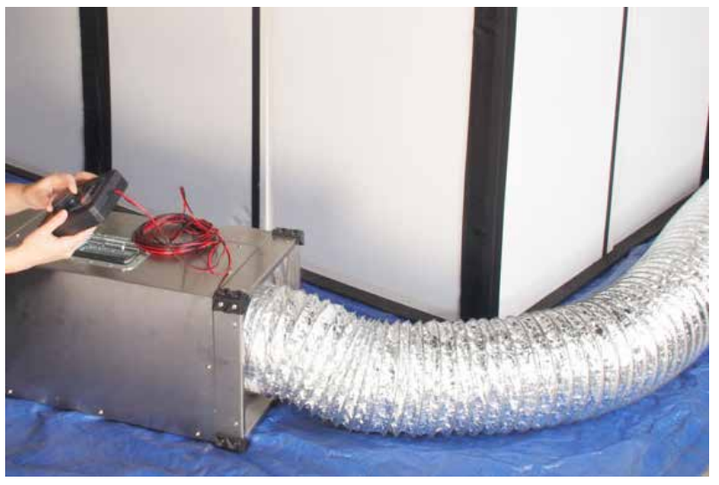
Heat Bubble

SAMITECH

The revolutionary insect heat treatment

Heat Bubble

Nowadays, heat treatments comes with high costs in manpower, logistics, energy consumpiton...



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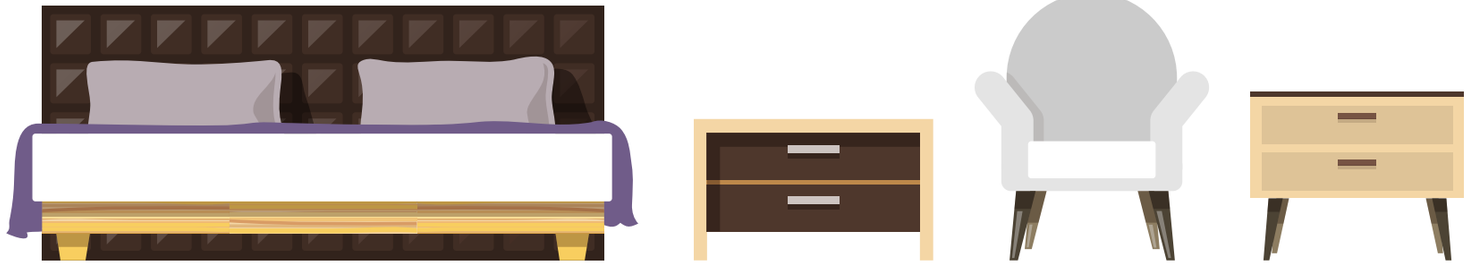
Heat Bubble



SAMITECH has created this new technology to bring you the latest innovation against pests.
It's a **Heat Treatment** solution for insects found mainly in hotels, offices, homes, etc.

Heat Bubble

Samitech **Heat Bubble technology** is efficient against bedbugs, wood worms, moths, termites, other xylophages, mites, fungus and insects in general in any stage.

