

User's Instruction

Domestic flueless space heater

Model: NJ-H2

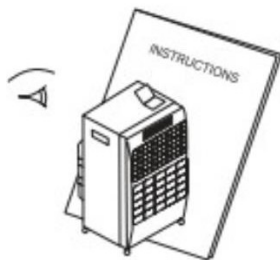


THE GUARD ON THIS APPLIANCE IS TO PREVENT RISK OF FIRE OR INJURY FROM BURNS AND NO PART OF IT SHOULD BE PERMANENTLY REMOVED.

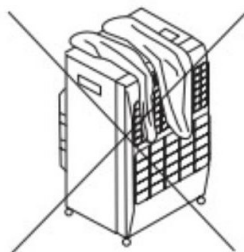
Before using please read this instruction carefully



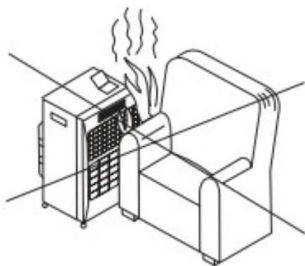
SAFETY PRECAUTIONS:



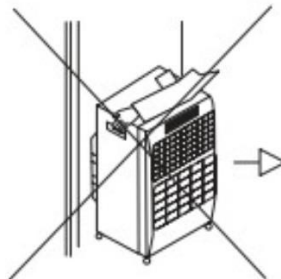
1. Always use the heater in accordance with user's instructions supplied with each heater. Keep these instructions in a safe place.



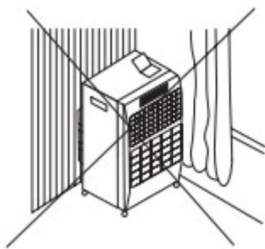
2. Avoid placing clothing or any materials on the heater, as this could pose a fire risk or affect the appliance's efficiency.



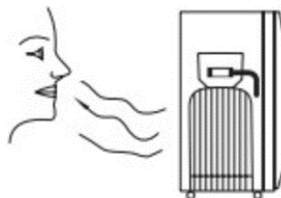
3. Avoid placing the heater near furniture.



4. Do not relocate the heater while it is in operation.



Ensure the heater is not placed in close proximity to walls, furniture, net curtains, bed linen, or any flammable materials, as this could pose a fire hazard. Always maintain the following minimum distances: 50 cm from the sides and 100 cm from the front. Additionally, the heater should be directed towards the center of the room at all times, and it must be positioned on a flat, stable surface.



If a leak is suspected, do not disconnect the regulator. Instead, follow these steps: Turn off the gas supply at the regulator. Move the appliance outdoors to a flame-free environment. Turn on the gas supply and carefully inspect all connections. Gently apply a soapy water solution or a leak detection spray to the connections. If a gas leak is present, it will form bubbles. If a leak is identified, promptly turn off the gas. Important Note: Do not use the heater again until it has been inspected by a qualified professional in accordance with the Gas Safety Installations and Use Regulations of 1998.

