	<b>User's Manual and Operating Instructions</b>	2kW Greenhouse fan heater
<b>READ INSTRUCTIONS CAREFULLY:</b> Read and follow all instructions. Place instructions in a safe place for future reference. Do not allow anyone who has not read these instructions to assemble, adjust or operate the heater.		

## Model: SYHEA2

### 1. Instructions

- 1.1 This heater is an electric heater with ventilator/fan motor and can be used in the home ,warehouse ,workshop or greenhouse. It contains a thermostat and a non-self-reset safety thermostat . The thermostat feels the air inlet temperature and controls the room temperature. The Non-self-reset thermostat will switch off the heater in the event of overheating to ensure the safety .
- 1.2 When using 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 by production. The smoke is caused by the leftover oil when heating for the first time.

### 2. Technical specifications

Voltage/frequency: 240V ~ 50Hz  
Power rating: 2000 W  
Settings: 3 (25 W, 1000 W and 2000 W)  
Temperature: Continuously adjustable 0-85 °C  
Dim.: 230 x198x320mm  
Weight: 3.5kg

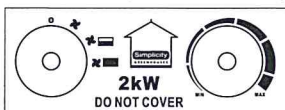
Requires at least a 10 A fuse

Housing of steel plate and heat-resistant lacquer


Supplied complete with cord and plug

### 3. Description of Control Panel

- 1.Function selector with three power settings. Position 0 is off, position 1 is fan only, position 2 is 1kW heating and position 3 is 2kW
2. Thermostat dial. Adjust this with the help of a thermometer to get the greenhouse to your desired temperature.



### 4. Special safety regulations

- 4.1  **Warning :** In order to avoid overheating, please **DO NOT COVER** heater during use.
- 4.2 When using electrical appliances basic precautions should always be followed including below :
  - 4.2.1 The fan heater is not suitable for use outdoors in damp weather, in bathrooms, swimming pools or in other very wet or damp environments.
  - 4.2.2 Please note that the fan heater can become very hot and should, therefore, be placed at a safe distance from flammable objects such as furniture, curtains and similar.
  - 4.2.3 Do not cover the fan heater.
  - 4.2.4 Do not place the fan heater immediately under a wall socket or other objects.
  - 4.2.5 Do not connect the fan heater using an on/off timer or other equipment which can automatically switch the device on.
  - 4.2.6 The fan heater must not be placed in rooms where flammable liquids or gases are used or stored.
  - 4.2.7 If an extension cord is used, it must be as short as possible and always be fully extended.
  - 4.2.8 You must not connect other appliances to the same mains socket as the fan heater.
  - 4.2.9 Heater can't be used in bath-room, shower stall and Pool directly.
  - 4.2.10 If the cord of heater is damaged ,it must be repaired by manufacturer or maintenance point
  - 4.2.11 Make sure heater is always under surveillance and keep children and animals away from it;
  - 4.2.12 Do not place the appliance on moving vehicles or somewhere where it is easy to be tipped over .
  - 4.2.13 When you aren't using the appliance for a long time, unplug the appliance .Don't leave the heater for a considerable amount of time when in use. Pull the plug straight out , Never remove the plug by pulling on the cord .
  - 4.2.14 Keep the heater far from curtains loose foliage or places where the air inlet can easily be blocked.
  - 4.2.15 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.
  - 4.2.16 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
  - 4.2.17 .The heater should only be used by competent adults.

## 5. Instructions for use

- 5.1 Position the fan heater so that it stands upright on a firm surface and at a safe distance from wet environments and flammable objects.
- 5.2 Connect the fan heater to the mains.
- 5.3 Set the thermostat dial to the maximum temperature.
- 5.4 The fan heater will switch on when the function selector is set to one of the three power settings.
- 5.5 Once the room reaches the required temperature, the heater will switch off. As the temperature decreases, the thermostat will turn the heater on again. You can adjust the thermostat using the right hand knob.
- 5.6 The fan heater now starts and stops automatically and thus keeps the room temperature constant, within a range of a few degrees.
- 5.7 Before switching off the heater, please turn the thermostat to OFF position and turn the heating knob to Fan or off, let the appliance cool down for two minutes.
- 5.8 After using, turn off the heater first before pulling out the plug.

## 6. Cleaning and Maintenance

- 6.1 Before cleaning the appliance, disconnect it from the socket and let it cool down. The enclosure is easily to get dirty, wipe it often with soft sponge. For very dirty parts, wipe with a sponge dipped in <math>45^{\circ}\text{C}</math> water and 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 solvent like gasoline, isoamyl acetate toluene etc. to clean the heater as these can damage the heater and may be flammable.
- 6.2 Clean the cord and plug, dry and pack it in a plastic bag.
- 6.3 When you store the heater, keep it dry and store it in a dry, ventilated place.

## 7. Trouble shooting:

You can solve many common problems easily, saving you the cost of a possible service call. Try the suggestions below to see if you can solve the problem before calling the service centre.

Problem	Possible cause	Treatment
The heater does not operate even when it is plugged in and the switch & thermostat are switched on.	The plug is loose or 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 proper socket
The heating element glowing	The input voltage is too high or too low	Use proper supply according to the rating on the label
	The air inlet grill is blocked	Keep the heater far away from articles like curtains, plastic bag, paper, leaves and other things which can cover the inlet or can be easily cover on the air inlet
The appliance didn't heat up, only ventilator worked	The switch is not turned to heating setting	Turn the switch to heat setting
	The thermostat has turned the heater off	Turn the thermostat and listen if there is open/close click. If there is no click and the thermostat is not damaged, the heater will automatically switch on when the appliance cools down
Abnormal noise	The appliance is not standing upright	Put the heater on a level surface

## Disposal



### Environmental Protection

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

Made in PRC for: Simplicity Greenhouses, Blythe Park, Cresswell, Stoke-on-Trent, ST11 9RD, UK