Pro-Tech TOOLS

Pro-Tech TOOLS 4.2 kW Combination Room Heater



Instructions for use

Translation of the original instructions

For your safety, please read these instructions carefully and operate the appliance in accordance with these instructions. Keep these instructions in a safe place for future reference. Use only in well-ventilated areas.

- Use only in well-ventilated areas.
- Do not use in recreational vehicles such as caravans and motorhomes.
- This appliance requires a hose and regulator; contact your gas supplier.
- Read the instructions before using this appliance.

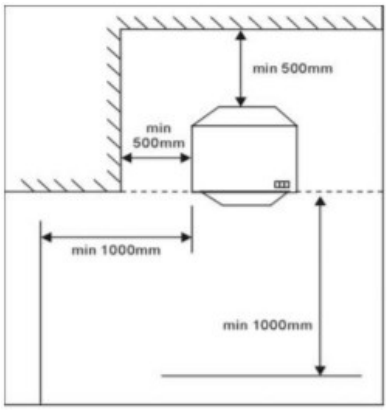
Warning: Failure to follow the information in this manual exactly may result in a fire or explosion, which could cause property damage, personal injury or loss of life.

WARNING

1. Never attempt to light the heater if the hose appears to be loose or damaged in any way. 2. Do not press the ignition button for longer than 40 seconds.
3. Never disconnect the regulator whilst the gas cylinder valve or the regulator is open.
4. Do not change gas cylinders in an area where there is an open flame. 5. Do not expose the gas cylinder to extreme heat.
6. Do not store any additional gas cylinders in the room where your heater is in use. 7. Do not insert your finger or any other objects through the heater's protective cover.
8. Leave a distance of at least 1 metre between the heater and any other heat source. 9. Do not allow unauthorised persons to access or tamper with your heater.
10. Do not use the appliance under electrical sockets.
11. Do not use the heater in bathrooms, showers, swimming pools, or recreational vehicles such as caravans or motorhomes.
12. This heater must not be used without a gas cylinder fitted for stability purposes.
13. Do not cover the heater. Fabrics, clothing, curtains, drapes, bed linen and other flammable materials may catch fire if placed against the vents of your heater.
14. In the event of a gas leak, the appliance must be switched off immediately. Close the valve on the gas cylinder and on the regulator's shut-off valve. Disconnect the regulator from the cylinder.
15. After use, switch off the appliance at the regulator valve and disconnect the regulator from the gas cylinder.
16. Use only in well-ventilated areas.
17. The protective guard on this appliance is designed to prevent the risk of fire or injury caused by burns, and no part of it must be permanently removed. IT DOES NOT PROVIDE EFFECTIVE PROTECTION FOR SMALL CHILDREN OR THE ELDERLY.
18. Do not move the appliance whilst in operation; shocks may activate the safety device.
19. Do not use this heater with a programmer, timer, separate remote control or any other device that automatically switches the heater on, as there is a risk of fire if the heater is covered or incorrectly positioned.
20. The fire protection on this heater is designed to prevent direct access to the heating elements and must be in place when the heater is in use. The protection does not provide full protection for small children and infirm persons.
21. WARNING: To prevent overheating, do not cover the heating element.
22. Children under 3 years of age should be kept out of reach unless under constant supervision. Children must not plug in, adjust, clean or carry out maintenance on the appliance.

SAFETY PRECAUTIONS

1. Always use the heater in accordance with the instructions supplied with each heater. Keep the instructions in a safe place.
2. DO NOT place clothing or other materials on the heater. This could cause a fire hazard or affect the appliance's efficiency. 3. DO NOT place the heater near furniture.
4. Do not move the heater from room to room whilst it is switched on.
5. Do not place the heater near walls, furniture, curtains, bedding or other flammable materials, as this could cause a fire. The following minimum distances must be observed: 50 cm from the sides and 100 cm from the front. Always point the heater towards the centre of the room. The heater should always be placed on a level surface.
6. If you suspect a leak, do not disconnect the regulator. Check all connections. Slowly turn on the gas and wipe the connection with soapy water or a leak detection spray. A gas leak will cause bubbles to form. If a leak is found, turn off the gas. Do not use the heater again until it has been checked by a qualified person in accordance with gas safety regulations (installation and use).



Note: The minimum distance from the portable heater to the ceiling must be at least 1,000 mm.

ENVIRONMENT OF USE

Your appliance consumes oxygen when in use. For this reason, adequate ventilation must be ensured in the rooms where the heater is used. This ensures the removal of combustion products and allows fresh air to enter. Adequate ventilation should significantly reduce the occurrence of condensation.

