

# The ZappBug Room™

## Owner's Manual



**IMPORTANT NOTICE:  
Read Warnings Before Use!**

**SAFE PROVEN EXTERMINATION**

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## Important Safety Information

You must comply with all safety information when using this product. Please read all Warnings outlined in this section. Failure to comply could result in fire, injury, or damage to property!

**Warnings** describe serious consequences resulting from misuse of this product.

# Warning

- Failure to comply with the Warnings presented by this manual may result in severe injury and/or damage to property.
- Incorrect assembly or improper use may result in hazardous conditions. Only assemble according to instructions in this manual.
- Do not block air intake or exhaust vents on heater. Obstructions of the intake or exhaust vents can cause the heater to overheat.
- Do not use outdoors or in a wet environment. This product is designed for use indoors only.
- Do not block exhaust vents. This can cause damage to the heaters.
- Do not place flammable objects or aerosols inside the ZappBug Room™.
- Some items may be damaged during heat treatment. Use Caution when heat treating fragile items such as antique books, items made of wood, and other belongings.
- Consult the manufacturer of items in question (such as electronics) for a maximum safe temperature before placing them in the ZappBug Room. Always monitor temperature to ensure that temperature never exceeds safe level.

# Hints & Tips

## BED BUGS

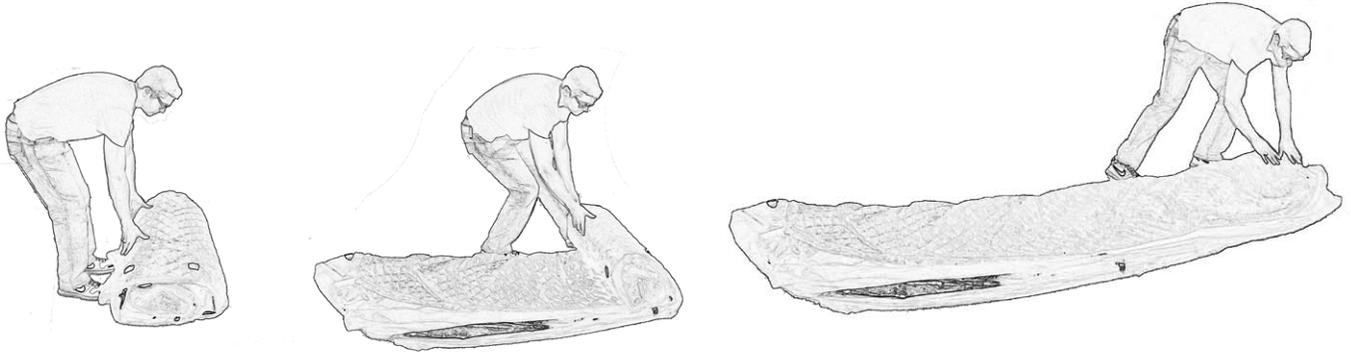
- Researchers have found that bed bugs at **all life stages** die quickly at temperatures at or above **120°F**.
- Bed bug eggs are nearly translucent and incredibly difficult to detect. A best practice is to **heat treat all items** that may have been in the vicinity of bed bugs even if no bed bugs are found. For pictures of bed bugs and bed bug eggs, please visit [zappbug.com/bed-bug-pictures](http://zappbug.com/bed-bug-pictures)
- Bed bugs can survive for up to **18 months without feeding**. It is critical that all potentially infested items are heat treated or, alternatively, sealed and stored for 18 months.
- Bed bugs can **flatten their bodies** and slip into tiny cracks.
- Bed bugs are unable to climb smooth, nonporous surfaces like those lining the ZappBug Room™.
- Bed Bugs suffer from thermal shock and are immediately unable to move at temperatures **above 150°F**.
- For more information please visit [www.zappbug.com/get-rid-of-bed-bugs](http://www.zappbug.com/get-rid-of-bed-bugs)