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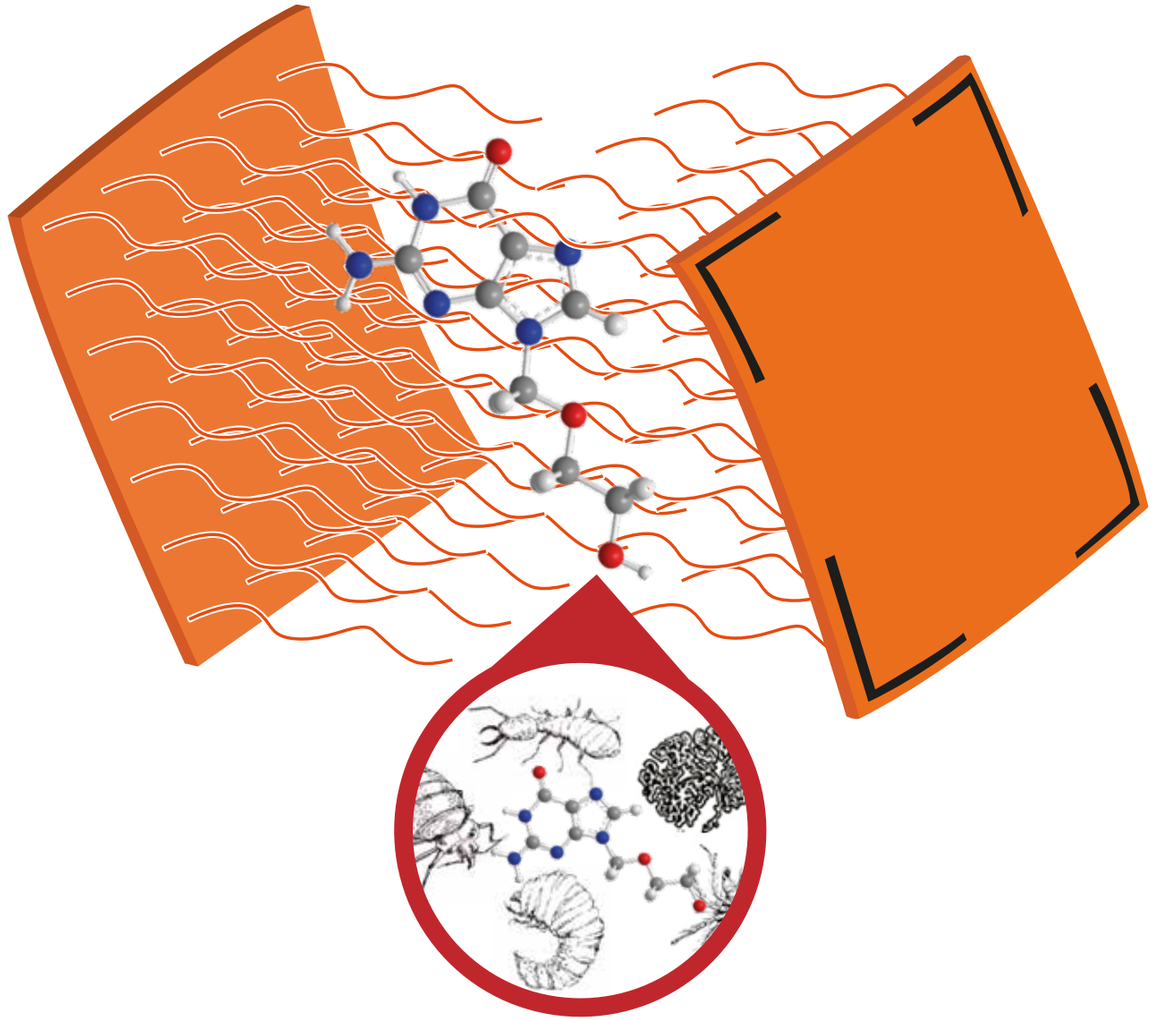
Heat Bubble

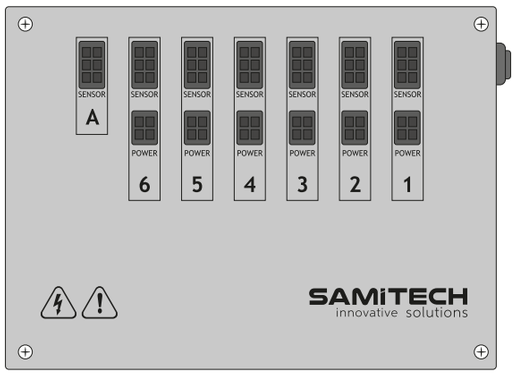
SAMITECH is revolutionising the pest control sector by improving classic heat treatments with a new technology based on Far Infrared waves that penetrate deep into the objects surface killing any way of life by dehydration.



Heat Bubble technology is using the same heating principle of solar waves:
The far infrared radiated heat is 100% safe for objects and opposed to convection heat, there is no waste of energy in heating the air.

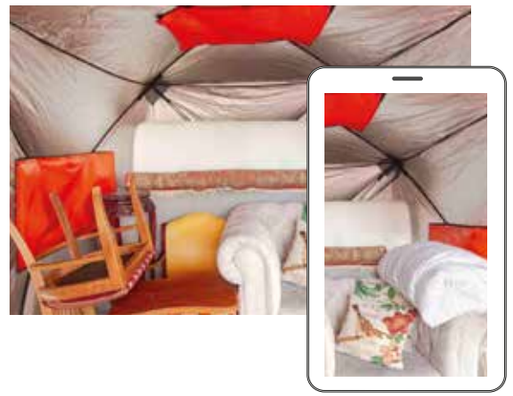
Heat Bubble

1. Control Box Unit



2. User Interface

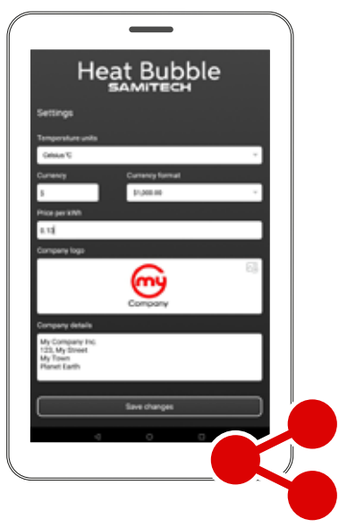
3. Take pictures to objects before and after treatment