1. This appliance requires a hose and regulator. 2.
Use only in well-ventilated areas.
3. Do not use in vehicles, caravans or motorhomes.
4. Do not attempt to use in high-rise flats, basements, bathrooms or bedrooms.
5. This appliance should be checked for leaks before first use and whenever the cylinder is reconnected.
6. It is important that all gas connections are made correctly to prevent gas leaks. Do not use an open flame to test for leaks. Use soapy water or a leak detection spray.
7. Always use the cylinder in an upright position.
8. Always switch off the appliance when not in use.
9. When switching on the heater for the first time, or after a long period since last use, light the heater outdoors and let it burn off outdoors for 15 minutes.
10. Do not use the heater whilst sleeping.
11. Do not use the heater in high-rise flats.
12. Do not use the heater in basements, bathrooms or bedrooms.
13. This appliance requires a hose and regulator; check with your gas supplier for the correct type for the cylinder used and all applicable regulations.
14. The appliance cover is designed to prevent the risk of fire or burns, and no part of it should be permanently removed. It does not provide full protection for small children or the infirm. We recommend installing suitable fire protection.

Use only a regulator and hose approved for LPG at the correct pressure.

The pressure regulator should comply with standard STN EN 12864:2004-06 (06 1821) and the regulations in force in the country where it is installed; these can be obtained from your nearest gas equipment supplier – see technical data. It is strictly forbidden to use an adjustable pressure regulator.

The regulator's service life is estimated at 10 years. It is recommended that the regulator be replaced within 10 years of the date of manufacture, or replaced in accordance with national regulations.

The hose used must comply with the relevant standard for the country of use. The hose length must be 0.5 m (maximum). A worn or damaged hose must be replaced. Ensure that the hose is not blocked, knotted, or in contact with any part of the appliance other than where it is connected. It is recommended to replace the hose within 1 year of the date of manufacture, or in accordance with national regulations.

HOW TO CHOOSE THE RIGHT REGULATOR

30 mbar regulator for butane, propane or mixtures thereof @ category I3B/P (30)

WARNING

Always carry out a leak test on all connections whenever you reconnect the gas cylinder or if the heater has not been used for a long time. Do not twist the flexible hose or the standard hose.
Do not move the appliance whilst it is switched on.

CONNECTING THE GAS CYLINDER

1. Insert the filled gas cylinder into the rear of the heater.
2. Attach the gas regulator to the gas cylinder, and connect the flexible hose to the regulator and the gas valve.
3. Turn on the cylinder and the regulator.
4. If a regulator is not supplied or is missing, contact your gas supplier and enquire about the correct type of gas cylinder to use.
5. Important leak test: This must be carried out in a well-ventilated area, away from open flames and other sources of ignition. With the regulator connected to the cylinder, turn on the regulator control. Wipe all connections from the gas cylinder to the appliance valve with a solution of washing-up liquid and water, or
a leak detection spray. A stream of bubbles indicates a leak. If you detect a leak, turn off the regulator, disconnect it from the cylinder and remove the gas cylinder outdoors or in a well-ventilated area. DO NOT USE THE HEATER. Contact your gas supplier for assistance. After the leak test, secure the rear cover.

HOW TO SELECT/REPLACE A GAS CYLINDER

1. Before removing and replacing the cylinder, turn off the regulator and allow the heater to cool down completely. Do not attempt to replace the cylinder whilst the heater is still in operation.
2. The cylinder must be replaced in a flame-free environment.
3. Do not smoke whilst replacing the cylinder.
4. If you need to replace an empty cylinder, turn off the gas at the valve or regulator and remove the empty cylinder from the heater.
5. Remove the regulator from the empty cylinder.
6. Follow the instructions in the section "CONNECTING THE GAS CYLINDER" to connect the new gas cylinder.

FUNCTIONS

1. Gas and electricity function The design of this appliance maintains heat using gas and electric heating.

2. Safety features * Tip-over prevention function: This product is equipped with a tip-over switch. If the product accidentally falls over, this appliance will automatically shut off the gas and electricity supply for safety reasons. *** Oxygen Deficiency Sensor (ODS):** This product is equipped with an ODS. When it detects a lack of oxygen, the ODS cuts off the gas supply for safety reasons. *** Overheating protection function:** This electric heater is equipped with a thermostat. If the product is not used correctly, causing the panel temperature to become too high, the heating element will stop working, but the turbo fan will remain on. Unplug the power cord until the temperature drops to a normal level, then reconnect the power cable and switch the appliance back on; the heating element will recover and function normally.