Important Safety Instructions

- **Read the Manual First:** Before using the appliance for the first time, make sure to read the instruction manual carefully. Keep the manual for future reference on how to use.
- **Safe Usage Locations:** Use only in a well-ventilated areas. Do not use in leisure vehicles such as caravans and auto caravans.
- **Proper Placement:** Place the appliance on a flat leveled surface. This appliance must be used away from any flammable materials.
- **Installation:** This appliance requires installation by a competent person.
- **Gas Hose Handling:** If using a flexible gas hose (up to 1.5 m long), install it without stretching, twisting, or bending. After installation, check connections for leaks using soapy solution - don't use matches, lighters, or candles. If there's a leak, close the shutoff valve and contact a service center.
- **Regular Inspections:** Check the gas hose regularly, and if you notice any damage or leaks, replace the hose immediately. Never use a faulty or leaky appliance, gas cylinder, or gas regulator.
- **After Use:** After each use, turn off the gas supply to the appliance by closing the gas regulator valve on the cylinder.
- **Safety Precautions:** Don't leave kids or disabled individuals alone near the heated appliance. Keep flammable materials like paper, fabrics, and liquids away from the appliance.
- **Check for Leaks:** Periodically use a soapy water solution to check for leaks in the appliance and its connections.
- **Gas Connection Check:** Ensure all gas connections are securely and correctly fitted to prevent any potential leaks. Use soapy water for leak detection instead of a match.
- **Check Before Opening Gas Valve:** Ensure the burner control knobs are in the "OFF" position before opening the gas connection tap or cylinder valve.
- **Newly Filled Containers:** If you're using a newly filled container, ignition may be affected due to the presence of inert gas. In this case, switch to a partially used container or just try to reignite the pilot light of the heater a couple of times until gas builds up in the pipes.
- **Initial Lighting and Ventilation:** When lighting your heater for the first time or after a long period of non-use, do so in an open-air area like a garden or balcony. Bring the heater indoors after it has been operational for 15 minutes.
- **No Blowing Out the Flame:** Never try to blow out the burner flame; it's not safe.
- **Don't Change Gas Type:** You would need to use only gas type that is specified on the ratings label.
- **Safety Around Appliance:** Keep kids and people unfamiliar with the appliance away from it unless they know how to use it safely.
- **Keep Device Well-Maintained:** Take care of the appliance to prevent damage and rust. Follow the manufacturer's instructions for using gas appliances.
- **Cylinder Safety:** Put cylinders upright, secure, and away from direct sunlight. Using it in a horizontal position can damage your heater and lead to serious consequences. Avoid checking for gas leaks with an open flame.
- **Repairs and Maintenance:** Don't try to fix gas-related issues yourself. If there's a problem, disconnect the appliance from the cylinder and reach out to the after-sales service team.

- **Regular Inspection:** It's a good idea to have the device inspected and maintained by authorized technicians every two years.
- **Who Should Use:** This appliance isn't for children, mentally or physically challenged individuals, or those who aren't familiar with it. They can use it if they're supervised by an adult and/or trained on how to use it.
- **Possible Changes:** The manufacturer might make changes without notice, but they won't change how the device works.
- **Manufacturer's Limits:** The manufacturer isn't responsible for misuse of the appliance or any damages resulting from using it in ways it wasn't designed for.
- **No Use If Damaged:** Don't use the appliance if there is damage that might affect the operations of the appliance.
- **No Modifications:** It's not safe to change anything on the appliance, unless the change has been instructed and approved from the after sales team.
- **Use Gloves for Hot Parts:** When dealing with really hot parts, wear protective gloves.
- **Safe Usage Guidelines:** Do not leave the heater operating while sleeping.

Hose and Regulator Requirements: This appliance necessitates a specific hose and regulator. Consult your gas supplier to ensure you have the correct equipment.

Please seek advice from your gas and regulator supplier to use the appropriate hose. Remember, the guard on the appliance is in place to prevent the risk of fire or burns. No part of it should be permanently removed.

Make sure the gas hose is properly secured at both ends with metal brackets to prevent slipping. Always use low-pressure gas regulator (complies with EN16129:2013 and the national regulation) to connect the appliance to the cylinder.

Introducing our Domestic Flueless Space Heater: a mobile unit featuring essential safety features including an anti-tilt switch, oxygen detection system, and flame failure device.

