



POWER EQUIPMENT

OWNER'S MANUAL

FAN HEATERS

Model No.: PIN HE050-3, PIN HE100-3,
PIN HE150-3, PIN HE300-3




ASSEMBLY & OPERATION INSTRUCTIONS

V1.0 2024

WARNING

1. Read all instructions before using the fan heater.
2. The heater must not be located immediately below the socket-outlet.



3.  : Do not cover.
4. **WARNING:** in order to avoid overheating, do not cover the heater.
5. Do not use this heater in the immediate surroundings of a bath, a shower or swimming pool.
6. Do not use this heater if it has been dropped.
7. Do not use it if there are visible signs of damage to the heater.
8. Use this heater on a horizontal and stable surface.
9. **WARNING:** Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.
10. **WARNING:** To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 m from the air outlet.
11. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
12. 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.
13. Children shall not play with the appliance.
14. Cleaning and user maintenance shall not be made by children without supervision.
15. Children of less than 3 years should be kept away unless continuously supervised. 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.
16. **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.

17. Only connect the fan heater to a three-phase socket with a main voltage as specified on the rating plate.
18. Do not leave your home while the appliance is in function: ensure that the switch is in OFF (O) position. Always unplug the appliance.
19. Keep combustible material such as furniture, cushions, bedding, paper, clothes, curtains etc. At least 100cm away from the fan heater.
20. Always unplug the heater when not in use. Do not pull the cord to unplug the heater.
21. Keep the air inlet and outlet free from objects: at least 1 m in front and 50 cm behind the heater.
22. Do not let animals or children touch or play with the fan heater. Pay attention! The air outlet gets hot during operation (more than 80°, or 175 F).
23. Do not use the fan heater in the rooms with explosive gas or while using inflammable solvents, varnish or glue.
24. Keep the fan heater clean. Do not allow any objects to enter any ventilation or exhaust opening as this may cause electric shock, or fire or damage to the heater.
25. This product must not be disposed together with the domestic waste. This product has to be disposed at an authorized place for recycling electrical and electronic appliances. By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environmentally friendly and healthy way.

2. INTRODUCTION

2.1 Depending on the power cord type his fan heater may be used only in households, 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.

3. TECHNICAL SPECIFICATIONS

Model	PIN HE050-3
Waterproof Class	IP24
Voltage	400V
Required Power	5000W
Current	7.2A
Setting	80/2500W/5000W
Size of Heater (mm)	400*240*360
N.W.(KG)	6.6

Model	PIN HE100-3	PIN HE150-3	PIN HE300-3
Waterproof Class	IP24	IP24	IP24
Voltage	400V	400V	400V
Required Power	10000W	15000W	30000W
Current	14.4A	21.7A	43.3A
Setting	80/5000W 10000W	95/5000W 10000W/15000W	120/20000W 30000W
Size of Heater (mm)	440*300*430	322*600*555	435*710*615
N.W.(KG)	10.4	17.9	31

4. DESCRIPTION OF CONTROL PANEL

PIN HE050-3 / PIN HE100-3



Model	PIN HE100-3
<p>15kW DO NOT COVER</p>	<p>30 kW DO NOT COVER</p>

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	
H07RN8-F	household, warehouses and workshops 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 socket outlet.

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 somewhere 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 curtains 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 hands 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 your local government for information regarding the collection systems available. If electrical appliances 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 The fan heater will switch on when the heating selector is set to one of the power settings.

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

7. CLEANING AND MAINTENANCE

7.1 Before cleaning the appliance, disconnect it from the socket and let it cool down. The enclosure is easy 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 it 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 center.

Problem	Possible cause	Treatment
The heater does not operate, even when it is plugged in	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
Heating element does not heat	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 away from articles like curtain, plastic bag, paper and other things which can cover the inlet or can be easily cover on the air inlet
	Self-reset temperature control disconnection	Keep the machine running to reduce the internal temperature. After the self-reset temperature control is reset, the product can continue to heat.
	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.
	Manual reset thermostat off	Open the shell and gently press the manual reset temperature control reset button. After hearing the “click” sound, it indicates that the temperature control has been reset and connected.
Abnormal noise	The appliance is not stands upright	The wind blade is deformed, or the product shell is deformed after the product is dropped, resulting in resonance.



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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