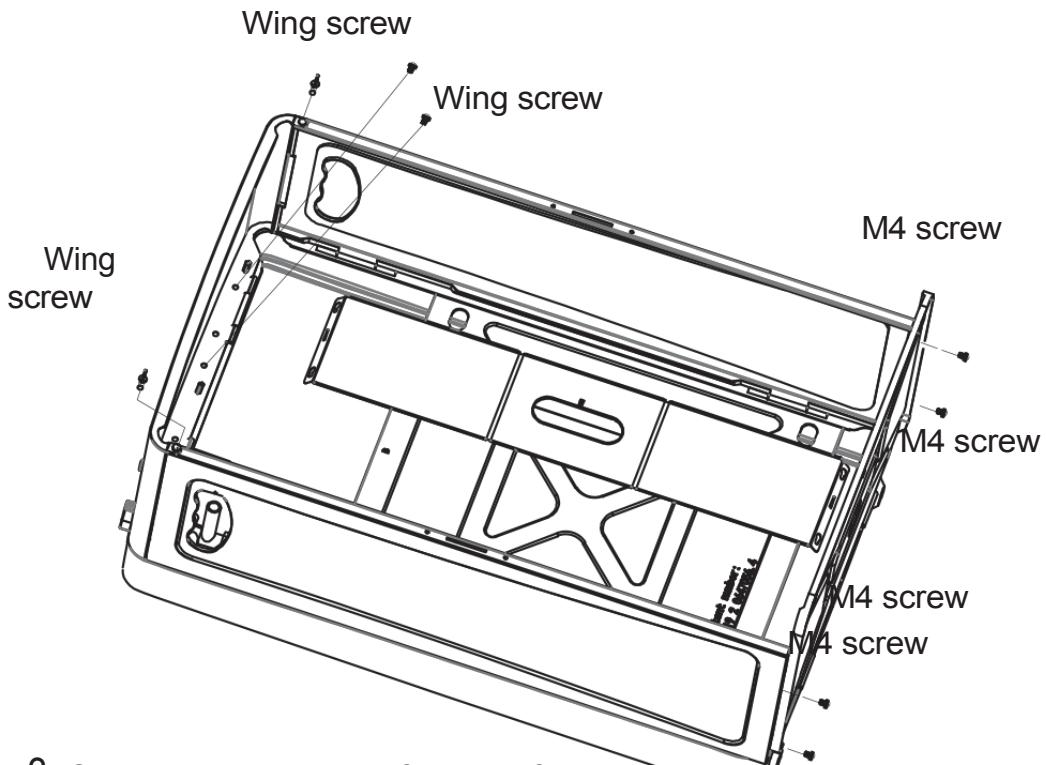
## 10. Y DIAGRAMS ASSEMBLY



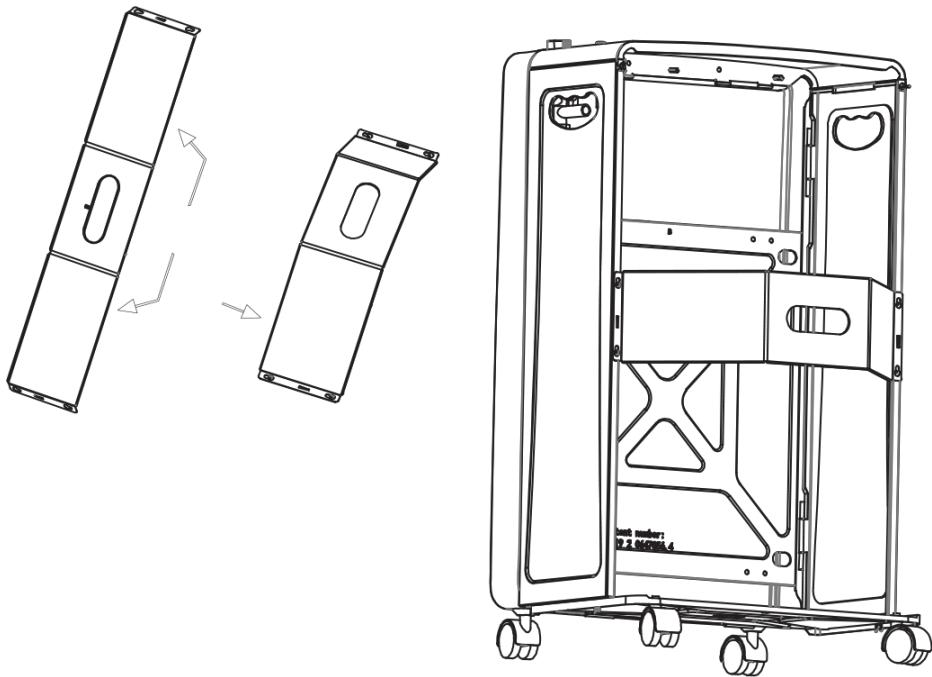
1. First open the bottom cover.