4. Treatment monitoring

5. Exhaustive Report

6. Share or send to client



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Heat Bubble

Only one operator needed. Light, foldable, quick and easy to assemble.

One single power outlet socket. Effective and low cost equipment.

High capacity (6m³) allowing treatment of several objects simultaneously.

Intelligent control system Remotely managed in real-time.

Applications

Beds Mattress

Artistic objects

Furniture

Textil

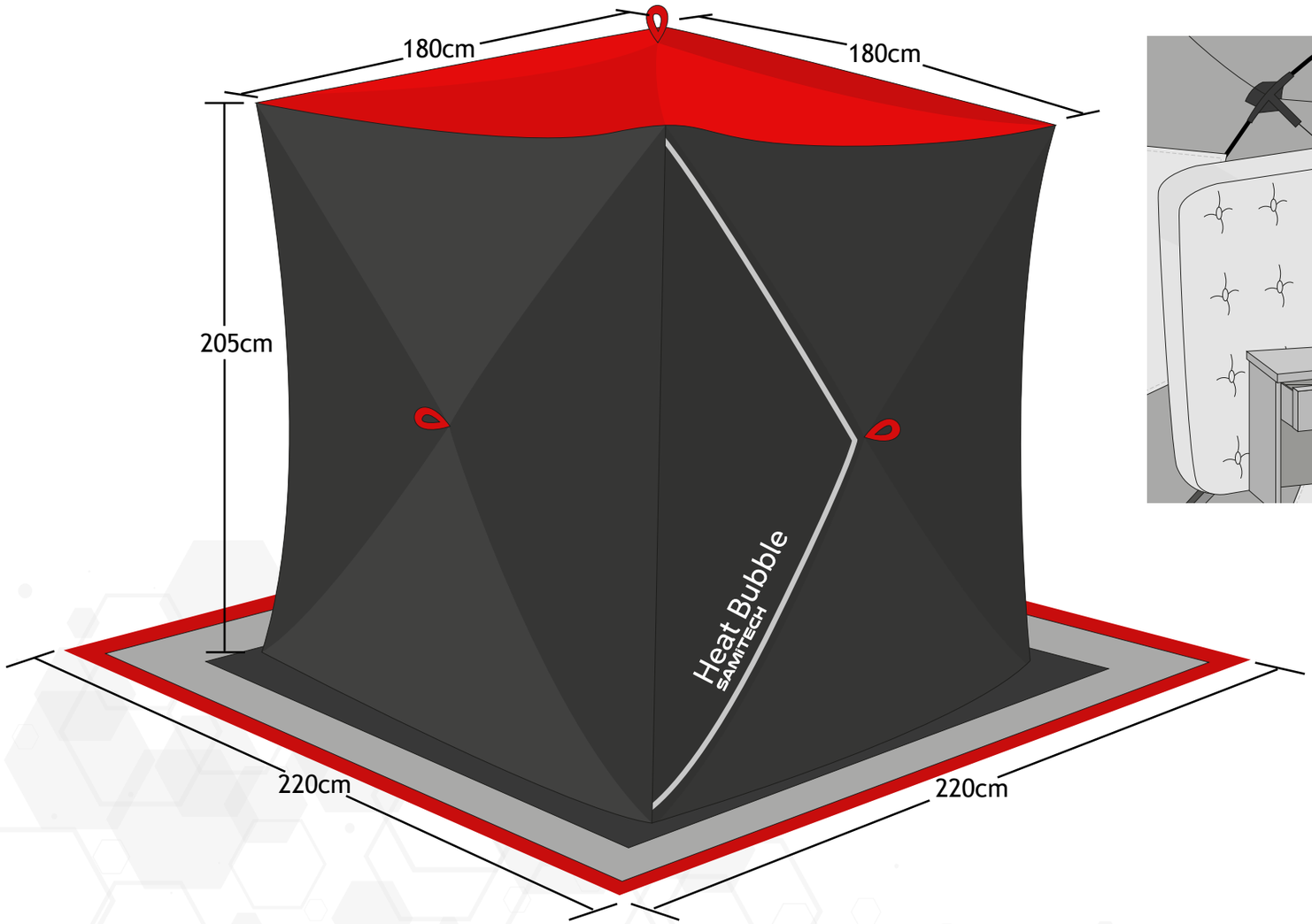
Luggage

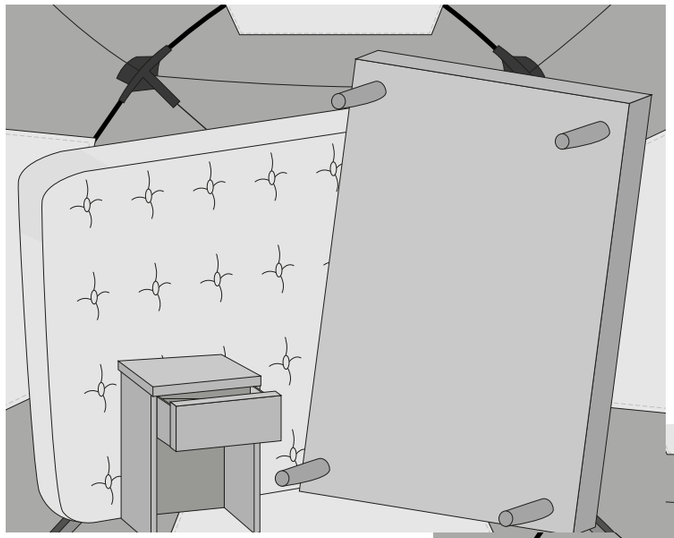
Mobile storage

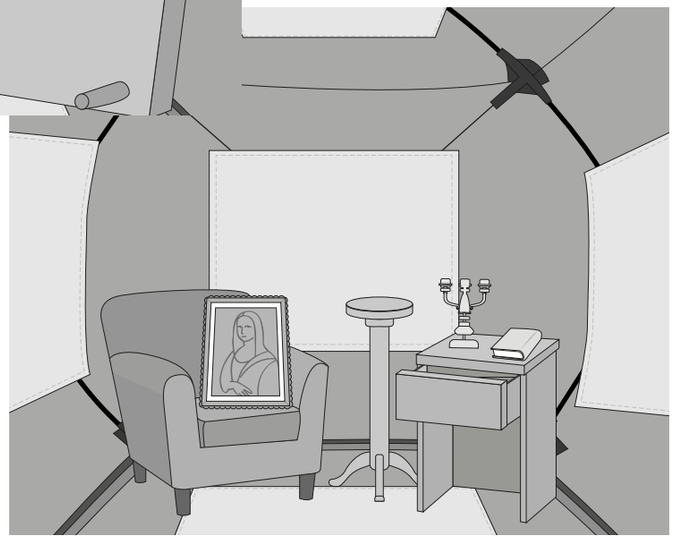
SAMITECH

Heat Bubble

Dimensions (The volume is flexible and 100% useful)







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Heat Bubble