TECHNICAL CHARACTERISTICS

Gas heater				
Model	NJ-H2			
Gas	Butane (G30), Propane (G31) or their mixtures			
Type of gas	G30/31	G30	G30	G31
Category	□I3+(28-30/37)	□I3B/P(30)	□I3B/P(50)	□I3B/P(37)
Rated pressure	28-30/37mbar	30mbar	50mbar	37mbar
Destination countries	BE, FR, IT, LU, LV, IE, GB, GR, PT, ES, CY, CZ, LT, SK, CH, SI	LU, NL, DK, FI, SE, CY, CZ, EE, LT, LV, MT, SK, SI, BG, IS, NO, TR, HR, RO, IT, HU	AT, DE, CH, SK	PL
Nominal Heat input	Maximum 4.2 kW(306g/h); Medium 2.6 kW(200g/h); Minimum 1.5 kW(110g/h)			
Ignition system	Piezoelectric igniter			
Dimensions	42 x 36 x 73			
Gas cylinder	from 8kg to 15kg			

VENTILATION NOTICE

Please be aware that your heater consumes oxygen during operation. To ensure safe use, it's crucial to have proper ventilation in the room where the heater is used. This facilitates the removal of combustion by-products and allows fresh air to enter.

Appropriate ventilation significantly lowers the risk of condensation. Refer to the table below for the recommended room sizes for each heat setting and the corresponding required ventilation surface.

REQUIRED VOLUME OF ROOM AND VENTILATION SURFACE:

VOLUME OF LIVING ROOM	VENTILATION SURFACE	
	Low Level	High Level
84 cubic meters	105cm ²	105 cm ²

CONNECTING THE CONTAINER

Gas Connection Guidelines:

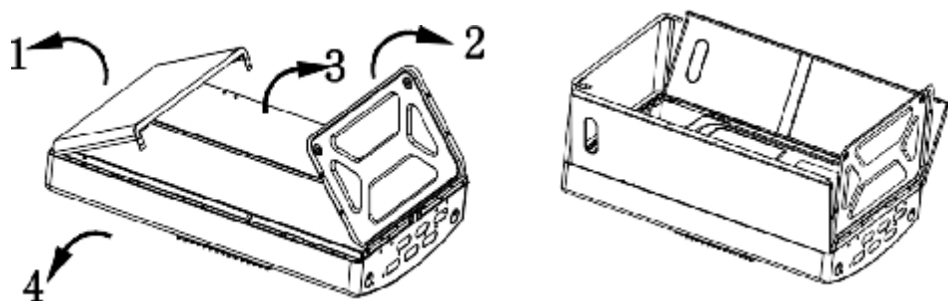
Utilize an approved regulator that matches the gas supply pressure, along with an approved tubing. The tubing should be no shorter than 50cm and under no circumstances longer than 1m. During the connection process, take care to avoid any twisting of the hose.

Gas Leak Testing

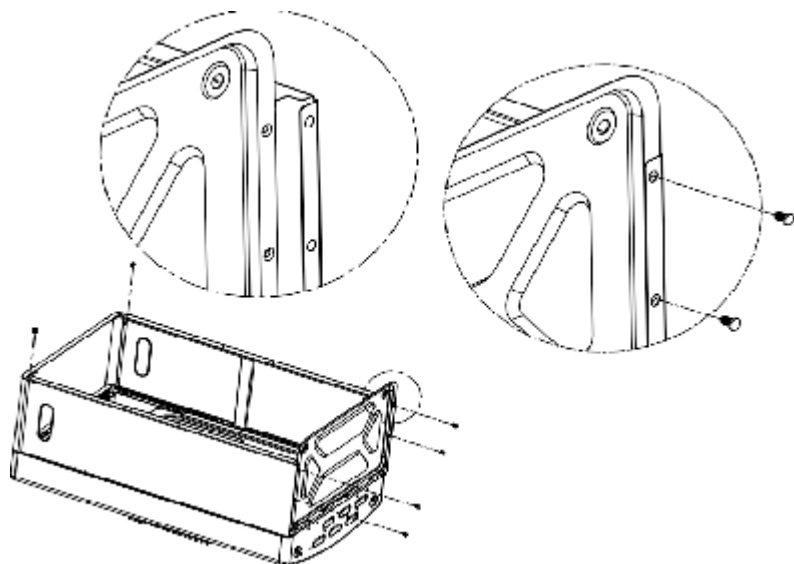
1. Turn all appliance control knobs to the “OFF” position.
2. Be sure that the gas regulator is tightly connected to the gas cylinder.
3. Turn on the gas valve. If you hear a rushing sound, turn the gas off immediately. There is a major leak at the connection. Connect properly before proceeding.
4. Brush soapy solution (mixture of half soap and half water) onto hose connections.
5. If growing bubbles appear, there is a leak. Turn the gas valve of the cylinder off immediately and check the tightness of all the connections. If the leak cannot be stopped, do not try to repair it and reach out to the after-sales service team.
6. Always turn the gas valve of the cylinder off after performing a leak test.
7. Warning: Turn off the gas supply in event of a gas leak.

