

evantair

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4.2kW GAS CABINET HEATER

OPERATING INSTRUCTIONS



For Model: TWGC100

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WARNINGS AND SAFEGUARDS

1. DO NOT locate the heater so that it may restrict means of escape from a room.
2. DO NOT cover or place clothes over the heater.
3. DO NOT position near to chairs or other furnishings, alongside a wall or near to curtains. Always face the heater towards the centre of the room.
4. DO NOT attempt to move the heater during operation, or immediately after use: It will be hot! Turn off and allow sufficient cooling time.
5. Where necessary, use with suitable fireguards to provide additional protection, especially where the elderly, children, or animals are present.
6. Careful supervision is necessary when children are near the heater. Never allow them to sit, stand or play on or around the heater.
7. NEVER leave the unit unattended, or go to sleep whilst the heater is operating.
8. DO NOT get too close to the fire, as the high temperatures can cause severe burns or ignition of clothing.
9. DO NOT use wherever petrol vapour may be present (e.g. garages), or in the presence of highly flammable liquids or materials.
10. DO NOT use in bathrooms or shower rooms.
11. DO NOT use in bedrooms where there are combustible materials such as bed coverings, clothes and curtains etc.
12. DO NOT use in basements or below ground level.
13. The heater should be carefully examined prior to use after a spell in storage.
14. The number of portable heaters in a room should be kept to a minimum.
15. The portable heater should be positioned with at least one metre clear space around it. It can be placed adjacent to a wall provided that the hot surface is facing away from the wall and there are no curtains or other combustible materials within the metre space.
16. The location of portable heaters in laboratories, art rooms or work rooms where highly flammable materials may be used requires special consideration. If a safe location cannot be found a portable heater should not be used.
17. NEVER use natural gas in an appliance designed for liquid petroleum gas (LPG).
18. DO NOT use the heater until all connections have been leak tested. (See leak testing instructions).
19. Turn off the gas valve immediately if the smell of gas is detected.
20. Keep the cylinder enclosure free and clear of any objects.
21. Control compartment, burner and circulation are passageways of the heater must be kept clean. Frequent cleaning may be required due to carpet fibres and other materials blocking airways.
22. The gas cylinder should be turned off when the heater is not in use.
23. Avoid twisting the flexible gas supply hoses.
24. Portable gas heaters may only be used in flats of traditional construction with up to four storeys (including any basement storey).
25. Portable gas heaters must not be used in high rise un-strengthened large panel system built flats.
26. Not more than 10 kg of LPG should be kept per unit dwelling.
27. ALWAYS use gas heater in accordance with the instructions supplied with this heater. Keep instructions in a safe place for future reference.
28. NEVER position heater close to chairs and fabrics.
29. DO NOT place clothes or other fabrics or materials on the cabinet, as this causes a danger of fire. Their presence could affect the efficiency of the appliance.
30. Special care should be taken if the heater is placed on a surface where it can easily move or rotate on its castors if pushed by a child or animal, etc.

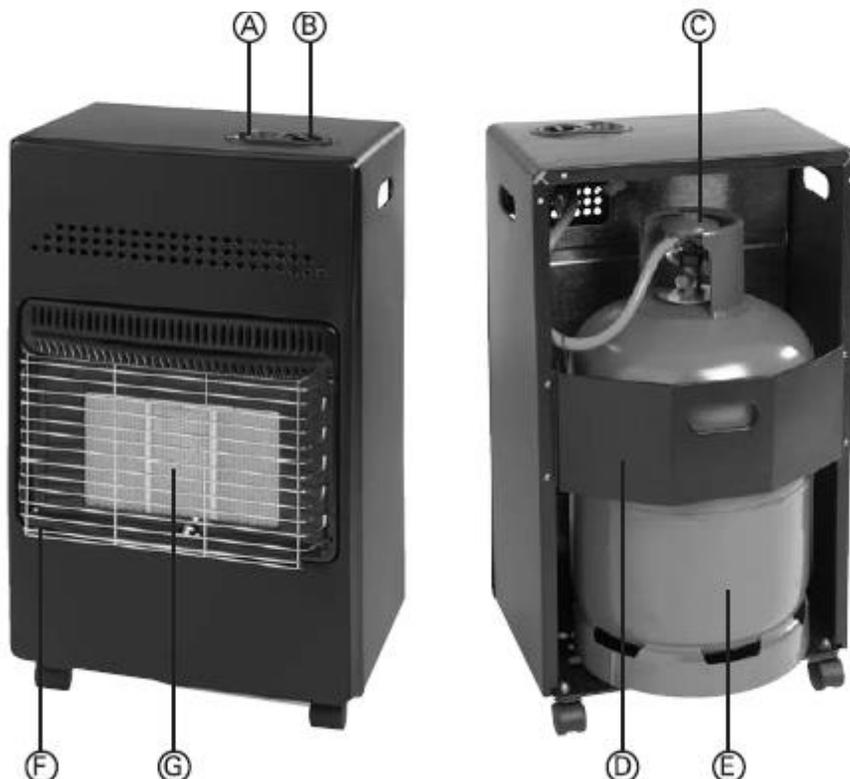
YOUR SAFETY IS IMPORTANT TO US. PLEASE ENSURE YOU TAKE NOTE OF THE INSTRUCTIONS AND WARNINGS OUTLINED IN THIS MANUAL.