## THE ZAPPBUG ROOM™

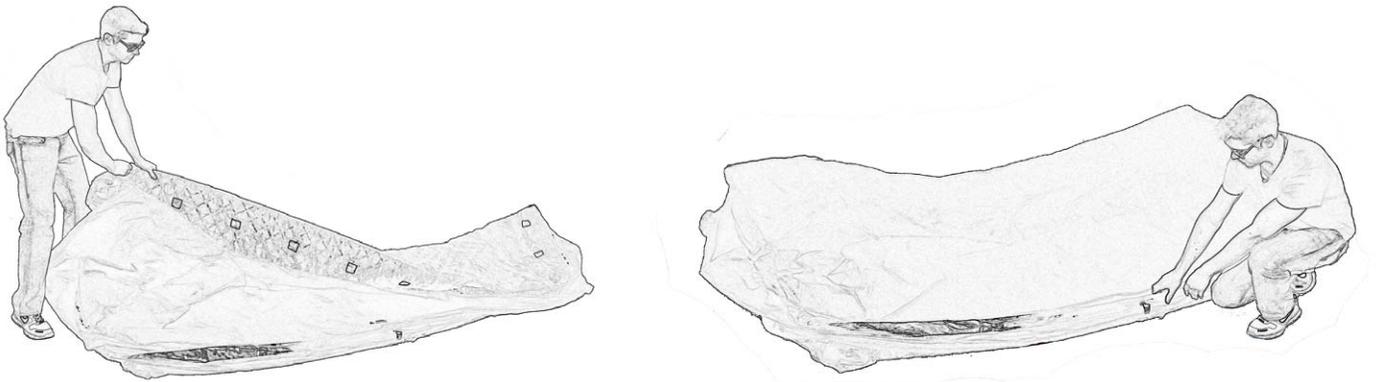
- Think about heat treating your belongings in the same way that you think of **drying clothes in the sun**. If your belongings are densely packed together, it will take significantly more time for them to reach bed bug killing temperatures. Always use provided ventilation blocks and/or net to ensure maximum air circulation around your belongings.
- Bed bugs suffer from **thermal shock** and cannot escape through the heater duct while the heater is on. Make sure to turn the heater on **before placing potentially infested items inside the ZappBug Room™**.
- Only use indoors with an ambient room **temperature above 70°F**. The heater works by adding heat to the air from the room in which it is located. If the ambient temperature is below 70°F, the ZappBug Room™ may not reach bed bug killing temperatures.
- Always **monitor temperature** inside the ZappBug Room™ with a thermometer. (Wireless thermometer and 3 probes included.)
- Do not place the ZappBug Room™ directly on cold floors such as concrete. **Always place the ZappBug Room on surfaces at room temperature (above 70°F)**.