ASSEMBLY INSTRUCTIONS

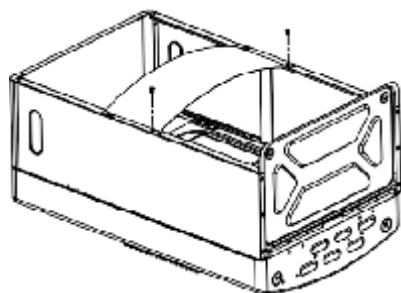
- ① Follow the arrows to open 1.2.3.4



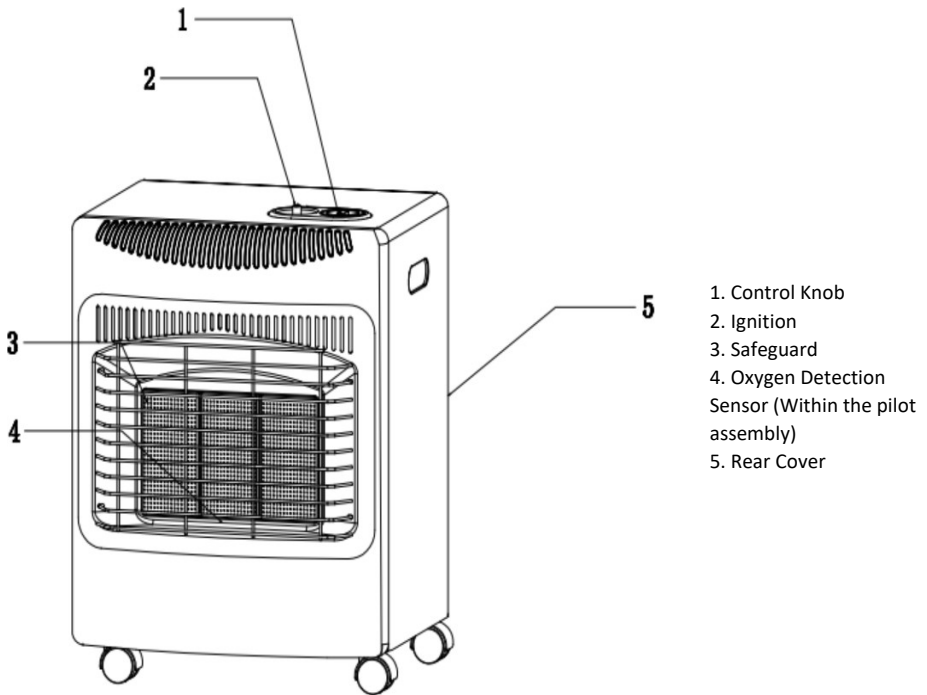
- ② Secure the left and right side panels with two screws and secure the bottom panel with four screws.



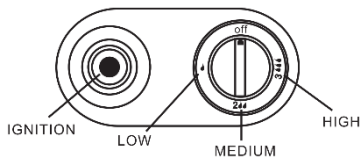
- ③ Secure the bend back plate with four screws and install the castors



HEATER CONSTRUCTION



OPERATING INSTRUCTIONS:



There are 3 controls that you need to pay attention to.