WARNINGS AND SAFEGUARDS CONTINUED

31. If you suspect a leak, turn the gas off at the cylinder immediately. DO NOT disconnect the regulator. Extinguish all naked flames. Check all connections. Gently switch the gas on and brush the fittings with soapy water or liquid detergent – a gas leak will form bubbles. If a leak is located turn the gas off and remove the regulator from the cylinder. DO NOT use the heater again until it has been inspected by a competent qualified person. If the cylinder valve appears to be leaking when turned off, refit the Black Branch Cap or Orange valve cap and return the cylinder to the cylinder gas outlet.
32. This appliance MUST NOT be used in a basement, high rise flats, bathrooms or bedrooms and in rooms having volume less than 15m³ (30m³ in living rooms).
33. Do not install the appliance in a room which might contain gas, oil or sulphur, or near sources of heat flow, causing the heater to go off.
34. VENTILATION: USE ONLY IN WELL VENTILATED ROOMS.
35. DO NOT CHANGE CYLINDERS IN THE PRESENCE OF NAKED LIGHTS.
36. NEVER USE A MATCH OR NAKED FLAME TO SEARCH FOR LEAKS.
37. The guard on this appliance is to prevent risk of fire or injury from burns and no part of it should be permanently removed. IT DOES NOT GIVE FULL PROTECTION FOR YOUNG CHILDREN OR THE INFIRM.
38. Do not use in leisure vehicles such as caravans.

COMPONENTS

- A Ignition button
- B Heat control dial
- C Gas regulator
- D Gas bottle retainer
- E Gas bottle (not supplied)
- F Heater grill
- G Ceramic burner panels



THIS NOTICE MUST ONLY BE REMOVED BY THE PURCHASER OR FIRST USER PRIOR TO FIRST USE OF THE APPLIANCE

- **Health warning: Do not use if you suffer asthma.** Use of this type of heater may worsen existing breathing conditions.
- This appliance is not intended for unsupervised use by persons (including children) whose physical, sensory or mental capabilities; or lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction. Children should be supervised to ensure they do not play with the appliance.
- Use of a fireguard is recommended and particularly important when used in the presence of persons who require supervision or who are unfamiliar with its operation or in public areas.
- Always turn off at regulator and gas bottle after use and before removing cylinder. Do not attempt to disconnect the cylinder while the heater is in operation.
- Perform a leak test on the connection every time you reconnect the cylinder, or if the heater has not been used for a significant period. Lightly brush a soapy water solution over each joint. Bubbles will continue to form if there is a leak.
- If you smell LPG, turn the heater and cylinder off immediately, and ventilate the space. Call an LPG service agent.
- When starting the heater or turning it off, operate the control from the side of the appliance. During the lighting procedure a "loose" flame can appear for a short time.
- Use this heater in a ventilated room. At a minimum there must be a window opening to outdoors that remains open at all times while the heater is in operation. The window must be open by at least 2cm (20mm) during operation of the heater.
- Do not use this heater in bedrooms, sleeping areas, bathrooms, toilets, caravans, or small rooms under 32m² (square metres) floor area. This is approximately 5.5m by 5.5m.
- Keep people, drapes, furniture and other objects at least 1 metre from the heater. Always face the heater towards the centre of the room.
- Do not place clothes or other objects on the heater. In addition to the danger from fire, this could affect the safe and efficient operation of the heater.
- Do not use the heater while people are sleeping.
- Do not move the heater while it is turned on.
- For efficiency and safety, have the heater serviced annually by a service agent.
- **Limit on LPG Indoors:** In residential properties the maximum cylinder size for indoor use is 10kg. Only one 10kg cylinder is allowed per dwelling in multi-storey attached dwellings over 3 stories. Two 10kg cylinders (20kg total) are allowed per dwelling for detached dwellings, and single or multi-storey attached dwellings up to 3 storeys.

