GREENTECH HEAT SOLUTIONS

Operating Instructions ePro Heater

Electric Heater 120v



WARNING!

WARRANTY VOIDED IF INSTRUCTIONS NOT FOLLOWED.

- 1. Turn on the RED POWER switch.
- 2. Turn on the THERMOSTAT switch.
- 3. Turn on the FAN switch.
- 4. Press the HEATER TOGGLE switch once.
 - (1 time turns on, 2 times turns off)
- To re-start the heater, repeat steps 1-4.

ePro electric heater



- 21,500 BTU
- 3,500 CFM built-in
- 120 volt
- 6 heat coil elements
- 7 amps each element
- Digital thermostat control



Bed Bug Heating Guidelines For use with ePro electric heater

Note: We recommend viewing our ePro and other videos at Greentechheat.com and click on the "videos" tab. The ePro hotel room video takes you through a single bedroom hotel bed bug set up and the operation of the ePro electric heater.

Determine which electric outlets will be used to provide electricity for the heater. Each plug on the heater uses 7 amps of electricity. Bathroom electrical outlets, GFCI counter level outlet in the kitchen, microwave and refrigerator outlets are good sources for electricity. A 15 amp or 20 amp electrical outlet will run two of the heating elements. The fan uses 3.4 amps of electricity.

Plug the electrical extension cords and the fan cord into the electrical outlets you have chosen. The heater can function with only four heating elements, if you do not have enough electrical power to run all six heating elements or using the GreenTech Power Station. Receptacle plugs A and D on the heater must be plugged in for operation. Press the red colored power switch on the heater. Press the thermostat button. Start the heater fan by pressing the black fan switch. Press the black heater rocker switch. The switch will not stay down, but will spring back up to its original position. This is what it should do. This will power the heating elements. **Put your hand in front of the heater to feel slightly warmer air. It will take an hour or more to gradually get hotter. Heating elements will not turn bright red even though they are functioning.**

While heating, prevent the heated air from escaping the room you are treating. Cover with tape or plastic HVAC vents, bathroom exhaust fans and wall air-conditioners. Make sure your tape seal is secure and fastened to the wall. **Two inch wide blue painter's tape is recommended and will not leave a sticky residue.**

Cover window panes with towels or some insulating material to minimize the loss of energy in freezing climates. If there is a gap between the bottom of the door and the floor/carpet, use towels to block the air from escaping or tape it off.

Remove items that you would not leave in your car on a hot summer day like plants, candles, lighters, fresh fruits, vegetables, candies, prescription medicine, pets including fish. Keep your refrigerator running, even if it is in the treatment area. You may place these items in the refrigerator as an option instead of removal.

Unplug all electrical items in the treatment area (like computers) and do not place electronic items directly in front of the heater. Electronic items are usually rated for higher temperatures than you will produce with your heater. It is best to direct the heated air at the bed and box springs and headboards where bed bugs typically dwell. Electronic devices like TV's and computers may provide habitations for bed bugs or other insects and should remain in the treatment area, but turned off.

Clothes lying on the floor or boxes in closets will act as an insulator. It will be difficult to heat under them sufficiently unless they are moved periodically during the treatment. Leave clothes and bedding in the treatment area and place the clothes in mesh bags or open weave plastic baskets. As an alternative, clothes can be placed in the clothes dryer for one hour or more on high heat to kill bed bugs and their eggs. It is best to hang blankets and bed spreads from the corners of doors inside the heated area. This will reduce treatment time. You may want to slightly open all drawers and separate items so hot air can circulate more easily.

Always check for fire sprinklers inside the area to be treated. Fire sprinkler heads are typically set for 155F. Use GreenTech Heat patented Sprinklers covers with magnetic attachment to cover during treatment. Alternatively, cover the heads with an insulated half gallon container with a little ice and supported by extension poles to keep them cool. This is done at your own risk. Vinyl blinds inside the area to be heated may begin to sag if not removed during your treatment

Position furniture slightly away from the walls to allow a better air flow around the room. Make sure the fan in the heater and the additional GreenTech fan work together by moving the air around the room in a circular motion. DO NOT HAVE THE FANS BLOWING INTO EACH OTHER. Any furniture sitting directly on the floor needs to be slightly raised or moved during the treatment to eliminate areas that have not reached lethal temperatures. See Diagram.

If possible, create a space between the mattress and box spring. Use open crates, like milk crates so the treatment air is not blocked. This will allow better air flow and heat transfer to this area.

You can change the position of the heater and fan by placing the heater where the fan is in the diagram and placing the fan where the heater is. It is recommended for the last hour or so of the treatment to make sure you have flow into the bathroom and closet. Leave the bathroom door closed during the first 5 plus hours of treatment or when surface temperatures of 130F to 160F have been achieved. Then open the bathroom door and direct the heated air into the bathroom using the fan or heater for the remaining treatment time.

Air Flow Diagram



GreenTech Heat Solutions USA