The Heat Bubble is made of a reflective and thermal insulator material, that acts as a mirror for the Far Infrared Waves, emitted by the heating panles.

Finally, the Bubble is coated by a high resistant material that helps to keep the heat inside.

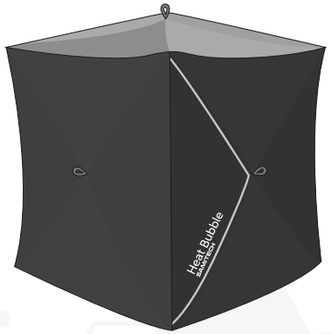
Heat Bubble

Components and accessories

All the components of the equipment are carried in an easy transport bag specifically designed for this purpose.

1. Bubble
2. Heating panels
   5 big size + 1 regular size
3. Control Boux Unit
4. Power Cord
5. 7” tablet user interface
6. Base
7. Data Cable (x6 units)
8. Power Cable (x6 units)
9. Temperature Probes
10. Support poles (x2 units)
11. Easy Transport Bag

1



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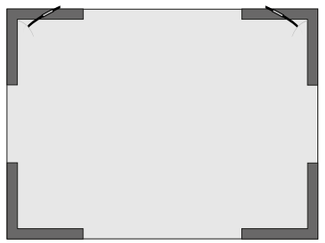

