



**CERAMIC BARREL HEATER
OWNER'S MANUAL
MODEL: FH16P-BM
SKU# EA650**



**PLEASE READ AND SAVE THESE
IMPORTANT SAFETY INSTRUCTIONS**

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 (anti-corrosion) coatings burn off.

info@matrixindustrialproducts.com

IMPORTANT INSTRUCTIONS

**PLEASE READ ALL INSTRUCTIONS BEFORE USING THIS HEATER
WHEN USING ELECTRICAL APPLIANCES, BASIC PRECAUTIONS SHOULD ALWAYS BE
FOLLOWED TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK AND PERSONAL INJURY,
AND HYPERTHERMIA, INCLUDING THE FOLLOWING:**

When switching on the appliance for the first time, allow it to run at full power for about two hours to get rid of the unpleasant smell. 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 if the first time.

1. Read all instructions before using this heater.
2. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Use handle when moving the unit. Keep flammable materials such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 m) from the front and top of the heater and keep them away from the sides and rear of the heater. Keep the rear grille away from walls or drapes so as not to block the air intake.
3. Extreme caution and supervision is necessary when any heater is used near children or persons with mobility or physical disabilities and whenever the heater is left operating and unattended.
4. Always unplug heater when not in use.
5. Do not use any heater with a damaged cord or plug or after the heater malfunctions or has been dropped or damaged in any manner. Discard heater or return to an authorized service facility for examination and/or repair.
6. Do not use outdoors.
7. This heater is not intended for use in bathrooms, laundry areas or other similar indoor locations. Never locate heater where it may fall into a bathtub or other water container.
8. 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 areas and place it where it will not be tripped over.
9. To disconnect heater, turn controls to off, then remove plug from outlet.
10. This appliance has a polarized plug (one blade is wider than the other). This plug is intended to fit a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, consult a qualified electrician. Do not connect the heater to extension cords, surge protectors, timers, direct breakers, or an outlet with other appliances connected to the same outlet. Risk of fire, overheat, malfunction, property damage, injury, or even death may result if not adhered to!
11. Connect to properly polarized outlets only.
12. Do not insert or allow foreign objects to enter ventilation or exhaust openings, as this may cause an electric shock or fire, or damage the heater.
13. 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.

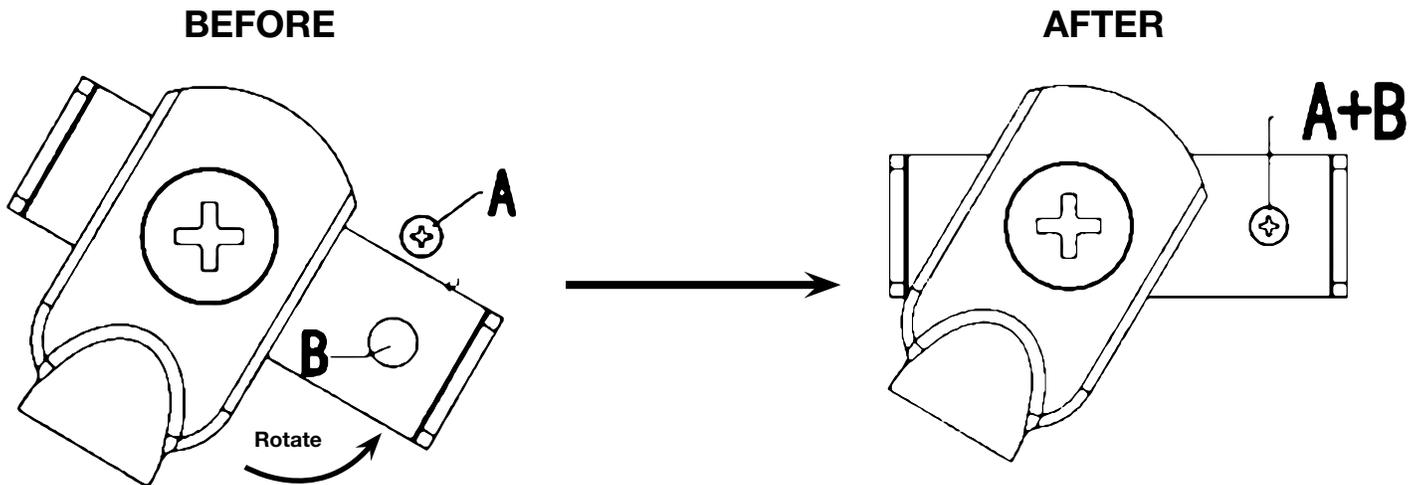
14. The heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
15. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, injury to persons or other damage to property.
16. This heater must be plugged into a 120V, 15-amp (or more) circuit of its own. Nothing else can be plugged into the same circuit. If unsure if your home meets this specification, consult a certified electrician prior to use. Risk of fire, overheat, malfunction, property damage, injury, or even death may result if not adhered to!
17. To prevent overload and blown fuses, be sure that no other appliance is plugged into the same outlet or into another outlet wired into the same circuit.
18. It is normal for the heater's plug and cord to feel warm to the touch. A plug or cord that becomes hot to the touch or becomes distorted in shape may be a result of a worn 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.
19. Ensure the heater is on a stable, secure surface to eliminate the potential of tipping over.
20. Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
21. 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. Do not use the receptacle and CALL your electrician.
22. Check that neither the appliance nor the power cable has been damaged in any way during transportation.
23. Make sure that no pieces of polystyrene or other packaging material have been left between elements of the appliance. It may be necessary to pass over the appliance with a vacuum cleaner.
24. 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. Children should be supervised to ensure that they do not play with the appliance.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

