



OPERATION MANUAL
AND
WARRANTY



ELECTRONIC ZONE HEATING SYSTEMS

Model No: USA1500

Made in U.S.A.

SAFE - SOFT - COMFORTABLE

PLEASE READ THIS MANUAL

WARRANTY CARD

SUNHEAT International

3724 Arch Ave.
Grand Island, NE 68803

1-877-467-8643

TO REGISTER WARRANTY ONLINE OR FOR DEALER INQUIRIES GO TO

WWW.SUNHEAT.COM

OR

CLIP AND RETURN THE WARRANTY CARD BELOW.

SUNHEAT Warranty Registration

Please return this card within 30 days of purchase to activate your warranty.

THANK YOU

NAME: _____ PHONE: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

EMAIL ADDRESS: _____

DEALER PURCHASED FROM: _____

DEALER'S ADDRESS: _____

MODEL #: _____ SERIAL #: _____

DATE PURCHASED: Month _____ Day _____ Year _____

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IMPORTANT INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE HEATER.



WARNING



**IMPROPER USE COULD RESULT IN RISK OF
ELECTRIC SHOCK, FIRE AND INJURY TO PEOPLE.**

- (1) The grill of the heater is hot when 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 feet (0.9m) from the front of the heater and keep them away from the sides and the rear.
- (2) Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- (3) Always unplug heater when not in use.
- (4) Do not operate any heater with a damaged cord, plug or after the heater malfunctions, has been dropped or damaged in any manner. Return heater to authorized service facility for examination, electrical or mechanical adjustment, or repair.
- (5) Do not use the heater outdoors or for heating construction sites.
- (6) The heater is not intended for use in bathrooms, laundry areas and similar indoor locations, areas with standing water, a shower or swimming pool. Never locate heater where it may fall into a bathtub or other water container.
- (7) Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- (8) To disconnect heater, turn controls to off, when the fan shuts off remove plug from outlet.
- (9) Do not plug heater into any other cord connecting device such as a power strip, surge protector, multiple outlet adapter, grounding adapter or outlet-type air fresheners. Plug into a 3-prong 120v 15 amp or higher grounded circuit receptacle only.
- (10) 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.
- (11) 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
- (12) Do not block the front or rear of the heater.
- (13) Do not place anything directly in front of the heater.

LIMITED FIVE YEAR WARRANTY



WARRANTY: The Company warrants this product to the original purchaser or gift recipient, to be free from defects in workmanship and material under normal use and service, for a period of five years from the date of purchase.

LIMITATIONS: ALL WARRANTIES IMPLIED BY LAW, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY LIMITED TO THE DURATION OF THE LIMITED WARRANTIES SET FORTH ABOVE. IN NO EVENT SHALL THE COMPANY BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOSS OF PROFIT OR MEDICAL EXPENSES CAUSED BY ANY DEFECT, FAILURE, MISUSE OR MALFUNCTION OF THIS PRODUCT.

Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so these limitations or exclusions may not apply to you. The Company will not be responsible for damages or losses, direct or indirect, caused by misuse, abuse, accident, negligence, product alteration, connecting to an improper electrical supply, acts of God, conditions of transportation or storage, or failure to follow instructions. The Company will not be responsible for any statements that are made or published, written or oral, that are inconsistent with this written warranty, or which are misleading or inconsistent with the facts as published in the literature or specifications by the company.

WARRANTY CLAIM PROCEDURE: Any product that proves to be defective within the warranty period must be delivered to the nearest SUNHEAT Warranty Service Center or to the address below. All transportation charges are the responsibility of the consumer. A copy of the original receipt must accompany all warranty claims.