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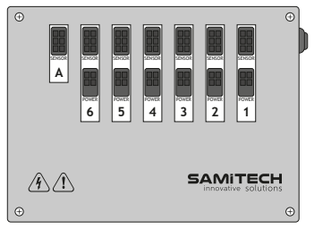

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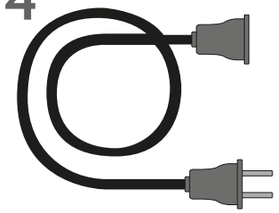

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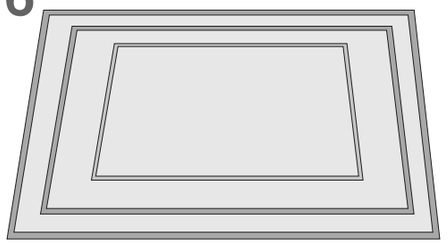

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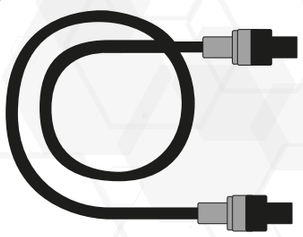

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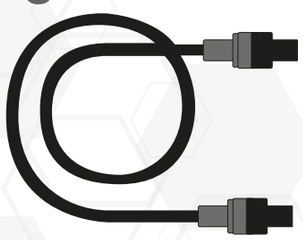

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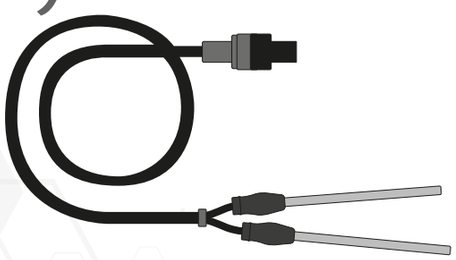

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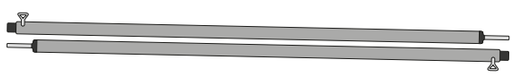

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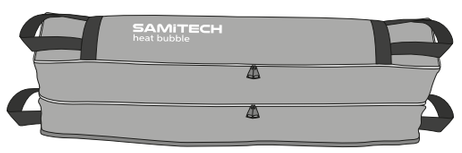

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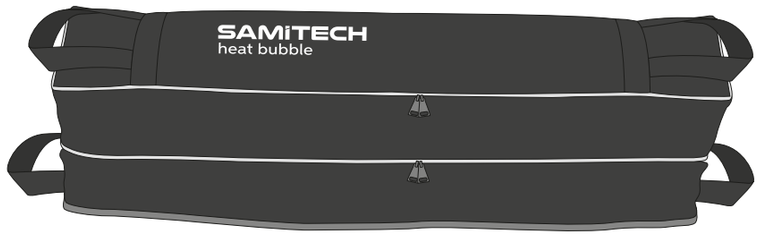
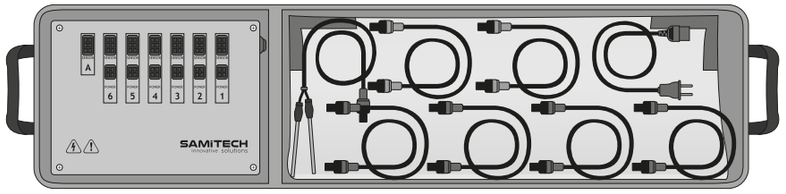
Heat Bubble

Easy to deploy and use

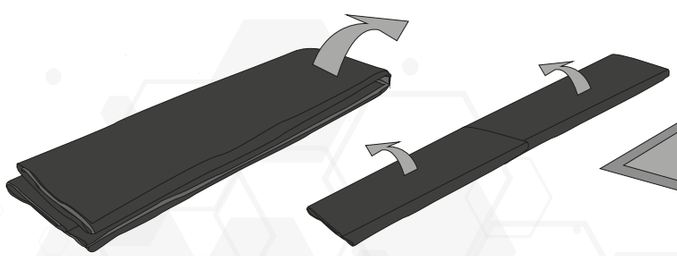
In less than 45 seconds.

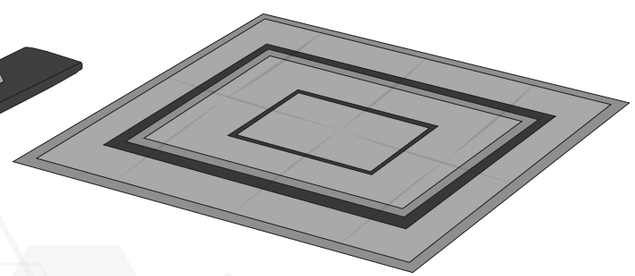
All components fit into the Transport Bag.