SAVE THESE INSTRUCTIONS

ASSEMBLY INSTRUCTIONS

Simple assembly is required before you use this heater.



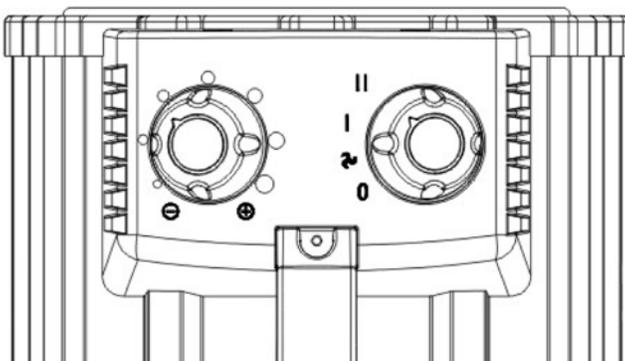
1. Remove screw (A) on both sides of heater using a Philips screwdriver.
2. Rotate base cradle to align hole (B) with new open hole from screw (A).
3. Replace screw (A) through screw hole (B) on both sides of the heater.
4. Heater is now ready for use.

OPERATIONS INSTRUCTIONS

Be sure to plug into a 120V AC, 60Hz outlet. Check that the plug and the socket fit well, then you can operate the appliance.

This model is equipped with power control dial and thermostat control dial.

Fig.1 Control Panel



Symbol	Function
0	Power off
⚡	Fan only
I	Low heat (1000 W)
II	High heat (1500 W)

Rotate the thermostat control dial clockwise fully.

Set the power control dial to II for fast warm-up of a room . Select I to prevent the room from becoming too warm. Turn the power control dial to ⚡ for fan operation only.

TEMPERATURE SETTING (THERMOSTAT):

Adjust the thermostat control dial clockwise to maximum (+) and select the desired power setting. Once the room is comfortable, rotate the thermostat counter clockwise to (-), until the heater shuts off. The thermostat will now maintain the temperature by cycling the heater on or off. During particularly cold weather, the low power setting may be insufficient to satisfy the thermostat. You may select a higher setting for these periods.

PROTECTION SYSTEMS

OVERHEAT PROTECTION

This heater includes an overheat protection system that shuts the unit off when parts of the heater overheat. If this occurs, turn the heater off, unplug it, and inspect and remove any objects on or adjacent to the heater that may cause high temperatures. Wait 10 to 20 minutes for the unit to cool down then plug it back in and resume the normal operation.

POWER INDICATOR LIGHT

This heater is equipped with a power indicator light, which lights up whenever the heater is plugged in and turned on. It will continue to light up even if the thermostat has cycled the heating elements off. This safety feature is to prevent you from being unaware that the heater is in operation.

CLEANING AND MAINTENANCE

1. Before any cleaning, make sure that:
 - a. The heater is turned OFF
 - b. Disconnect power supply at source by removing plug from power outlet.
2. Regular cleaning:
 - a. Interior dust can often be removed by using a vacuum cleaner with a crevice tool attachment.
 - b. Do not use cleaning spray-on liquids or other chemicals on the unit
 - c. 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.

STORAGE

1. Perform the cleaning procedures described in “CLEANING AND MAINTENANCE” section.
2. Wipe all parts to dry.
3. Pack the heater in a plastic bag and store it in a cool, dry place.

TROUBLESHOOTING

If your heater fails to operate, please follow these procedures prior to contacting Customer Service.

Problem	Probable Cause	Solution
Heater will not power on.	Heater is not plugged into a 120V polarized outlet/receptacle.	Ensure unit is in OFF position. Plug in unit and attempt to turn on again.
	Breaker/Fuse has been tripped.	Please check your electrical box to confirm the breaker has not been blown. This may occur if the unit is sharing a receptacle with another high-power consuming appliance. Ensure unit is in OFF position. Plug in unit and attempt to turn on again. Attempt to plug unit into another independent output in the house.
The power indicator light is illuminated, but no heat disperses from the unit.	Room temperature has been warmed up to thermostat setting.	To resume heating, adjust thermostat temperature to a higher setting. Refer to THERMOSTAT section on page 5 for more information.
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 and ensure there are no combustible materials within 3 feet (0.9 m) of the heater.	Remove the combustible materials preventing air intake into the heater.

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