SUNHEAT International

3724 Arch Ave. Grand Island, NE 68803

www.sunheat.com

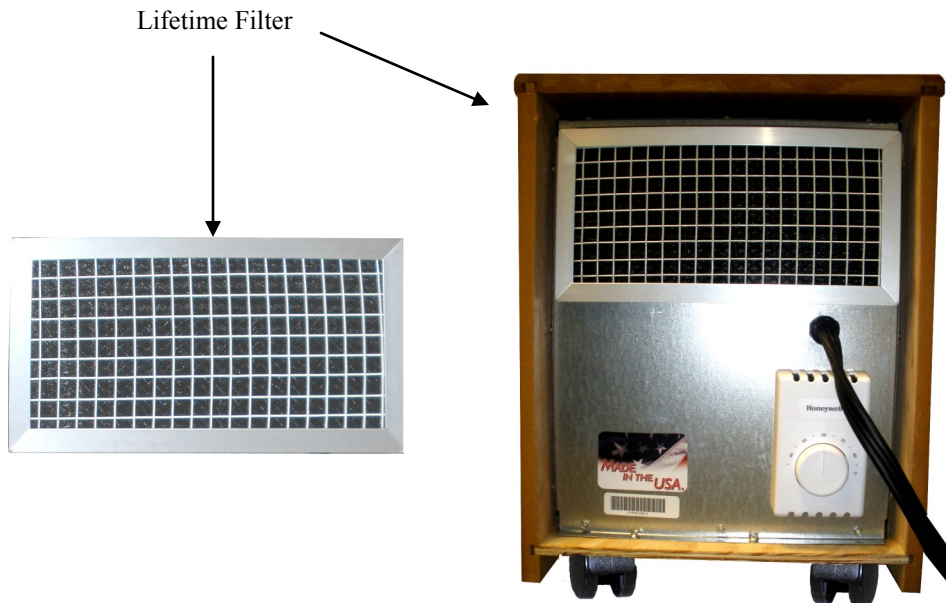
1-877-467-8643

AIR FILTER MAINTENANCE

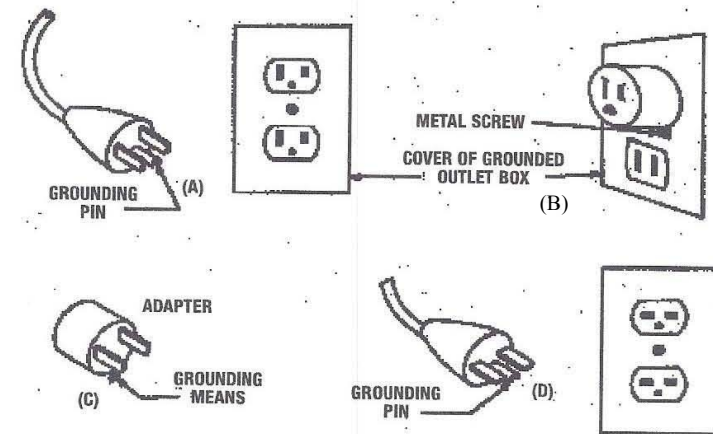
The Original SUNHEAT Heating System is equipped with a lifetime washable air filter which is easy to clean. The manufacturer recommends the filter be cleaned a minimum of once per month. If you have pets or the heater is operated in a rural area you may need to clean the filter more often.

To clean the air filter, follow these steps:

1. Remove the air filter from the rear of the unit by tilting out.
2. Run warm tap water over the filter, the opposite direction of air flow, until sufficiently clear of dirt and dust. A small amount of mild detergent may be used.
3. Shake the filter until excess water is removed. Allow to air dry.
Do not use forced air to dry the filter.
4. Once dry, replace the filter on the rear of the unit.



- (14) Do not force the filter to dry using alternative methods when performing filter maintenance, doing so could damage the filter.
- (15) Do not use it in areas where gasoline, paint, or flammable liquids are used or stored. A heater has hot or arcing or sparking parts inside.
- (16) Do not plug the heater into a loose fitting or broken receptacle.
- (17) Do not alter the heater's design or you will void the warranty.
- (18) The heater must be located immediately below a socket outlet.
- (19) Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire. However, if you have to use an extension cord, the cord should be No. 14 AWG.
- (20) The heater is for use on 120 volt outlets. The cord has a plug as shown at (A) in Figure below. An adapter as shown at (C) is available for connecting three-blade grounding type plugs to two-slot receptacles. (B) The green grounding wire extending from the adapter must be connected to a permanent ground such as properly grounded outlet box. The adapter should not be used if a three-slot grounded receptacle is available. Figure (D) European type plug.