# Use & Operation

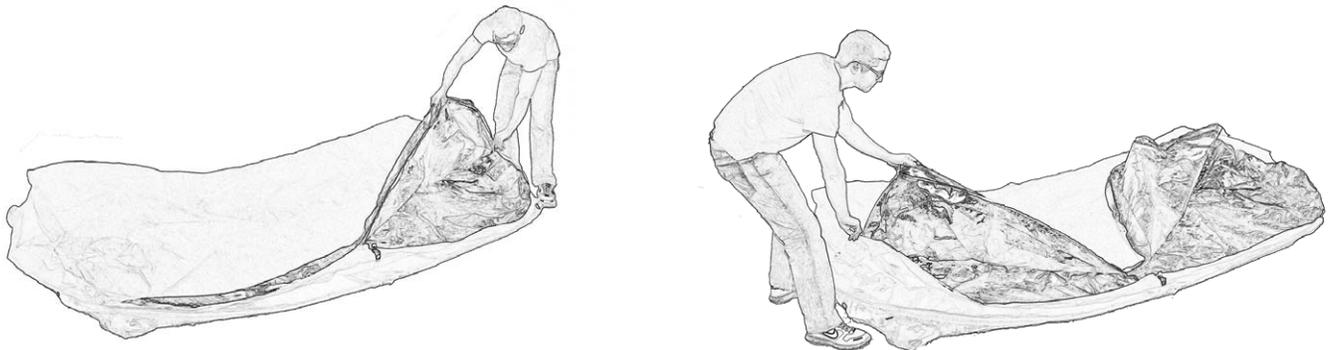
## 1. Unroll The Room



## 2. Unfold The Room with Black Side Up

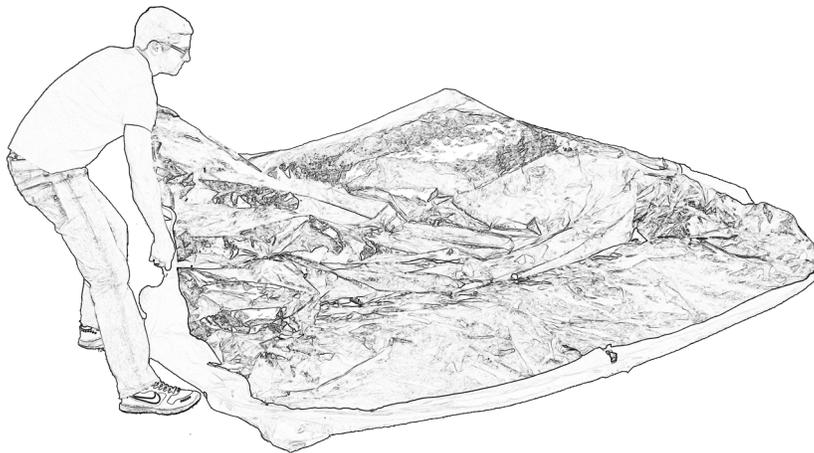


## 3. Unzip All 5 Zipper Pulls



# Use & Operation (continued)

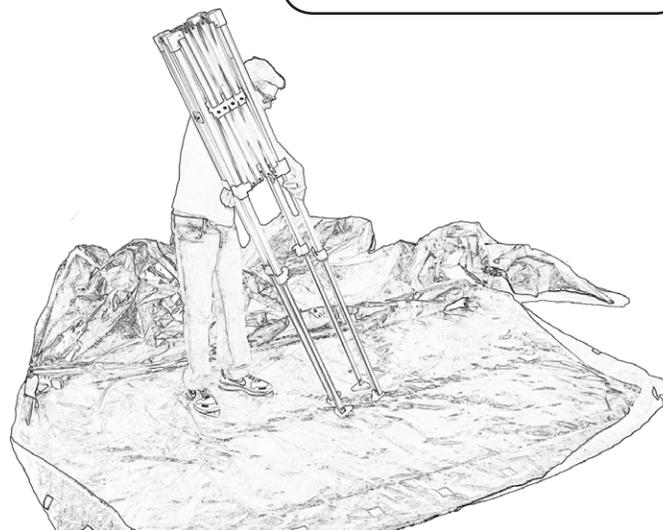
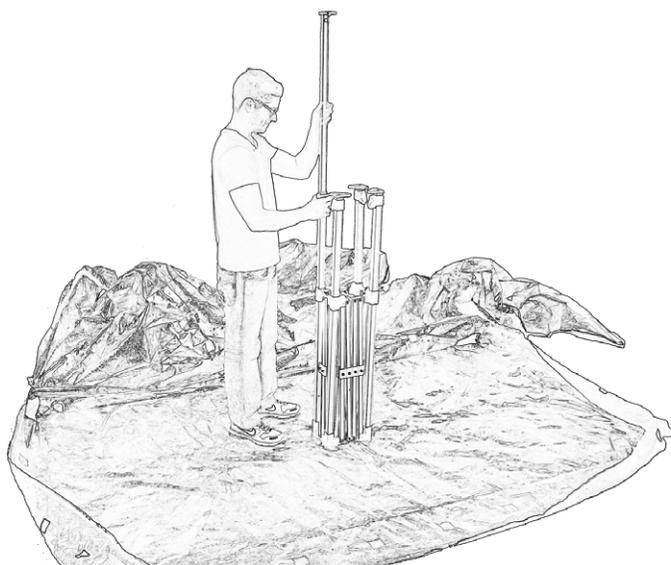
## 4. Unfold All Sides & Expose Base



