

BGE®
Kinlux®

**User's Manual and
Operating
Instructions**

**INDUSTRIAL
FAN
HEATERS**

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.**

Model: BGP1307-150-19G BGP1307-300-19G

▲ 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 non-self-resetting thermal cut-out to control the heating elements. The thermostat feels the air temperature and controls the

surrounding temperature. Non-self-reset thermostat will switch off the heater by overheating to ensure the safety. The fan motor is not controlled by thermostat, when the thermostat cuts off the heating element the ventilator keeps working on.

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	BGP1307-150-19G	BGP1307-300-19G
Waterproof Class	IPX4	IPX4
Voltage	400V 3~	400V 3~
required power	15000W	30000W
current	21.7-22.8A	43.3-45.6A
Setting	95/5000/10000/15000 W	120/20000/30000W
resetting Thermostat	120°C	80°C
Product meast (mm)	322x600x555	433x709x614
N.W.(KG)	17.9	31

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

3.2 Supplied with industrial socket installed in the heater. Need additional coupler when use the heater.

3.3 Instructions of coupler:

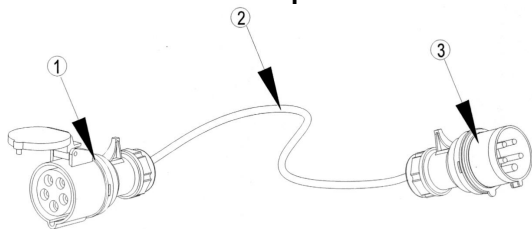


Figure 1

1. Five pins connector 380V/415V 50/60Hz

2. Power cord

3. Five pins plug 380V/415V 50/60Hz IPX4

3.3.1 The user should use the bought power coupler as showed in the figure. The coupler should match with the appliance and earthing prolong. The coupler should be VDE approved. The length of the power cord can be more than 1.8m but less than 3m, if the power cord is too long and heavy, it can cause the fall off the

coupler, electric shock risk or tripping over of child.

3.3.2 When you connect the power connector with the appliance, open the lid along with the arrowhead pointed direction, pay attention to the direction.

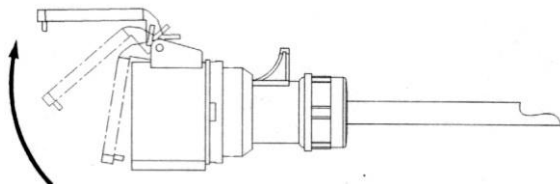


Figure2

3.4 After use shut down the appliance firstly, pull out the plug, then put off the position pin and remove the coupler.

4. Description of Control Panel

BGP1307-150-19G	BGP1307-300-19G

4.1 Left Knob: selector with heat setting

4.2 Right Knob: Thermostat dial

5. Special safety regulations

5.1 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

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

5.2.1 The fan heater is not suitable for use outdoors in damp weather, in bathrooms or in other wet or damp environments.

5.2.2 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.

5.2.3 Do not cover the fan heater.

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

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

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

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

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

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

5.2.10 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.

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

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

5.2.13 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.

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

5.2.15 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.

5.2.16 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.

5.2.17 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.

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

6.6 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.

6.7 there is an additional thermostat to control the fan motor. If the temperature inside heater is high, the thermostat will also turn on the fan heater despite that the heater is turned off. For example, after operation, when the heater is turn off, the fan motor will still operate to cool down the temperature inside.

7. Cleaning and Maintenance

7.1 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.

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, 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.
	The Non-self resetting cut-out operated (only for the device with this function)	Disconnect the power , held the stick and insert it in the reset hole on the control panel ,press down the reset button and connect the circuit
Abnormal noise	The appliance is not stands upright	Put the heater on a level surface

Model identifier(s): BGP1307-150-18G					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat input, for electric storage local space heaters only (select one)	
Nominal heat output	P _{nom}	15	kW	Manual heat charge control with integrated thermostat	[no]
Minimum heat output (indicative)	P _{min}	5	kW	Manual heat charge control with room and/or outdoor temperature feedback	[no]
Maximum continuous heat output	P _{max}	15	kW	Electronic heat charge control with room and/or outdoor temperature feedback	[no]
Auxiliary electricity consumption				Fan assisted heat output	
At nominal heat output	el _{max}	N/A	kW	Type of heat output/room temperature control (select one)	
At minimum heat output	el _{min}	N/A	kW	Single stage heat output and no room temperature control	[no]
In standby mode	el _{SB}	N/A	W	Two or more manual stages, no room temperature control	[no]
				With mechanic thermostat room temperature control	[yes]
				With electronic room temperature control	[no]
				Electronic room temperature control plus day timer	[no]
				Electronic room temperature control plus week timer	[no]
				Other control options (multiple selections possible)	
				Room temperature control, with presence detection	[no]
				Room temperature control, with open window detection	[no]
				With distance control option	[no]
				With adaptive start control	[no]
				With working time limitation	[no]
				With black bulb sensor	[no]
Contact details:					
Remark: For electric local space heaters, the measured seasonal space heating energy efficiency η_s cannot be worse than the declared value at the nominal heat output of the unit.					

Model identifier(s): BGP1307-300-18G					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat input, for electric storage local space heaters only (select one)	
Nominal heat output	Pnom	30	kW	Manual heat charge control with integrated thermostat	[no]
Minimum heat output (indicative)	Pmin	20	kW	Manual heat charge control with room and/or outdoor temperature feedback	[no]
Maximum continuous heat output	Pmax	30	kW	Electronic heat charge control with room and/or outdoor temperature feedback	[no]
Auxiliary electricity consumption				Fan assisted heat output	
At nominal heat output	elmax	N/A	kW	Type of heat output/room temperature control (select one)	
At minimum heat output	elmin	N/A	kW	Single stage heat output and no room temperature control	[no]
In standby mode	elSB	N/A	W	Two or more manual stages, no room temperature control	[no]
				With mechanic thermostat room temperature control	[yes]
				With electronic room temperature control	[no]
				Electronic room temperature control plus day timer	[no]
				Electronic room temperature control plus week timer	[no]
				Other control options (multiple selections possible)	
				Room temperature control, with presence detection	[no]
				Room temperature control, with open window detection	[no]
				With distance control option	[no]
				With adaptive start control	[no]
				With working time limitation	[no]
				With black bulb sensor	[no]
Contact details:					
Remark: For electric local space heaters, the measured seasonal space heating energy efficiency η_s cannot be worse than the declared value at the nominal heat output of the unit.					

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.

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