WARNING Unauthorized repair work by anyone other than the manufacturer or the authorized SUNHEAT dealer or team member you purchased from is not recommended. Please contact the company you purchased from or call SUNHEAT at 1-877-467-8643 if you have questions regarding your heater not working properly.

SAVE THESE INSTRUCTIONS

WELCOME

Congratulations! You have made a wise choice for quality heat. The Original SUNHEAT is the safest and most effective infrared zone heater available. The Original SUNHEAT will provide safe, soft, comfortable heat for many years to come. The Infrared Quartz Heating Tubes produce no fumes or deadly monoxides. The ambient room air processed through The Original SUNHEAT passes through a lifetime washable filter – it is truly clean healthy heat!

The Original SUNHEAT does not dry out or remove the oxygen from the air. Instead it uses the moisture in the air to transfer soft infrared warmth to you and everything in the room. The entire zone is evenly filled, from floor to ceiling and wall to wall, with comfortable even heat.

OPERATION

- Plug the power cord into any unused grounded 120 volt 15 amp or higher circuit receptacle.
- Turn the thermostat on the back to its highest setting.
- Then flip the power switch (O/I) on the front of the unit up to the “I” or ON position. The switch should turn red.
- In less than a minute the infrared heat tubes will start to warm up.
- Soon the fan will kick on and begin delivering safe, soft, comfortable heat out of the front grill.
- Once the zone you are heating reaches a comfortable temperature, slowly turn the thermostat back until you hear a click. This will set your comfort level.
- The thermostat will maintain this desired comfort setting by cycling ON and OFF as needed.
- If you do not need the SUNHEAT to run, turn the (O/I) power switch down to the “O” or OFF position.
- The fan will continue to run until the heater cools down and the “Free Heat” has been exhausted from the heater.
- The SUNHEAT is equipped with an internal high limit switch that cuts off power to the infrared heat tubes if air to the unit is blocked. To restore power to the heat tubes, turn the thermostat down, flip the power switch to the OFF or “O” position, remove power cord from wall outlet and allow approximately 30 seconds before plugging power cord back into the wall outlet.

For safety and to prevent the high limit switch from cutting power to the heat tubes, keep the area around the heater clear of clutter and obstacles to insure free airflow into and out from the heater.

FREE HEAT

Your SUNHEAT infrared zone heating system is a truly effective way to supplementally heat areas of your home. The industrial grade infrared tubes transfer their heat waves to the cured copper canisters within the unit. Because of this process, it may take a couple of minutes for it to become necessary for the fan to kick on and begin to provide safe, soft, comfortable warmth. The infrared heat stored in the copper is transferred to people and objects in the room in a remarkably even manner. This transitive heating system also provides 7 to 10 minutes of “Free Heat” once the tubes shut off. This is why the fan continues to run after the unit is turned off.

PLACEMENT SUGGESTIONS

To assure maximum performance of your Original SUNHEAT Electronic Infrared Portable Zone Heater, please note the following recommendations.

- 1) Place the SUNHEAT near the center of the home next to a warmer inside wall with the heat being blown toward the colder outside walls of the home. This will allow the thermostat to more accurately moderate the temperature.
- 2) For best results, do not locate the SUNHEAT Heater in an area with a high rate of air flow.
- 3) For maximum efficiency, a 40% (minimum) relative humidity should be maintained in the heated environment.
- 4) The SUNHEAT Quartz Infrared Portable Heater is designed to operate at maximum efficiency up to the 70-72°F range. Due to this unique heat concept, a temperature of 68°F feels as though it were 72°F. Similar to a summer heat index, the moisture in the air holds the heat and transfers it evenly throughout the entire area.
5. For efficiency, the Original SUNHEAT is not recommended for use in areas with exposed, non-insulated, concrete, or metal walls. You can use the SUNHEAT in any room, whether insulated or not. However, a non-insulated room will allow for greater heat loss that will impact the effectiveness of the heater.