**Note:** Extend legs until locking brackets click into position.

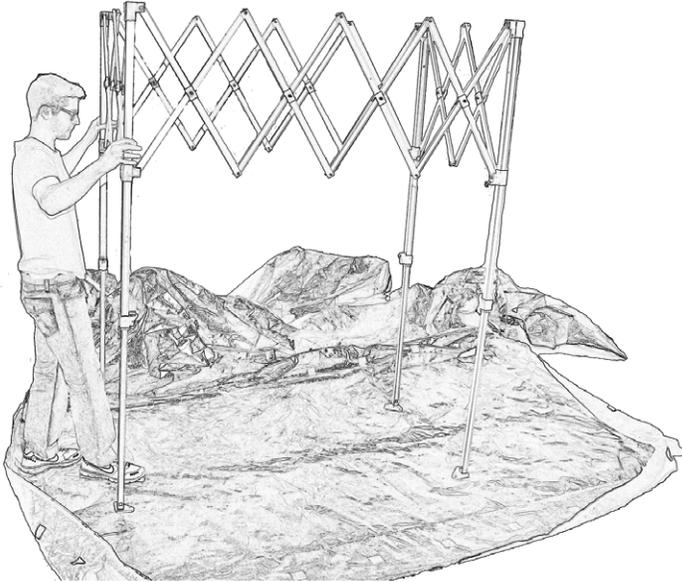


## 5. Extend Room Frame Legs

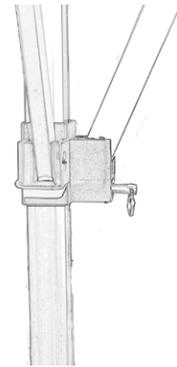


# Use & Operation (continued)

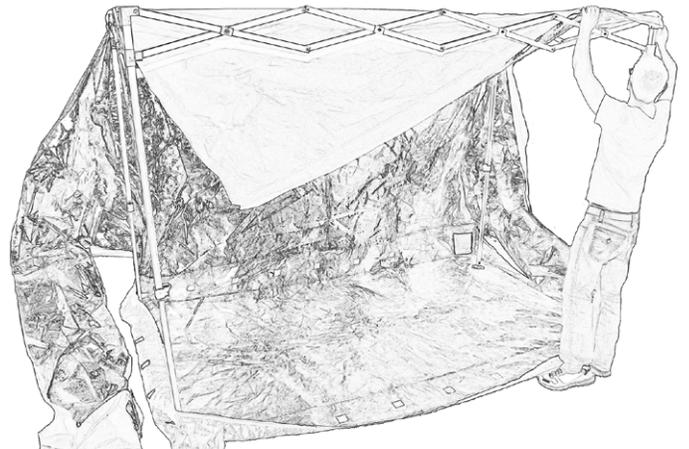
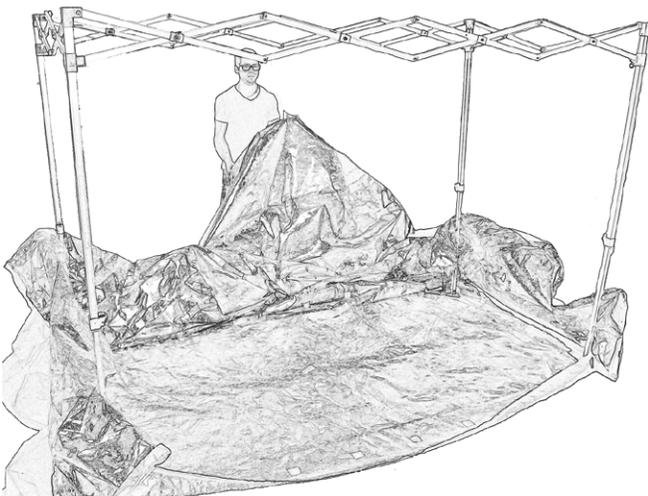
## 6. Expand Room Frame



