210x290mm

Industrial
Fan Forced Heater

HICFM

INSTRUCTION MANUAL

INDUSTRIAL FAN FORCED HEATER

MODEL NO.: SHAG-L02F

ITEM NO.: HCR-48

Stop

Please read and understand this manual before any assembly or use of this product.

Before beginning assembly of product, make sure all parts are present.

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Technical Specifications

Model	:	SHAG-L02F
Voltage	:	240/208 VAC
Frequency	:	60 Hz
Watt	:	4800 W/3600 W

Important Instructions

PLEASE READ ALL INSTRUCTIONS BEFORE USING THIS HEATER.

NOTE: There may be a trace of smoke or odor when unit is first operated. Do not be alarmed. This indicates that a drop of oil fell on the heating coil during the manufacturing process. It will quickly evaporate and should not re-occur.

Make sure that the room in which the appliance is located is well ventilated during this operation. It is normal for the appliance to emit small cracking sounds when you turn it on for the first time. Do not be alarmed.

WHEN USING ELECTRICAL APPLIANCES, BASIC PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE RISK OF FIRE, ELECTRIC SHOCK, INJURY TO PERSONS AND HYPERTHERMIA, INCLUDING THE FOLLOWING:

1. Read all instructions before using this heater.
2. **CAUTION:** Hot surface in use. To avoid burns, do not let bare skin touch hot surfaces. If provided, use handles when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes and curtains at least 3 ft. (0.9 m) from the front and top of the heater and keep them away from the sides and rear. Ensure a minimum clearance of 5.5 inches (14 cm) from both sides and rear of heater to adjacent walls. Keep the rear grille away from walls or drapes so as not to block the air intake.
3. Extreme caution is necessary when any heater is used by or near children, or invalids and whenever the heater is left operating and unattended.
4. Always unplug heater when not in use. To disconnect, grip plug and pull from wall outlet. Never yank on cord.
5. To disconnect heater, turn controls to off, then remove plug from outlet.
6. Do not operate any heater with a damaged cord or plug or after the heater malfunctions has been dropped or damaged in any manner. Discard heater, or return to authorized service facility for examination and/or repair.
7. Do not use outdoors.
8. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate heater where it may fall into a bathtub or other water container.
9. Do not run cord under carpeting. Do not cover cord with throw rugs, runners or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over. Route the cord so that it will not be walked on, or pinched by furniture.
10. Before connecting appliance to electrical outlet, make sure voltage and amperage on the back of the heater to make sure it agrees with the electric service supplied.
11. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire or damage the heater.
12. To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
13. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.
14. This heater draws 20 Amps during operation. Be sure to use a dedicated 240 VAC, 30 A circuit for the heater.
15. It is normal for the heater's plug and cord to feel warm to the touch. A plug or cord which becomes hot to the touch indicates a loose connection between the plug and the electrical outlet. Worn outlets or receptacles should be replaced prior to further use of the heater. Plugging heater into a worn outlet/receptacle may result in overheating of the power cord or fire.

16. Ensure the heater is on a stable, secure floor surface to eliminate the potential of tipping it over.
17. Be sure that the plug is fully inserted into appropriate receptacle. Please remember that receptacles also deteriorate due to aging and continuous use; check periodically for signs of overheating or deformations evidenced by the plug. Should this occur, do not use the receptacle if deteriorated. CALL your electrician.
18. Check that neither the appliance nor the power cable has been damaged in any way during transportation.
19. Make sure that no pieces of polystyrene or other packaging material have been left between one element of the appliance and another. It may be necessary to pass over the appliance with a vacuum cleaner.
20. When switching on the appliance for the first time, you may notice a slight odor which is normal with new electrical appliances. Allow odor to dissipate by running appliance at full power for about ten minutes. Make sure that the room in which the appliance is located is well ventilated during this operation. This heater draws 20.5 Amps during operation. To prevent overloading a circuit, do not plug the heater into a circuit that already has other appliances working.
21. Do not use this appliance when the heater will be left unattended for long periods of time. (For example - in an unoccupied summer cottage).
22. Do not use attachments or filters. They are not recommended.
23. Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
24. A heater has hot and arcing or sparking parts inside. Do not use in in areas where gasoline, paint, or flammable liquids are used or stored.
25. Hyperthermia can result in death. Symptoms of hyperthermia include high body temperature, headache, nausea, vomiting, tiredness, dizziness, fainting, and rapid pulse. If you begin to experience symptoms related to hyperthermia, turn off the heater and seek medical attention.
26. To avoid excessive room temperatures which can cause hyperthermia: DO NOT leave product running unattended in a confined space around infants, or individuals with reduced physical, sensory, or mental capabilities.
27. To avoid overheating, do not cover the heater.
28. Do not place any objects on the product and do not sit or stand on the product.
29. If you're going to lend this appliance to someone, lend them these instructions as well.
30. Children should be supervised to ensure that they do not play with the appliance, its parts and packaging material.
31. Do not use this heater with a timer designed to automatically turn the unit on or off, as this may accidentally disable the heater's thermal cutout safety feature.
32. Do not attempt to disassemble or modify this product for any other purpose. Any such modification or misuse could lead to serious injury, death, or fire.
33. To reduce the risk of fire, electric shock or injury to persons, do not use replacement parts that have not been recommended by the manufacturer (e.g. parts made at home using a 3D printer).
34. All servicing, apart from ordinary cleaning, should be performed by qualified personnel only. Those who are not certified electricians should not disassemble, repair or rebuild the heater. There are no user-serviceable parts inside.

