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CHANGING THE GAS CYLINDER

- 1. Turn the heater off by turning the handwheel on the cylinder valve fully clockwise to the OFF position.
2. Wait until the flame has gone out completely.
3. With the flame out, allow the heater to run on fan only for a few minutes in order to cool down.
4. Make sure that there are no naked flames nearby, and that the room is well ventilated.
5. Switch the fan off. Unscrew the regulator connecting union using the correct spanner.
6. Put the regulator assembly to one side, taking care not to damage the hose and union assembly.
7. Take any plastic protective plug out of the valve on the new cylinder and save it for refitting to the old cylinder.
8. Check that the valve connection on the new cylinder is the same as the one on the old cylinder, and that the threads are undamaged.
9. If the valve connections are the same, move the empty cylinder to a safe location.
10. Fit to the empty cylinder any plastic protective plug kept from the new cylinder.
11. Check that the connection on the regulator is clean and undamaged.
12. If you suspect that the cylinder connection is not gas tight, do not try to light the heater.
13. Check that the valve handwheel is turned fully clockwise to the OFF position.
14. If your heater does not work properly do not try to repair or adjust it.
15. You may want to read this leaflet again, please keep it until you have finished using the heater.

Using the Gas Heater

- 1. Wear your protective equipment including ear defenders and goggles.
2. Always grip the floor plane correctly with two hands while working.
3. Make sure the drum is running at full speed and then lower it carefully onto the surface.
4. Take care not to damage any finished floor surfaces by operating the cutters while moving to your work area and positioning the floor pane.
5. If the machine starts to labour, reduce the depth of cut and make two passes.
6. While planning the surface, keep a lookout for any obstructions in your path.
7. You must stop the engine if you need to change the cutters or make any adjustments.
8. Watch out for signs that vibration from the work may be affecting your hands.
9. To help prevent vibration affecting your hands, operate the roller for shorter periods.
10. Stop the engine if leaving the machine unattended.
11. If your equipment does not work properly do not attempt to repair it.

Please keep this leaflet safely as it may be required for future reference



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Andrews Gas Heater
The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

It is important to read this entire leaflet BEFORE using the Gas Heater

- 1. Plan your work and think ahead to make sure you will always be working safely.
2. Propane gas is highly flammable and must always be used with great care.
3. Electricity can be hazardous and must always be used with great care.
4. This heater is designed to provide a flow of heated air for general heating of farms, warehouses, factories, and other large buildings.
5. The heater must not be used where there is a fire risk from combustible materials or flammable liquids and gases.
6. Heated air and direct radiant heat from the heater can damage nearby objects.
7. This heater must not be lit, moved or adjusted, and the gas cylinder must not be changed.
8. This heater is designed for operation by an able bodied adult.
9. You will need a residual current device (rcd) for 230v heaters.



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Electrical Safety
1. Your heater will only operate on one voltage: it will be 110V or 230V, 110V machines will have a yellow industrial plug fitted, 230V machines will have either a normal square pin plug fitted, or a blue industrial plug.
Lighting the Heater
1. Check that there is nothing in front of the heater that could catch fire.
2. Ensure the fan switch on the heater is switched off.
3. Switch the fan on, and let it run up to speed.
4. Turn the handwheel on the gas cylinder anti-clockwise to the ON position.
5. Press and hold the ignition button until it clicks.
6. After about 30 seconds, when the safety cut-out device has come into operation, release the pilot valve burner.
7. If the burner has not lit, wait for 1 minute before trying again from instruction 5 above.
Stopping the Heater
1. Turn the handwheel on the gas cylinder valve clockwise to the OFF position.
2. Allow the heater to run on fan only for a few minutes until it has cooled down.
3. Switch the fan off, and unplug.
Use as a Ventilator
1. The gas cylinders are not required, make sure all valves are turned off and the cylinders stored safely away.
2. Ensure the fan switch on the heater is switched off.
3. Switch the fan on.
Safety
1. If the flame goes out the pilot valve will automatically shut off the gas supply.
2. If the thermostat overheats for any reason, it will shut off the gas supply.
3. Turn off the gas supply if the electric supply to the fan is interrupted.



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Andrews Gas Heater
1. Check your heater, including mains gas hoses and cylinders.
2. Check that the gas regulator on your heater matches the valve on the cylinder.
3. Do not place clothes or other material on the heater or directly in front of it.
4. Make sure there is no burnable material such as fabric or paper near the heater.
5. The air blast will disturb papers and other light materials.
6. Make sure the back of the heater is clear and that no loose items will block the fan.
7. Put the heater in the position that you intend to use it before you connect the gas cylinder.
8. You must make sure that the heater is in an area where there may be children or infirm persons you will need to put up barriers to keep people at a safe distance.
9. You must make sure that the heater is in an area where there may be children or infirm persons you will need to put up barriers to keep people at a safe distance.
10. Never move the heater while it is lit.
11. Make sure that you understand all of the controls.
12. Always use the correct spanner to adjust the gas regulator.
13. Do not try to force connections or improve them.
14. Do not use the heater for anything other than its intended purpose.
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