**Note:** Expand frame until locking pins click into fixed position on all four legs.

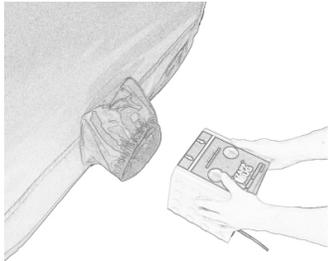


## 7. Assemble Room on Room Frame

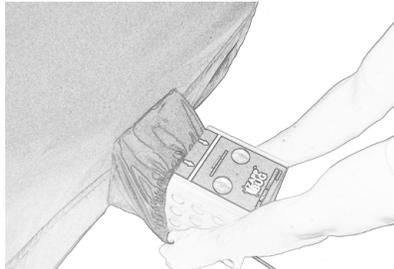


# Use & Operation (continued)

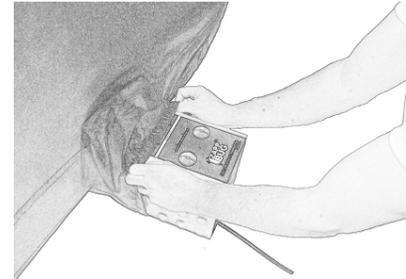
## 8. Connect All Four Heaters



**Locate Ventilation Tube**



**Place Base of Heater In Tube**

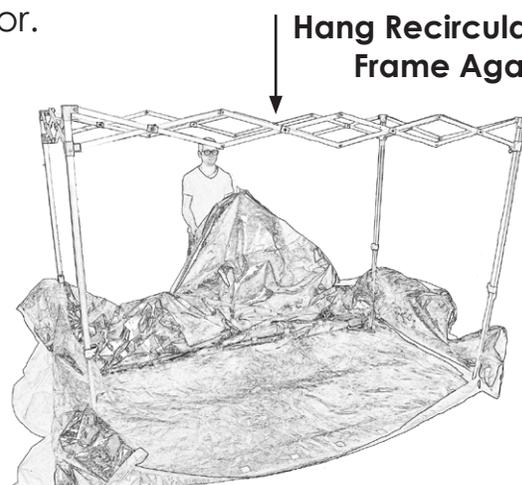


**Stretch Tube Around Heater**  
(Observe "Do Not Cover" markings)

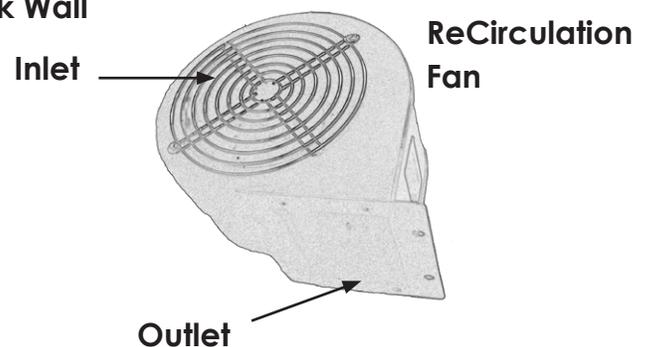
**Note:** It is normal for small gaps to appear between the textured side of the Heater and the Ventilation Tube. Bed bugs will not escape through these gaps if the Heater is on. Bed bugs experience thermal shock and are not capable of moving toward the Heater. Always ensure that Heater is on when placing potentially infested items inside the ZappBug Room™.

## 9. Connect ReCirculation Fan To Room Frame

The included recirculation mounts to the Room Frame. Position the recirculation fan in the middle of the frame against the back wall as shown below. It is normal for the recirculation fan to tilt slightly to one side. Slide the recirculation fan power cord through the small opening on the middle top of the back wall. The recirculation fan may be plugged into the same electrical circuit or outlet as one of the four heaters. Fan inlet should face into the Room and Outlet should be directed at the floor.



**Hang Recirculation Fan on Room  
Frame Against Back Wall**



# Use & Operation (continued)

## 10. Insert Items & Thermometer Probes

The ZappBug Room is a highly versatile heat treatment chamber. Place the items you are heat treating into the room. Use the included foam blocks to raise furniture above the floor of the Room for circulation. Fluff all items where possible and avoid stacking items in piles. Keep all contents 4 inches (12cm) from walls.

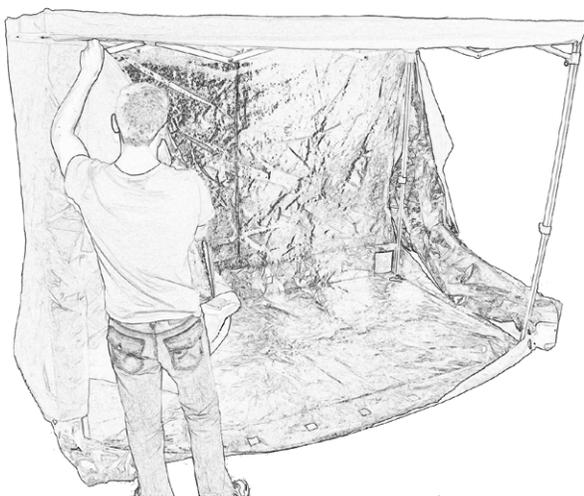
Third party items such as shelving and clothing racks may be used to facilitate the heat treatment of clothing and other items. Appropriate shelving and racks should be available at your local hardware store.

Place the three wireless thermometer probes inside deepest (most insulated) locations in items being treated.

