



2kW Greenhouse Heater

Instructions



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Please read and follow all instructions carefully and keep them in a safe place for future reference. Do not allow anyone who has not read these instructions to assemble, adjust or operate the heater.

This heater is an electric heater with a ventilator/fan motor. It can be used in the home, warehouse, workshop or greenhouse. It has a mounted thermostat and a back-up safety cut-off thermostat. The mounted thermostat takes the temperature of the air going into the heater and controls the temperature of the room. The cut-off thermostat will switch off the heater if overheating, to ensure safety. The fan motor is not controlled by the

thermostats and when the heating element is cut off, the ventilator stays on.

When operating the heater for the first time, you may notice a slight emission of smoke. This is quite normal and it stops after a short time. The heating element is made of stainless steel and is coated with protection oil at production. The smoke is caused by the left oil when heating.

Technical specifications

Voltage/frequency: AC 220-240 V - 50Hz

Power rating: 2025 W

Settings: 3 (fan only, 1000 W and 2000 W)

Temperature: Continuously adjustable 0-85 °C

Dimensions: 230 x 198 x 320mm

Weight: 3.5kg

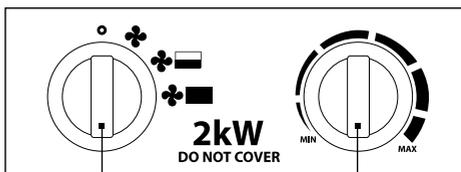
Requires at least a 10 A fuse

Housing of steel plate and heat-resistant lacquer

Supplied complete with cord and plug

IPX4

Description of Control Panel



Function selector with three power settings

Thermostat dial

Special safety regulations

Warning: In order to avoid overheating, DO NOT COVER the heater during use.

When using an electrical appliance, basic precautions should always be followed including below:

- The fan heater is not suitable for use outdoors in damp weather, in bathrooms, shower stalls or in other wet or damp environments.
- The fan heater can become very hot and should, therefore, be placed at a safe distance from flammable objects such as furniture, curtains, tent fabrics and similar.
- Do not cover the fan heater.
- Do not place the fan heater immediately under a wall socket.
- Do not connect the fan heater using an on/off timer or other equipment which can automatically switch the device on.
- The fan heater must not be placed in rooms where flammable liquids or gases are used or stored.
- If an extension cord is used, it must be as short as possible and always be fully extended.
- You must not connect other appliances to the same mains socket as the fan heater.
- If the cord of the heater is damaged, it must be repaired by manufacturer or qualified electrician.
- Make sure heater is always under surveillance, do not leave it for a considerable amount of time when in use.
- Keep children and animals away from the heater.
- Do not place the appliance on moving vehicles or somewhere it can be tipped over.
- Unplug the appliance when not in use for a long period of time.
- Never remove the plug by pulling on the cord.
- Keep the heater away from curtains, fabric or other places where the air inlet can easily be blocked.
- The power coupler is waterproof when not in use. In order to prevent possible electric shock or leakage current, never use the appliance with wet hand or operate the appliance when there is water on the power cord.
- Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available.
- The heater should not be used by children or those of restricted ability, without proper supervision and instruction.

How to use

- Position the fan heater so that it stands upright on a firm surface and at a safe distance from wet environments and flammable objects. Ensure the rear of the heater is at least 30cm from any wall or obstruction that may prevent air intake, and the front of the heater is at least 60cm from any obstruction of the hot air output.
- Connect the fan heater to the mains.
- Set the thermostat dial to the maximum temperature.
- The fan heater will switch on when the function selector is set to one of the three power settings.
- Once the room reaches the required temperature, turn the thermostat down until you hear it click, the heater will now turn off but the fan will remain on. Once the temperature decreases, the heating element will start again.
- The fan heater now starts and stops automatically and thus keeps the room temperature constant.
- Before disconnecting the heater, please turn the thermostat to OFF position and turn the heating knob to FAN, let the appliance cool down for at least two minutes, before switching off.
- After using, turn off the heater first, then pull out the plug.

Cleaning and Maintenance

Before cleaning the appliance, ensure it is cool and disconnect it from the socket. We recommend you clean the enclosure regularly wiping it with a soft sponge.

For stubborn dirt, wipe with a sponge dipped in warm water with a mild detergent, then dry the heater enclosure with clean cloth. Be careful not to let the water enter the appliance inner.

Don't splash water onto the heater, never use solvents like gasoline, isoamyl acetate toluene etc. to clean the heater, in order to protect the enclosure.

Clean the cord and plug, dry and pack it in a plastic bag.

To store the heater, let it cool and keep it dry. Cover it with a plastic bag, put in a packing box and store it in a dry, ventilated place.

Trouble shooting

Common problems can be solved easily, see the suggestions below:

Problem	Possible cause	Treatment
The heater does not work when it is plugged in and the switch and thermostat are on.	The plug is loose, bad connection	Pull out the plug, check the connection of the plug and socket. Then connect again.
	No power in socket outlet	Insert the plug in a working socket
The heating element is glowing	The input voltage is too high or too low	Check supply and ensure it is the right input as stated on the rating label
	The air inlet grill is blocked	Keep the heater well away from articles like walls, curtains, fabric, plastic bag, paper and other things which can cover the air inlet
The appliance didn't heat up, only the ventilator worked	The switch was not put at a heating setting	Turn the switch to heat setting
	The thermostat operated	Turn the thermostat and listen for a 'click'. If there is no 'click' and the thermostat is not damaged, the heater will automatically switch on when the appliance has cooled down
Abnormal noise	The appliance is not standing upright	Put the heater on a level surface

Disposal

Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



Warranty

This product has a 12-month warranty from date of manufacture providing the unit is returned to the place of purchase and subject to the unit not being misused or modified in any way.

ANY ALTERATION OF THE UNIT'S COMPONENTS AND/OR CONNECTIONS OR CABLING, HOWEVER MINOR, WILL BE CLASSIFIED AS MODIFICATIONS AND WILL INVALIDATE ANY WARRANTY SUPPLIED WITH THE UNIT.

The unit must be returned with original plug and leads intact. In case of problems with the unit, consult the guidelines in these instructions.



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LightHouse is a HydroGarden brand.
2 Progress Way, Binley, Coventry, CV3 2NT, UK
www.hydrogarden.com
024 7665 1500