SERVICE AND MAINTENANCE

- Turn off the heater, disconnect the gas supply and allow to completely cool before servicing.
- All LPG appliances should be serviced regularly by a competent person to ensure that it is working correctly.
- All flexible hoses should be regularly inspected for signs of deterioration, cracking etc. and should be replaced if over 5 years old or if they show obvious signs of damage or wear. Hose length 500mm.
- The regulator should be replaced after 10 years service.

VENTILATION

- It is essential that adequate ventilation is provided and maintained in rooms where this heater is being used. The heater must receive an adequate supply of fresh air to run properly. Ensure that any ventilation grills in the room are open and not blocked. If the room becomes stuffy open a window or door immediately.
- DO NOT place the portable heater in a corridor or where it is exposed to strong drafts.
- This heater has an oxygen depletion sensor (ODS). The ODS shuts down the heater if not enough fresh air/oxygen content is available.
- If the heater shuts off, do not relight until you can provide fresh, outside air. If it continues to shut itself off, it must be serviced by a qualified person.

This appliance MUST NOT be used in rooms of less than 32m² (square metres).

CARBON MONOXIDE

Carbon monoxide (CO) is a highly poisonous gas which can be produced if the gas heater is not working correctly. It is difficult to recognise as it has no colour, smell or taste.

Symptoms of CO poisoning are:

- Tightness across the forehead.
- Headache.
- Weakness, dizziness, severe headache, nausea, vomiting.
- Intermittent convulsions, coma.
- Depressed heart action, slowed respiration.
- If the exposure has been severe it may cause death.

If your heater has any of the following issues it could be producing carbon monoxide:

- Ceramic burner panels are dull and the gas burns with a blue haze
- There are soot deposits on the burner panels
- The burner panels or cement fixings are damaged.
- The mobile heater does not burn quietly.

If your heater shows any of these signs, switch it off and do not use it again until it has been checked by a qualified person.

EMERGENCY PROCEDURE

In the event of a gas leak or suspected gas leak:

- Extinguish all naked flames and ignition sources.
- Turn off all gas appliances.
- DO NOT switch on or off any electrical equipment.
- Open all doors and windows to increase ventilation.
- Turn off gas supply at cylinder.
- Do not use the portable heater until it has been made safe and tested.

IN THE EVENT OF FIRE

- Call the Fire Brigade immediately and inform them that an LPG cylinder is on the premises.
- Turn off the gas supply if possible and only if it is safe to do so.

PREPARATION FOR USE

- **WARNING: Keep all objects at least 1 metre from the front, sides and rear of the appliance.**

 - **WARNING: In order to avoid overheating or risk of fire, do not cover the heater.**

 - **WARNING: Never leave this heater unattended when in use.**
1. You will require a standard LPG gas bottle up to a maximum size of 10kg.
 2. Remove all packaging from your heater.
 3. DO NOT fit or remove a gas bottle in the presence of a naked flame.
 4. The heater is supplied with a standard regulator designed to supply gas to consuming appliances at a pressure and capacity as indicated on its label. The regulator can be fitted to any cylinders equipped with an outside thread valve having a diameter which is also indicated on the regulator. Gas cylinders must always be used in the upright position. Never use a flame to look for leaks
 5. Connecting the Regulator to the gas cylinder Valve. Make sure the taps and the appliance is turned off with the heater's control placed in the ignition position. Connect the regulator to the LPG cylinder ensuring a good tight connection. Place the regulator on top of the cylinder valve and press firmly downwards. If you encounter any problem with connection, please contact your local gas supplier at once.
 6. Switching the gas ON and OFF. When a proper connection has been made between the cylinder and the valve and regulator you may turn on the gas by turning the tap on top of the cylinder in the direction shown on the tap.
 7. The gas is now in the "ON" position and the appliance can be lit (see basic operation).
 8. To turn the gas off, turn the gas tap in the opposite direction until tightly closed. The gas is now turned "OFF" at the cylinder.
 9. Never attempt to turn off the gas supply by disconnecting the regulator from the cylinder without first closing the gas tap.
 10. Changing the cylinder. Always turn the gas off at the gas tap. Then unscrew the regulator connection. Locate a full gas cylinder in the unit and carefully reconnect the regulator to the cylinder. Contact your local gas supplier should you have any problems concerning your regulator.
 11. Once the gas supply is installed, check for gas leaks. Do this by brushing the connections with detergent.
 12. A leak will form bubbles.
 13. Smell the area around the appliance for gas.
 14. Be sure to smell next to the floor, because some gas is heavier than air and will settle on the floor.