**Hint:** Always open luggage and **“fluff” items** to ensure air circulation.

**Note:** Think of this process the same way you would **think of drying items in the sun**. If items are densely packed, they take longer to dry. Better air circulation will heat your items faster and ensure bed bug killing temperatures. Always use included thermometer to ensure that temperatures reach the lethal 120°F (49°C). See step 10.

## 11. Zip The Room Closed



# Use & Operation (continued)

## 12. Turn On Heaters & ReCirculation Fan

Plug heaters into included timers. After that, plug timer into electrical outlets.

**NOTE: Each heater must be powered from it's own circuit. Typical residential and commercial buildings have one circuit per room. Use the included extension cords to reach outlets in other rooms (where necessary).**

Plug recirculation fan into electrical outlet. The recirculation fan may share an electrical outlet or circuit with one heater. Use included extension cords where necessary.

**Safety Note:** The ZappBug Heater draws 1500 watts of electrical power. Do not use extension cords rated below 1500 watts.

# Use & Operation (continued)

## 13. Wait Appropriate Time

# 60 minutes at or above 120°F

It is impossible to know the temperature at every location in your items so we have developed and tested a foolproof strategy to ensure that your heat treatment is effective.

Bed bugs die at temperatures of 120°F or above in less than two minutes. However, they begin dieing at **temperatures above 113°F**. Several studies have shown that bed bugs die over a range of temperatures and that the higher the temperature, the less time it takes to kill them. Standard practice for heat treating is to measure the temperature at representative locations. When the temperature at this location reaches 120°F and is held at 120°F (or above) for one hour, **you can be confident** that any bed bugs in your belongings are dead.

Place the wireless thermometer probes in the deepest (most insulated) part of your luggage (or item begin treated) and allow the ZappBug Room™ to run for 60 minutes or longer **after the temperature reaches 120°F in all three locations**.

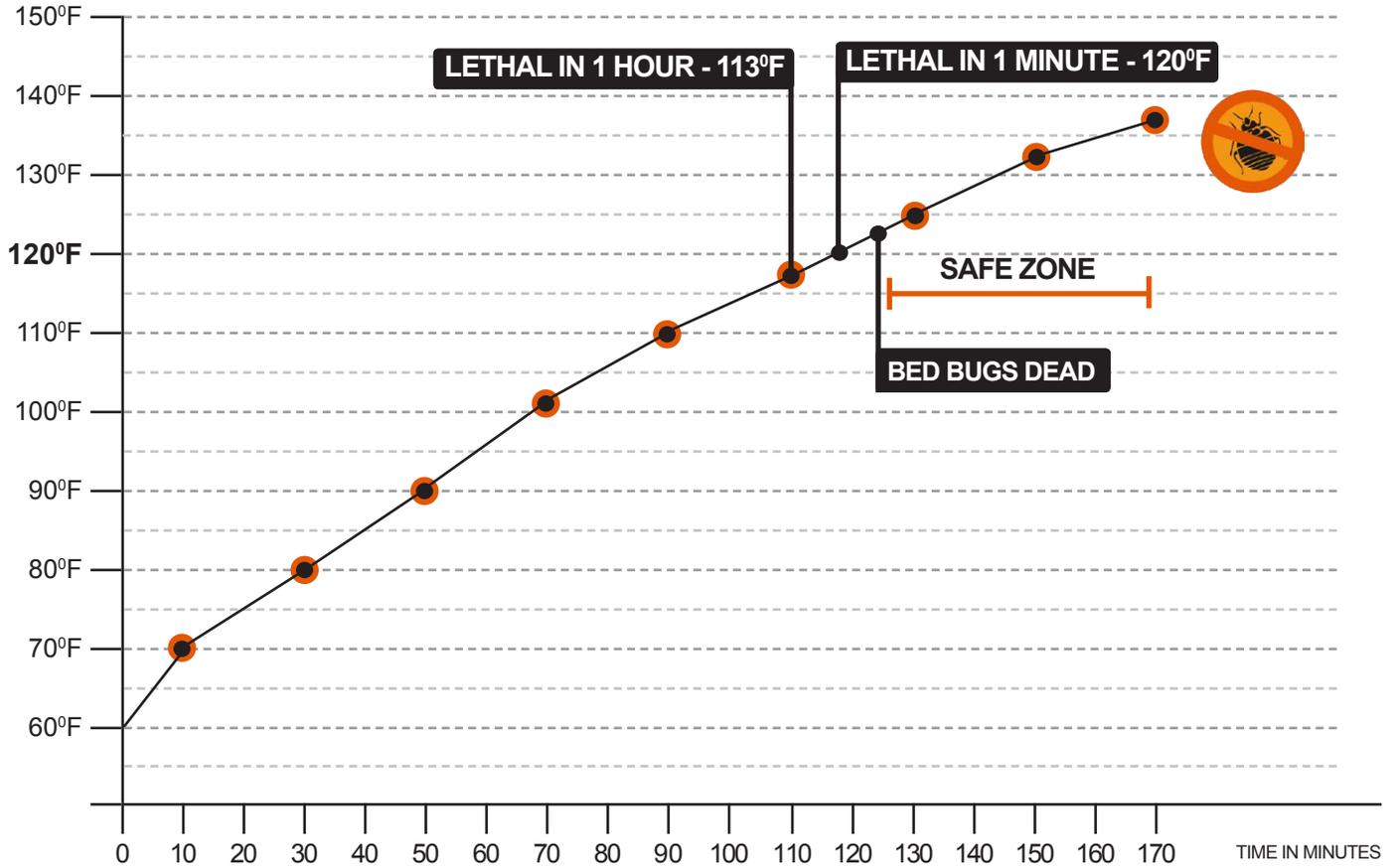
**Hint:** We suggest setting the included timers to 6 hours and letting it shut off the ZappBug Room automatically.