USER MANUAL INSTRUCTIONS

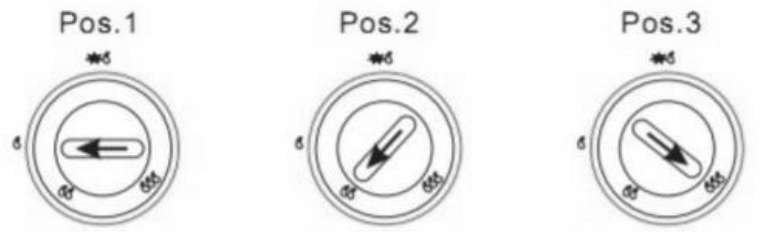
FOR SWITCHING ON

The heater is designed to be powered by both gas and electricity.

1. The gas heater control has 4 settings: On, Low, Medium and High.

SWITCHING ON

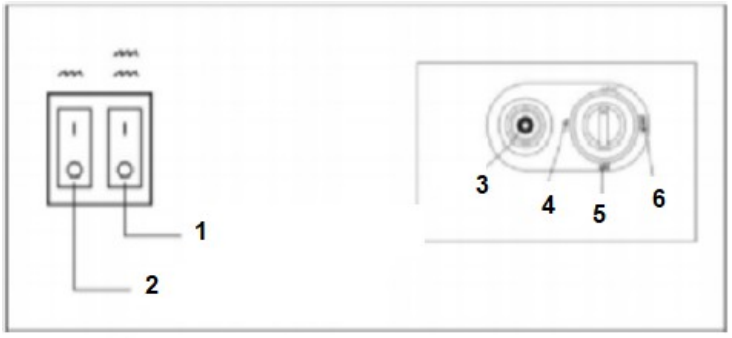
Operation of the gas heater



1. Start by opening the gas supply on the gas cylinder.

2. Press and turn the control knob to the ON position and hold for 10 seconds.

3. While still holding the control knob, press the ignition button until the pilot/indicator flame ignites. Before releasing the control knob, hold it for a further 10–15 seconds; if the pilot/indicator flame goes out, repeat the above procedure. Turn the knob to the first position. Before turning the knob to the desired temperature setting, leave the heating setting in the first position for 3 minutes or longer.
4. To switch from the minimum to the medium setting, gently press the control button and turn it to position 2.
5. To switch from medium to maximum mode, gently press the control button and turn it to position 3.



1. For the first two tubes
2. For the third tube
3. Ignition button
4. Low setting
5. Medium setting
6. High setting

1. Pressing the switch turns on only one 500 W heating element.
2. Pressing the switch turns on two heating tubes with a power output of 1,000 W.

Note: The minimum power output of the quartz heating is 500 W and the maximum power output is 1,500 W.

CAUTION!

To switch off the heater, you must close the gas supply to the cylinder. If you are not going to use the heater for a long time, disconnect the regulator from the gas cylinder and replace any protective elements or the cover to prevent accidents resulting from their malfunction. Do not turn the control knob with force; the button should be gently pressed down before turning the control knob. The control knob cannot be turned without pressing it down. Ensure that the knob is locked in the desired position after use.

WARNING – Some parts of this product may become very hot and cause burns. Particular care must be taken with children and vulnerable persons.

STORAGE

1. Disconnect the bottle and remove it from the appliance.
2. Store the bottles in a well-ventilated place away from flammable materials. The storage area should be outdoors if possible. The bottles must not be stored in basements or in high-rise flats.
3. The heater should be stored in its original packaging in a dry, dust-free environment.

CLEANING

1. Use a damp cloth to clean the exterior and the cylinder storage area of your heater. 2. Ensure that no water comes into contact with the burners or the pilot/main flame area. Wipe the heater completely dry before use. 3. Do not use abrasive cleaning agents, as these may damage the paint finish.

MAINTENANCE GUIDE

1. Check the flexible hose between the regulator and the heater regularly and replace it if it is dirty, worn or damaged.
2. It is recommended that the heater be serviced annually by a competent person in accordance with gas safety regulations (installation and use).
3. If any parts need to be replaced, they should only be replaced with genuine parts supplied by the original manufacturer.
4. If the product is to be used after a long period of inactivity, the user should check that the portable heater is functioning normally, for example, that the flexible hose and regulator are not damaged, the gas connection from the gas cylinder to the heater is leak-free, and the heater can be lit without a pilot light and without excessive noise inside the heater.
5. Do not attempt to check the electrical components before unplugging the power plug from the mains.

This product is not suitable for primary heating purposes.

- Energy efficiency class: Class A
- Direct heat output: 4.2 kW
- Energy efficiency index: EEI = 89%

TECHNICAL SPECIFICATIONS

Model: HT-H-0015
Heat output (Gas): 4.2 kW (305 g/h)
Category: I3B/P, I3+
Gas type: G30/G31 (LPG)
Operating pressure: 28–30/37 mbar
Voltage/Frequency: 220–240 V/50 Hz
Electric heating output: 900 W