SHOULD YOU FIND A GAS LEAK:

Switch off the cylinders gas tap and disconnect the regulator.
Seek professional advice.

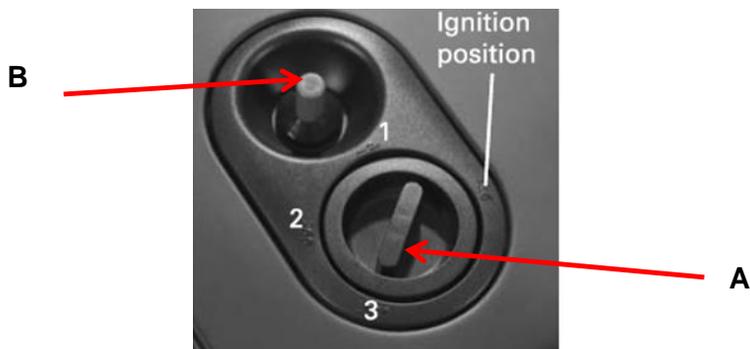
CAUTION! Gas bottles can be heavy! Seek help with lifting if you are unsure of your ability to do so. DO NOT allow the gas supply hose to become trapped or kinked.
Avoid twisting, stretching or excessively bending the flexible gas hose.

BASIC OPERATION

1. Having installed a gas bottle and fitted the retainer, select a suitable position for the heater. It must be placed on a firm level surface, away from any combustible materials (e.g. carpets, curtains and upholstery). Always choose a safe location for the heater keeping in mind the important safeguards detailed in these instructions.
2. Open the cylinder gas tap.
3. Stand to the side of the heater not directly in front.
4. Ensure that the heat selector dial (A) is set to the ignition position.
5. Hold down the control dial and at the same time repeatedly press the ignition button (B) to ignite the pilot light (at the bottom of the burner). Continue to hold the control dial for a few seconds and then release. If the pilot light goes out, repeat the operation above.

NOTE: When first lighting your heater, it may be necessary to hold down the heat control dial for a longer time to allow gas to flow to the pilot.

5. Once the heat is lit, turn the heat control dial to the desired heat setting: 1-LOW, 2-MEDIUM or 3-HIGH.
6. To turn off the heater, place the cylinder gas tap to the off (closed) position, wait a few seconds then return the heat control dial to the ignition position.



Evantair Gas Cabinet Heater TWGC100

WARNING: READ BEFORE USE. THIS HEATER MUST NOT BE USED IN BEDROOMS, BATHROOMS, TOILETS OR CARAVANS

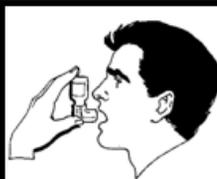
HOW TO LIGHT

1. Stand to the side of the heater
2. Turn the gas cylinder valve "ON" anticlockwise.
3. Check control knob is in "START" position.
4. Push knob down and press the ignitor button.
5. Check that the pilot flame is alight. Hold for 5 seconds and release the control knob.
6. If it is not alight, wait 30 seconds and repeat from step 3.
7. Once alight, adjust heat by turning the control knob to the 1, 2 or 3 position.

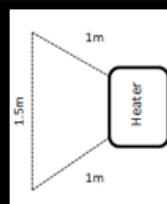
HOW TO TURN OFF

1. Push control knob to "START" position.
2. Turn gas cylinder gas valve to "OFF" clockwise.
3. Ensure pilot flame and heat tiles are extinguished.

