



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. If the flame does not go out call the hire company immediately.
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. This union has a left hand thread.
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. If it is different, do not try to fit the new cylinder. This could be very dangerous. Refit the old cylinder, and contact the hire company.
9. If the valve connections are the same, move the empty cylinder to a safe location. Position the new one to the side of the heater where it will be clear of the heat, but without straining the gas hose. Remember to take care – the new cylinder will be heavier than the empty one.
10. Fit to the empty cylinder any plastic protective plug kept from the new cylinder.
11. Check that the threaded connection on the regulator is clean and undamaged. Carefully fit the connector by hand – it has a left hand thread. When the connector is threaded properly, do it up had tight, then tighten fully using the correct spanner.
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. Contact the hire company immediately.
14. If your heater does not work properly do not try to repair or adjust it. Contact the hire company.
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. Stop the floor plane and clear them out of the way.
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. If your fingers start to tingle or feel numb, take a short break from work. Exercise your fingers to encourage blood circulation.
9. To help prevent vibration affecting your hands, operate the roller for shorter periods. Keep your hands warm – wearing gloves may help do this.
10. Stop the engine if leaving the machine unattended.
11. If your equipment does not work properly do not attempt to repair it. Contact the hire company.

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. Cylinders must not be stored in occupied domestic premises.
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. It can also be used to circulate air as a means of cooling and ventilation.
5. The heater must not be used where there is a fire risk from combustible materials or flammable liquids and gases. Make sure there is not paper or other materials, or flammable liquids and gases. Make sure there is no paper or other light, flammable materials that can be drawn towards the heater by the air flow.
6. Heated air and direct radiant heat from the heater can damage nearby objects as well as presenting a fire risk. Make sure there are no objects near enough to the heater to get hot.
7. This heater must not be lit, moved or adjusted, and the gas cylinder must not be changed, by minors, or by anyone under the influence of drugs or alcohol.
8. This heater is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.
9. You will need a residual current device (rcd) for 230v heaters.



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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 to off. Plug the heater into the appropriate electrical supply.
3. Switch the fan on.
4. If the flame goes out the pilot valve will automatically shut off the gas supply.
5. If the thermostat overheats for any reason, it will shut off the gas supply. Turn the gas valve off the electric supply to the fan is interrupted.

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USE AS A VENTILATOR

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.

STOPPING THE HEATER

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LIGHTING THE HEATER

1. Check that there is nothing in front of the heater that could catch fire. Do not lean over the heater when starting it.
2. Ensure the fan switch on the heater is switched to off. Plug the heater into the appropriate electrical supply.
3. Switch the fan on, and let it run up to speed.
4. Turn the handwheel on the gas cylinder valve clockwise to the ON position.
5. Make sure that any extension cable connections are dry and safe.

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1. Use a residual current device (rcd) plugged directly into the 230 volt socket.
2. Plug your machine into the rcd. This will help to protect you against electric shock. If the cable or machine get damaged, unplug it immediately.
3. If you need an extension cable, follow instructions supplied with it. Reset the rcd according to the instructions supplied with it.



230 VOLT EQUIPMENT (SQUARE PIN OR BLUE PLUG)

1. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.
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110 VOLT HEATER (YELLOW PLUGS)

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