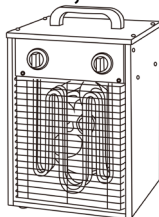


Instruction Manual

FAN HEATER

Model: BH-20A;BH-50A;BH-90A



▲WARNING

1.1 This appliance should not be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience.

1.2  **WARNING:** In order to avoid overheating, do not cover the heater.

1.3 Children of less than 3 years should be kept away unless continuously supervised.

1.4 **CAUTION**-some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

2. Introduction

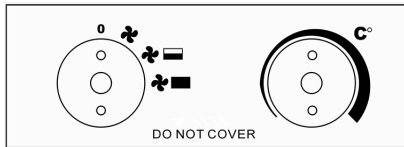
2.1 Depending on the power cord type his fan heater may be used only in household, warehouses and workshops, building sites or greenhouses. The heater incorporates a thermostat and a self-resetting thermal cut-out to control the heating elements. The thermostat senses the air temperature and controls the surrounding temperature. The fan motor is not controlled by thermostat and it keeps on working when the thermostat cuts off the heating element. The self-resetting thermal cut-out will switch off the heater to ensure safety when overheating.

2.2 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 was coated with protection oil. The smoke is caused by the left oil when heated .

3. Technical specifications

Model	BH-20A	BH-50A	BH-90A
Voltage	230V	400V	400V
required power	2000W	5000W	9000W
Setting	25/1000/2000W	30/2500/5000W	55/4500/9000W

4. Description of Control Panel



4.1 Left Knob : selector with heat setting (fan only, fan & one element, fan & two element)

4.2 Right Knob : Thermostat dial

5. Special safety regulations

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

5.1.1 The fan heater is not suitable for use outdoors.

5.1.2 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.

5.1.3 Do not cover the fan heater.

5.1.4 The fan heater must not be located immediately below a wall socket.

5.1.5 Do not connect the fan heater using an on/off timer or other equipment which can automatically switch the device on.

5.1.6 The fan heater must not be placed in rooms where flammable liquids or gases are used or stored.

5.1.7 If an extension cord is used, it must be as short as possible and always be fully extended.

5.1.8 You must not connect other appliances to the same mains socket as the fan heater.

5.1.9 Do not use this fan heater in the immediate surroundings of a bath, a shower or a swimming pool

5.1.10 If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

5.1.11 Make sure heater is always under surveillance and keep children and animals away from it;

5.1.12 Do not place the appliance on moving vehicles or some where easy to be tipped over .

5.1.13 When you don't use 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 .

5.1.14 Keep the heater far from curtains or places where the air inlet can easily be blocked.

5.1.15 The power coupler is waterproof when not in sue. 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.

5.1.16 Do not dispose of electrical appliances as unsorted municipal waste,use separate

collection facilities. Contact you local government for information regarding the collection systems available.If electrical appliance is disposed of in landfills or dumps, hazardous substances can leak into the groundwater.

- 5.1.17** This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
- 5.2.18** Children should be supervised to ensure that they do not play with the appliance.

6. Using Instructions

- 6.1** Position the fan heater so that it stands upright on a firm surface and at a safe distance from wet environments and flammable objects.
- 6.2** Connect the fan heater to the mains.
- 6.3** Set the thermostat knob to the MAX and let the heater operate with full power.
- 6.4** The fan heater will switch on when the heating selector is set to one of the power settings.
- 6.5** Once the room reaches the required temperature, the heating element will stop working, the fan will remain working .Once the temperature decreases, the heating element will remain working. The fan heater will now start and stop automatically and thus keeps the room temperature constant.
- 6.6** Before switching off the heater, please turn the thermostat to MIN position and turn the switch to fan position, let the appliance cool down for two minutes then turn off the heater and pull out the plug.

7. Cleaning and Maintenance

- 7.1** Before cleaning the appliance,disconnect it from the socket and let it cool down. The enclosure can get dirty, wipe it often with soft sponge. For very dirty areas, wipe with a sponge dipped in <50°C water and mild detergent,then dry the heater enclosure with clean cloth. Be careful not to let the water enter the appliance. Don't splash water onto the heater,never use solvent like gasoline etc. to clean the heater.
- 7.2** Clean the cord and plug,dry and pack it in a plastic bag.
- 7.3** When you store the heater, let it cool down first, keep it dry. Then cover it with a plastic bag, put in a packing box and store it in a dry, ventilated place.

8. Trouble shooting:

You can solve many common problems easily. Try the suggestions below to see if you can solve the problem before calling the agent.

Problem	Possible cause	Treatment
The heater does not operate,even when it is plugged in and the switch, thermostat are	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 another socket

switched on .		
The heating element glowing	The input voltage is too high or too low	Use power supply according to the rating on the label
	The air inlet grill is blocked	Keep the heater far way from articles like curtains, plastic bag, paper 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 was not put at heating setting	Turn the switch to heat setting
	The thermostat operated	Turn the thermostat and listen if there is open/close noise. If there is no click and the thermostat is not damaged, the heater will automatic switch on when the appliance has cooled down
	The self resetting cut-out operated	Turn the heater off and inspect the blockage of inlet or outlet. Disconnect the plug and wait at least 10 minutes for the protection system to reset before attempting to restart the heater.
	The Non-self resetting cut-out operated (only for the device with this function)	Disconnect the power , insert something in the reset hole on the control panel ,press down the reset button and connect the circuit
Abnormal noise	The appliance is not upright	Put the heater on a level surface

Disposal



Environmental Protection

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.