The first is the valve on the cylinder, which will be used to turn ON and OFF the gas supply.

The second is the gas control knob with a dial which has 3 positions marked on it.

This control knob is located on the top end of the heater.

The third is the piezoelectric ignition button next to the gas control knob (fig4).

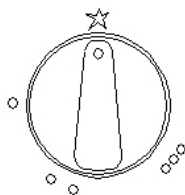
Pressing this button will generate a spark on the pilot burner thus igniting the gas to the pilot burner.

The pilot and center burner should remain alight.

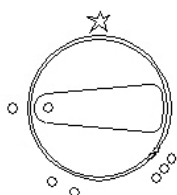
You may now adjust the heater setting to Low/Med/High as required.

CONTROL BUTTON:

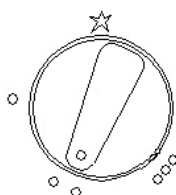
Gas Control:



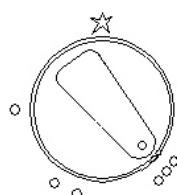
PILOT LIGHT



**MINIMUM (LIGHTING)
POSITION**



MEDIUM POSITION



MAXIMUM POSITION

1. LIGHTING INSTRUCTION

A The heater has three settings.

- Pilot Light (Pos.1)
- Minimum position (Lighting) (Pos.2)
- Medium position (Pos.3)
- Maximum position (Pos.4)

B. Turn on the gas on the container

2. LIGHTING:

Use one hand, press down the control knob and set the it to the minimum position (Pos.2) at the same time press (do not hold) the piezo igniter key with thumb finger of the other hand while still holding down the control knob. Continue this procedure until the first panel is ignited and hold down the control knob for at least 10 seconds after lighting in order for the safety device pin to heat up and not cut-off the gas supply to the heater's panel. After 10-15 seconds release the control knob and the heater would be at its minimum position. If pilot flame goes out, please repeat this procedure.

3. HEAT LEVEL SETTINGS

To change from minimum to medium. Please gently press down the control button and turn it to position 3. To change from medium to maximum. Please gently press down the control button and turn it to position 4.

4. SWITCHING OFF

To turn off the gas heater, switch the gas supply off at the gas cylinder and wait for the pilot light to extinguish. This is a safety measure to ensure that any remaining gas in the heater's pipes is burned off, allowing for safe storage.

HOW TO CHANGE A CYLINDER:

1. Turn off at the regulator and allow the heater to cool fully before removing and replacing the cylinder. Do not attempt to replace the cylinder whilst the heater is still in use.
2. Cylinders must be replaced in a flame free environment.
3. Do not smoke while changing the cylinder
4. When you need to replace your empty cylinder, turn the gas off at the regulator and take the empty cylinder out of the heater.
5. Remove the regulator from the empty cylinder.
6. Follow the steps described under "Connecting the Cylinder", connect a new cylinder

SERVICE AND TROUBLESHOOTING

Pilot will not light automatically.	No spark across electrode gap.	Ensure that piezo-electric igniter is functioning correctly. Check that electrical lead is not damaged. Push the metal plate in front of the piezo ignitor closely to the ignitor so that the spark can make contact with the metal.
Pilot will not light automatically but points (a) to (e) are satisfactory and the pilot will light with a match.	Incorrect position of spark in relation to pilot gas flow.	Re-position spark plug so that spark jumps across gas flow.
Heater will not remain alight when pressure is released from ignition button.	Electro-magnetic valve closes whilst heater is alight.	(c) Ensure that thermocouple probe is located in pilot flame. (d) Ensure good connection between thermocouple and valve. (e) Check thermocouple (f) Check electromagnetic valve (by serviceman)
4. After changing to maximum position with all three plaques alight. One or more plaques appear below normal intensively.	(a) Blocked jets. (b) Partially blocked supply tube.	(a) Remove and clean blocked jet. (b) Remove supply tube, remove jets and blow through the tube.
5. Difficulty in cross lighting from position 1 to position 2 or 3.	(a) Air draught directed away from first plaque. (b) Position of the pilot flame.	(a) Change the location of the appliance so that it is not adversely affected by air draught. (b) Position pilot so that flame impinges across bottom corner of 2 nd plaque as well as 1 st plaque .
6. Smell of combustion.	Missing piece of ceramic fireclay.	Inspect perimeter of each plaque and locate place where some fireclay has been displaced. Turn to the local service

