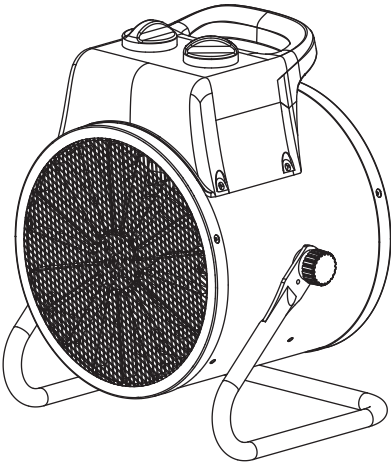


DAHTEC®

Operation Manual

INDUSTRIAL FAN HEATERS



BGP3003-20/BGP3003-28

READ INSTRUCTIONS CAREFULLY: 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, light, adjust or operate the heater.

This product is only suitable for well insulated spaces or occasional use.

▲ WARNING

1.1 This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.



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 Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

1.5 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 this fan heater may be used only in household, warehouses and workshops, building sites or greenhouses depending. It incorporates a thermostat and a self-resetting thermal cut-out to control the heating elements. The thermostat feels the air temperature and controls the surrounding temperature. The fan motor is controlled by thermostat and it stops when the thermostat cuts off the heating element. The self-resetting thermal cut-out will switch off the heater to ensure the 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 by production. The smoke is caused by the left oil when heated .

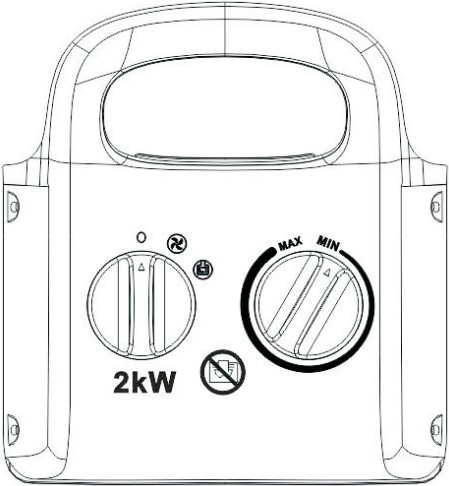
3. Technical specifications

Model	BGP3003-20	BGP3003-28
Waterproof Class	IP24	IP24
Voltage	220-240V~	220-240V~
required power	2000W	2800W
current	8.3-9.1A	11.6-12.7A
Setting	35/2000W	35/1400/2800W
Self-resetting Thermostat	60°C	62°C
Product meast (mm)	240X196X294	240X226X294
N.W.(KG)	2.7	3.2

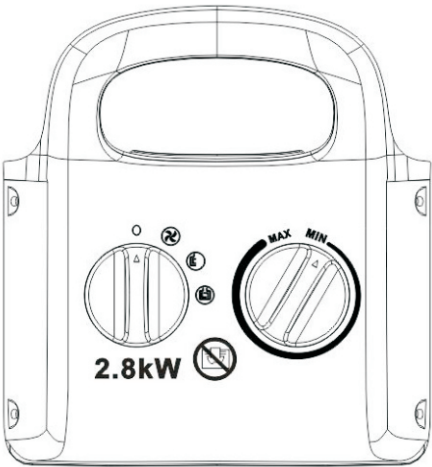
3.1 Housing of steel plate and coated by heat-resistant powder.

3.2 Supplied complete with cord and plug.

4. Description of Control Panel



BGP3003-20



BGP3003-28

BGP3003-30

4.1 Left Knob: selector with heat setting

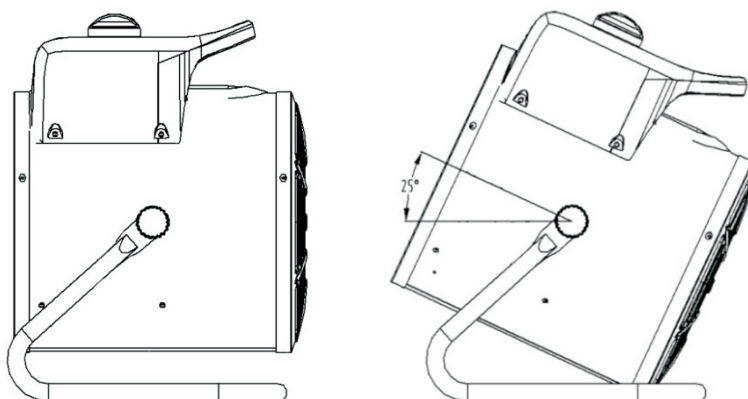
4.2 Right Knob: Thermostat dial

5.3 Adjustable Heating angles:

5.3.1 Angle range is 25 degrees;

5.3.2 Do not force the heater out of angle range, or the angle adjust will be easy broken.

5.3.3 Below drawings of angle adjustment for your reference:



6. Special safety regulations

6.1 Before use, please check the marking on the power cord. Depending on the power cord type this appliance may be used in different ambient conditions

Type	You can use the appliance in	Do not use in
H07RN-F	household, warehouses and workshops, building sites or greenhouses	
H05RN-F	household, warehouses and workshops or greenhouses	building sites
H05RR-F	household, warehouses and workshops	building sites or greenhouses

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

6.2.1 The fan heater is not suitable for use outdoors in damp weather, in

bathrooms or in other wet or damp environments.