# Heat Treatment Chart

## Typical Heat Treatment

(Actual Treatment Times Will Vary)

TEMPERATURE  
INSIDE ZAPBUG



## 14. Remove Items After Heat Treatment

**Hint:** If your home is infested with bed bugs, place all items into sealed plastic bags or containers immediately after heat treatment.

## 15. Folding & Packing Up The ZappBug Room™

Reverse steps 1-11 and store the ZappBug Room and Accessories in the two included carry bags.

# Warranty Information

## 120 Day Limited Warranty for the ZappBug Room™

ZappBug™ warranty obligations are limited to the terms set forth below:

ZappBug™ warrants this product against defects in materials and workmanship for a period of One Hundred Twenty (120) days from the date of original retail purchase. This warranty is good only to the original purchaser.

### What Does This Warranty Cover?

This warranty covers any defects or malfunctions in the ZappBug Room™. This includes all of the items included with the ZappBug Room™. Coverage terminates if you sell or otherwise transfer the ZappBug Room™.

### What Does This Warranty Not Cover?

This warranty does not cover the following:

1. Any defect or malfunction of the ZappBug Room™ caused by abuse, misuse, neglect, carelessness, or accident.
2. Any defect or malfunction caused by alteration or modification of the ZappBug Room™.
3. Any defect or malfunction of the ZappBug Room™ which would not have occurred if instructions in the owner's manual had been followed.
4. The cost of repairing or replacing any electronics that are placed in the ZappBug Room™. (In our experience, the ZappBug Room™ operates at temperature ranges that are safe for most electronics, but we do not cover any damage to electronics that might occur while using ZappBug Room™.)
5. The cost of repairing or replacing any property which is damaged when the ZappBug Room™ does not work properly.
6. The cost of repairing or replacing any property which is damaged due to not following the instructions in the owner's manual.

### What is the Period of Coverage?

Coverage under this warranty is for 120 days from the original date of purchase. Coverage terminates if you sell or otherwise transfer the ZappBug Room™.

### What Will We Do to Correct Problems?

If there is a problem, we will replace or repair (our option) the ZappBug Room™, free of charge. You are responsible for shipping charges to send the ZappBug Room™ to us for repair or replacement. We are responsible for shipping charges to send the repaired or replaced ZappBug Room™ to you.

### How Do You Get Service if There is a Problem?

Email us at [support@zappbug.com](mailto:support@zappbug.com) or call us at (206) 504-2464. Tell us the problem and when and where you purchased the ZappBug Room™. We will email you back with instructions on how to send us the ZappBug Room™ for repair or replacement.

### How State Law Applies

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



**ZappBug™ Customer Service**  
support@zappbug.com  
(206) 504-2464  
(please **email** for fastest response)