2. Then, following the order of the numbers  
Open the covers in the direction of the arrow.



3. Secure the right and left sides of the panels with two wing screws. Secure the top cover with two more screws.



4. Fold the back plate and install the bottom wheels as shown in the figure. Install the cylinder holder on the stove.

## **11. WARRANTY**

To PROCESS the warranty for any of our products, you must send an email to [sat@avanzzatraders.com](mailto:sat@avanzzatraders.com), attaching the following:

- Photograph of the purchase receipt.
- Photographs of the condition and damage to the product.
- Photograph of the product packaged for collection (if you have contracted this service).
- Warranty activation form (at the end of the document) with all boxes filled in.

This product has a 3-year warranty from the date of purchase. Please keep the purchase invoice and packaging in a safe place (keep the packaging for at least 15 days).

The warranty covers all manufacturing defects for 3 years in accordance with current legislation. Provided that the product is in perfect condition and in its original packaging, and has been used properly as indicated in the instruction manual. In the event of misuse, the manufacturer will not be responsible for repairs.

The warranty shall NOT apply:

- If the product has been used beyond its capacity or usefulness, mistreated, knocked, exposed to moisture, submerged in any liquid or corrosive substance, as well as any other fault attributable to the consumer, such as misuse due to failure to follow instructions, improper transport or use of electronic components or accessories that are not suitable as indicated in the manual.
- If the product has been disassembled, modified or repaired by persons not authorised by the Technical Service. If the product has been stolen or the damage has been caused by accident or by an external element or natural disaster.
- If the incident has been caused by normal wear and tear of parts due to use, or has been a breakdown caused by physical damage, such as breakage of plastics, enamels or similar. If the product starts up and it is demonstrated to the user that it works. If the product does not have an identification label or has been modified (model or serial number). All products are repaired by the Technical Service in Spain and Portugal. If the product was not purchased in these two countries, the warranty covers the repair costs but not the transport costs to the Technical Service or back to the customer.

The warranty does not cover any costs arising from the installation or uninstallation of the product. If the item is covered by the warranty, Avanzza Traders S.L. will cover all costs, transport and repair. If the item is not covered by the warranty, you will be provided with a quote for your approval. If you accept, all repair, shipping and collection costs will be at your expense, including the box in which it will be returned to you, if it did not come in suitable packaging.

If the product was not purchased through an official distributor of Avanzza Traders International S.L. and you detect an issue with the product or have any questions, please contact the Technical Support Service of Avanzza Traders International S.L. by email at [sat@avanzzatraders.com](mailto:sat@avanzzatraders.com).

Yours sincerely, the Avanzza Traders International S.L team



**CENTRE/CUSTOMER**

**CONTACT PERSON**

CONTACT

DATE OF PURCHASE DATE OF

INCIDENT COLLECTION ADDRESS

POSTAL CODE:

**TELEPHONE:**

**EMAIL:**

PRODUCT AND SERIAL NUMBER:

BRIEF DESCRIPTION OF THE  
PROBLEM

## 12. ADDITIONAL IN

Panel	Model identifier for local electric heaters		
No.	309020101-IPG31		
Indirect heat functionality	No		
Direct heat output	4.2 (kW)		
Indirect heat output	N/A (kW)		
Fuel	Space heat emissions		
	NOx		
Type	Gas	G30	7[mg/kWhinput] (GCV)
Article	Symbol	Value	Unit
Heat output			
Nominal heat output nominal	P <sub>nom</sub>	4.2	kW
Heat output minimum (indicative)	P <sub>min</sub>	1.5	kW
Auxiliary electrical consumption			
Heating power nominal	e <sub>max</sub>	N/A	kW
Minimum heat output	e <sub>min</sub>	N/A	kW
In standby mode	e <sub>sb</sub>	N/A	kW

Useful efficiency (NCV)			
Useful efficiency at nominal thermal power	$\eta_{Sth,nom}$	100	%
Useful efficiency at minimum thermal power (indicative)	$\eta_{Sth,min}$	100	%
Type of heat input, only for electric storage heaters (single selection)			
Heat output at one setting and without control of the ambient temperature			No
Two or more manual settings, without room temperature control			Yes
With mechanical thermostat for room temperature control			No
With electronic thermostat for room temperature control			No
With electronic room temperature control and daily timer			No
With electronic room temperature control and weekly timer			No

Other control options (multiple selections possible)			
Room temperature control, with presence detection			No
Room temperature control, with open window detection			No
With distance control option			No
With adaptive start control			No
With working time limitation			No
With black bulb sensor			No
Self-learning functionality			No
Control accuracy			No
Permanent pilot flame power requirement			
Pilot flame power requirements (if applicable)	P <sub>pilot</sub>	0.149	kW