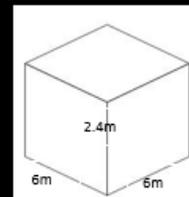
DO NOT ATTEMPT TO RELIGHT FOR ATLEAST 5 MINUTES



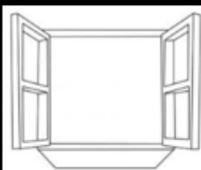
DO NOT use if anyone in your house suffers from Asthma. The use of this type of heater may worsen breathing conditions



Keep the heater at least 1m away from people and flammable surfaces. Heater must face the centre of the room



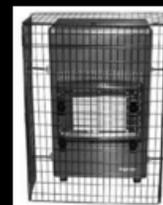
DO NOT use in a small Room – less than 32 square metres



Make sure you have good ventilation. At a minimum Leave a window open to outdoors by at least 2cm (20mm) while the heater is in use



Starting the heater or turn it off by operating the controls from The side of the appliance. Gas may flare up in certain circumstances



Use a fireguard for added safety

IMPORTANT! This heater can only be turned off using the gas tap on the cylinder. The heat control dial cannot turn the heater off. This is a safety feature to ensure all gas in the heater has been used up.

WARNING! If the flame does not completely extinguish (including the pilot light), when the gas is turned off, do not remove the regulator. Return the valve to the open position, leave the heater alight, and contact a competent gas engineer

CLEANING AND STORAGE

- ALWAYS switch off the heater and allow it to cool completely before commencing any kind of cleaning or maintenance operation. Use only a clean, dry or slightly moistened cloth to clean the external surfaces. Never probe inside or try to disassemble the heater.
Use a vacuum cleaner regularly to remove dust and fluff from the heater grill (F).
- ALWAYS allow the heater to completely cool before storing. Packing the heater in its original carton provides the best protection. Store the heater in a cool and dry location.
- ALWAYS store the heater with the gas cylinder removed.
- Contact your local gas supplier for details of safe storage and transportation of gas cylinders.

IMPORTANT! NEVER COVER THIS HEATER!

Do not attempt to dismantle the Gas Heater. There are no user serviceable parts. For service or repair, contact an authorised gas service technician.

PROOF OF PURCHASE

To receive warranty retain receipt as proof of purchase. (Refer to back of booklet).

TECHNICAL SPECIFICATION

Model No:	TWGC100
Pressure:	30mbar
Heater Input:	Minimum 1.5kW Medium 2.9kW Maximum 4.2kW
Consumption:	Minimum 110g/h Medium 207g/h Maximum 305g/h
Injector Size:	0.60mm
Ignition System:	Piezo Electric
Cylinder Type:	Up to 10kg cylinders, up to 70cm height

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SUPPORT AND TECHNICAL ADVICE

North Shore City, Auckland, New Zealand

Monday – Friday 8am-5pm

Phone: 0800 232 633

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Your Evantair product has been inspected and tested and is guaranteed subject to the following for a period to two years from the date of purchase against defects in workmanship and materials. During this period, such defects will be rectified by repair or replacement of the product purchased. Your product contains no user serviceable components and this warranty becomes invalid if in our opinion the product has been misused, abused, incorrectly installed, tampered with, connected to an electrical supply not corresponding with the name plate specification, or subjected to power surges. The warranty does not include any labour or other associated expense that may be involved in removal or installation of the product. Normal wear and tear is expressly excluded.

If your Evantair product fails to operate satisfactorily, please return it to the retailer from whom it was purchased. To obtain a repair or replacement product under this warranty, you will need to produce satisfactory evidence of date of purchase. The completed warranty and purchase receipt must be presented with the product. The warranty should be filled out at the time of purchase. It is in your interest to make sure this is done.

If the product is to be replaced (cannot be repaired) then that replacement will be of the same or similar product or accessory excluding packaging, instruction card etc. Where a replacement product is supplied, this shall be guaranteed for the balance of the original warranty period.

Any model that is no longer available will be replaced by a model of a value and with such features as we consider appropriate in the circumstances. Evantair Ltd is not responsible for freight forwarding charges, losses or damage in transit.

If service is required after the warranty period has expired, the product should be returned to a qualified electrical technician. Service outside of the warranty period will be at your cost.

Consumers Guarantee Act (1993).

In accordance with the above act consumers are advised that: The manufacturer does not undertake that repair facilities and parts are necessarily available for this product.

If any of the provisions of the foregoing are contrary to any relevant legislation, then that provision shall be deemed to be excluded from the warranty and the rest of the provisions will continue to apply.

IMPORTANT: PLEASE RETAIN THIS WARRANTY CARD

NAME:

ADDRESS:

PURCHASED FROM:

SUBURB:

DATE OF PURCHASE:

NAME OF PRODUCT:

MODEL No:

TWO YEAR WARRANTY

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