6.2.2 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.

6.2.3 Do not cover the fan heater.

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

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

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

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

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

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

6.2.10 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.

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

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

6.2.13 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.

6.2.14 Keep the heater far from curtain or places where the air inlet can easily be blocked.

6.2.15 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.

6.2.16 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 are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

6.2.17 This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

6.2.18 Children should be supervised to ensure that they do not play with the appliance.

7. Using Instructions

7.1 Position the fan heater so that it stands upright on a firm surface and at a safe distance from wet environments and flammable objects.

7.2 Connect the fan heater to the mains.

7.3 Set the thermostat knob to the MAX and let the heater operate with full power.

7.4 The fan heater will switch on when the heating selector is set to one of the power settings.

7.5 Once the room reaches the required temperature, heating element will stop working and fan also stop working .Once the temperature decreased, the heating element and fan will be working.The fan heater now starts and stops automatically and thus keeps the room temperature constant.

7.6 Before switch 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.

8. Cleaning and Maintenance

8.1 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 every dirty parts, 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 inner. Don't splash water onto the heater, never use solvent like gasoline etc. to clean the heater, in order to protect the enclosure.

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

8.3 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.

9. 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, 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 power supply according to the rating on the label
	The air inlet grill is blocked	Keep the heater far way from articles like curtain, 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, or 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 voice. If there is no click and the thermostat is not damaged, the heater will automatic switch on when the appliance 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.
Abnormal noise	The appliance is not stands 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 or retailer for recycling advice.

Ningbo Baogong Electrical Appliance Co., Ltd.
Fuhai Industrial Zone, Cixi Ningbo, Zhejiang 315332 P.R. China

Contact details	refer to the name and address of the importer or authorized representative within the EEA					
Model identifier(s): BGP3003-20						
Item	Symbol	Value	Unit	Item	Unit	
Heat output				Type of heat output/room temperature control (select one)		
Nominal heat output	Pnom	2.000	kW	single stage heat output and no room temperature control	No	
M minimum heat output(indicative)	Pmin	1.000	kW	two or more manual stages, no room temperature control	No	
Maximum continuous heat output	Pmax,c	2.000	kW	with mechanic thermostat room temperature control	Yes	
Power consumption				with electronic room temperature control		No
In off mode	Po	0.00	W	electronic room temperature control plus day timer	No	
In standby mode	Psm	0.00	W	electronic room temperature control plus week timer	No	
In idle mode	Pidle	0.00	W	Other control options (multiple selections possible)		
In network standby	Pnsm	0.00	W	room temperature control, with presence detection	No	
Standby mode with display information or status				room temperature control, with open window detection	No	
Seasonal space heating energy efficiency inactive mode	ηS,on	85.0	%	distance control option	No	
				adaptive start control	No	
				working time limitation	No	
				black bulb sensor	No	
				self-learning functionality	No	
				control accuracy	No	

Contact details	refer to the name and address of the importer or authorized representative within the EEA				
Model identifier(s): BGP3003-28					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat output/room temperature control (select one)	
Nominal heat output	Pnom	2.800	kW	single stage heat output and no room temperature control	No
M minimum heat output(indicative)	Pmin	1.400	kW	two or more manual stages, no room temperature control	No
Maximum continuous heat output	Pmax,c	2.800	kW	with mechanic thermostat room temperature control	Yes
Power consumption					
In off mode	Po	0.00	W	with electronic room temperature control	No
In standby mode	Psm	0.00	W	electronic room temperature control plus day timer	No
In idle mode	Pidle	0.00	W	electronic room temperature control plus week timer	No
In network standby	Pnsm	0.00	W	Other control options (multiple selections possible)	
Standby mode with display information or status				room temperature control, with presence detection	No
Seasonal space heating energy efficiency inactive mode	ηS,on	85.0	%	room temperature control, with open window detection	No
				distance control option	No
				adaptive start control	No
				working time limitation	No
				black bulb sensor	No
				self-learning functionality	No
				control accuracy	No



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