(REPAIR TO BE CONDUCTED BY AUTHORISED PERSONNEL ONLY)

STORAGE

1. Disconnect the cylinder and remove it from the appliance.
2. Store cylinders in a well-ventilated area away from combustible material.
3. The heater should be covered and stored in a dry, dust-free area in its original packaging.

CLEANING

1. Use a damp soapy wrung out cloth to clean the exterior and cylinder storage area of your heater.
2. Make sure that no water gets onto the burners or pilot/light area. Wipe the heater completely dry before use.
3. Don't use abrasive cleaners as they may damage the quality of paint finish.

MAINTENANCE GUIDE

1. Check flexible tubing between regulator and heater regularly and replace if perished, worn or damaged.
2. It is recommended that the heater be serviced every two years by a competent person in accordance with the Gas Safety (installations and use) Regulations 1998.
3. If any parts need replacing, they should be replaced only with the correct parts as supplied by the original manufacturer.
4. If not in use after a long time the user should check if mobile heater does work normally, for example flexible tubing and regulator are not thorn or damaged, the gas connection from cylinder to heater is without any leakage, the heater can be ignited without light-back and big noise inside heater.
5. When the heater is not in use for a period of time, for instance, over the summer, we recommend that it is kept covered or placed in its carton to minimize the accumulation of dust dirt that may occur.
6. Maintenance and cleaning must be carried out with the gas supply turned off and the heater cold. Do not attempt to clean the heater while it is in use.
7. If any faults are detected in use, stop using the heater and contact your Dealer for advice.
8. Periodically clean the exterior and rear cylinder, storage area of your heater to remove dust a lint built-up, which may affect operation of the heater. We recommend to clean or maintenance your heater every two months.
9. Light vacuuming with a soft brush will remove any dust built-up on the surfaces of the ceramic elements.
10. Do not scrape or knock these elements as they may become very fragile with use.

11. Watch the pilot flame while it is in operation. It should burn steadily, if it flickers or is yellow tipped, the heater should be checked for correct operation.
12. If any parts need replacement, they must be replaced only with genuine original parts supplied by the manufacturer. The use of incorrect or substitute the parts may be dangerous and will void any warranty.
13. Do not use wet rag or sprinkling water on the heater while cleaning. This may cause serious problem to the heater. Under the circumstance of normal usage, contact our agents to conduct regular maintenance. Leave the heater at a clean and dry area when it is not used.

This gas heater is in conformity with the following EC directive and Regulations

- Gas Appliance Directive 2009/142/EC
- Regulation of Appliance burning gaseous fuels (EU) 2016/426

And that the following standards have been applied:

- EN449:2002 + A1:2007

DISPOSAL OF THE APPLIANCE AND PACKAGING

Sustainable materials have been used during manufacture of this appliance.

The appliance packaging is recyclable. The following may have been used:

- cardboard
- paper
- polyethylene film (PE)
- CFC-free polystyrene (PS-rigid foam)
- polypropylene tape (PP)

Dispose of these materials in a responsible manner and in accordance with government regulations



To designate the requirement for separate collection of household electrical appliances, the symbol of a crossed-out dustbin is applied to the product. This means that at the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiated waste collection center or to a dealer providing this service. Disposing of a household appliance such as this hob separately avoids possible negative consequences for the environment and health and enables the constituent materials to be recovered, resulting in significant savings in energy and resources.

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