WARNING: NOT FOR HOUSEHOLD USE: THIS IS A FLOOR HEATER ONLY. RISK OF FIRE, DO NOT USE AS A RESIDENTIAL OR HOUSEHOLD HEATER.

CAUTION: 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.

PET OWNERS WARNING: The health of some small pets including birds are extremely sensitive to the fumes produced during the first-time use of many appliances. These fumes are not harmful to humans but we recommended that you do not use your heater around birds and small pets during its initial use until the manufacturing corrosion coatings burn off.

SAVE THESE INSTRUCTIONS

Parts of the Heater

1. Carry handle
2. Housing
3. Safety grille
4. Heating element
5. Thermostat control
6. Plug (NEMA #6-30P)

Grounding and Operating Instructions

IMPORTANT: THIS HEATER IS FOR USE ON THE FLOOR ONLY.

Prior to operating the heater, ensure the electrical receptacle is of the configuration and capacity appropriate for the heater. See receptacle configuration in OPERATING INSTRUCTIONS. This heater is for use on 240 volts. The cord has a plug as shown in #6. No adapter is available for this blade configuration, and none should be used. The type of receptacle is a 240 volt grounding receptacle (NEMA 6-30R). When properly installed, it provides a ground connection through the cord to the heater to protect the operator from electric shock.

Receptacle: NEMA #6-30R 250V 30 Amps

Plug: NEMA #6-30P 250V 30 Amps

Your heater is equipped with a thermostat:

1. Turn the unit on by turning the thermostat dial away from the OFF position (●).
2. Once the room reaches the desired temperature, slowly turn the Thermostat Control knob counter clockwise until you hear a "click". This sets the heater to cycle ON/OFF to maintain the desired heating temperature for energy efficiency.
3. To completely shut unit OFF, turn the thermostat dial to the OFF position (●) and unplug the heater.

CAUTION: MAKE CERTAIN THE APPLIANCE IS IN THE OFF POSITION BEFORE PLUGGING THE HEATER INTO THE POWER OUTLET. THE PLUG MUST FIT TIGHTLY INTO OUTLET. FRONT GRILL IS HOT WHEN UNIT IS IN OPERATION. DO NOT TOUCH.

Cleaning and Maintenance

Before any cleaning, make sure that:

1. The heater is turned OFF.
2. Disconnect power supply at source by removing plug from power outlet.
3. The heater is cool completely.

Regular Cleaning:

1. Do not use cleaning liquid or other chemicals to spray on the unit.
2. Interior dust can often be removed by using a vacuum cleaner with a crevice tool attachment.
3. To clean enclosure, use a clean, soft and lightly damp cloth to gently wipe off the dirt from the surface of the unit. Be sure not to wet the heating element and the switches. Allow the unit to dry completely before using it.

CAUTION: DO NOT ALLOW WATER TO RUN INTO THE INTERIOR OF THE HEATER AS THIS COULD CREATE A FIRE OR ELECTRIC SHOCK HAZARD, DAMAGING THE UNIT.

Storage

1. Perform the cleaning procedures described in "Cleaning/Maintenance".
2. Wipe all parts to dry.
3. Put back the unit and the instruction manual to the original carton and store in a dry and ventilated place.

Troubleshooting

If your heater fails to operate, please follow these procedures:

Problem	Probable Cause	Solution
Unit is not heating.	Overheat protection has temporarily deactivated the heater.	Turn the heater OFF; unplug it and ALLOW IT TO COOL. Inspect and remove any objects on or blocking the heater. Wait for 30 minutes before plugging unit back in.
	Room temperature has been warmed up to thermostat setting.	To increase the room temperature, adjust thermostat control knob to a higher setting by turning clockwise.
	Heater is not plugged into a 240V grounding outlet/receptacle.	Ensure unit is in OFF position (●); Plug in unit and attempt to turn on again.
	Breaker/Fuse has been tripped.	• Check your electrical box to confirm the breaker has not been blown. This may occur if the receptacle is shared between other high consumption appliances. • Ensure unit is in the OFF position (●). Plug in unit and attempt to turn on again.
The heater is creating a burning smell.	A drop of oil fell on the heating coil during the manufacturing process. It will quickly evaporate and should not occur again.	Ensure room in which heater is situated is well ventilated.
	Check & ensure there are no combustible materials within 0.9 meters (3 feet) surrounding the heater.	Remove any combustible items from the heater.
	Ensure a minimum clearance of 5.5 inches (14 cm) from both sides and rear of heater to adjacent walls.	Reposition the heater so there is enough space around the heater to the adjacent walls.

PLEASE DO NOT ATTEMPT TO OPEN OR REPAIR THE HEATER YOURSELF. DOING SO COULD CAUSE DAMAGE OR PERSONAL INJURY.