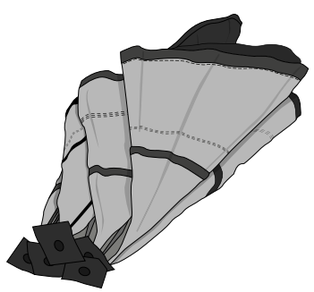


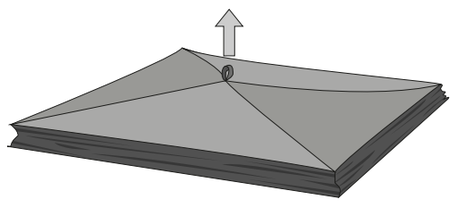


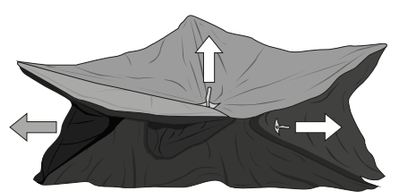
Open the easy transport bag, one compartment at once, the upper contains the heating panels, the Unit Control Box, and the cables. The lower compartment contains the Bubble, the Base and the support poles. Unfold the Base over a clear floor.











Open the Bubble by pulling the red strips. When the Bubble is standing and firm, place it over the base, sticking them with the Velcro tape. Finally, use the support poles to keep the Bubble open.

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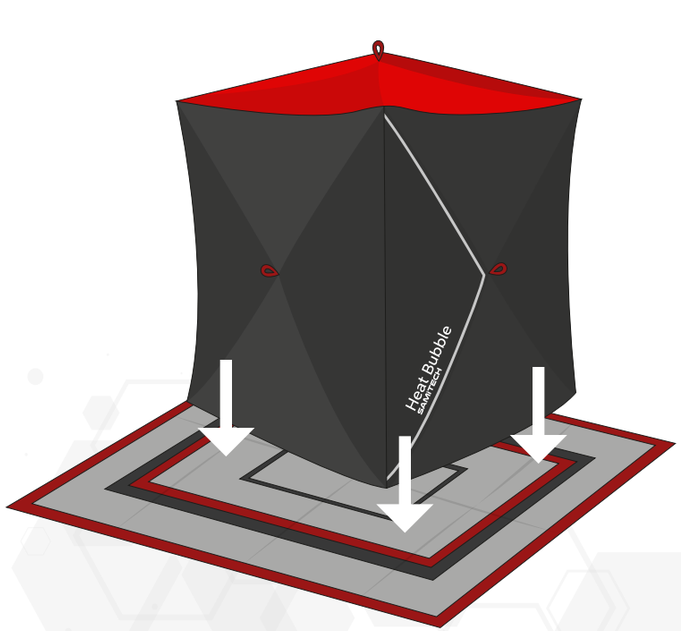
Heat Bubble

Operation steps

Place the objects inside the bubble.

1. The Bubble’s base can be extended completely on the ground so the objects can be easily deposited on it. The just cover them with the Bubble.
2. Use the support poles to keep the Bubble open.
3. Objects can also be inserted in the Bubble through two side openings.



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Heat Bubble

The user Interface is simple and intuitive, With it the operator es able to choose, verify the safety guidelines and monitor de treatment to be done.

- ✓The heat treatments are managed and monitored in real-time using a lightweight touch-screen 7″ tablet included in the kit.
- ✓The interface is totally intuitive and user friendly.
- ✓The operator can define the treatment temperature and duration, and monitor what is going on inside de bubble at any time.
- ✓The user interface asks both the costumer and the PCO to check the safety guidelines before starting a treatment.
- ✓Using the built-in camera in the tablet, the technician can take pictures of the objects, before and after the treatment is completed as a proof of no damages.
- ✓When the treatment is completed, a full report is generated including all treatment details, the pictures taken to objects and even estimated energy consumption and cost.
- ✓The PDF report can be easily shared with the costumer by email.

Heat Bubble

Once the treatment is finished, the system generates a **personalized PDF report** that can be emailed to the client.

The report includes:

- ✓Data of the treatment performed (duration, temperatures, energy, kind of pest, etc...)
- ✓Identification of both: The client and the operator (Company).
- ✓Photographs of objects before and after the treatment.
- ✓Energy consumption.

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Heat Bubble

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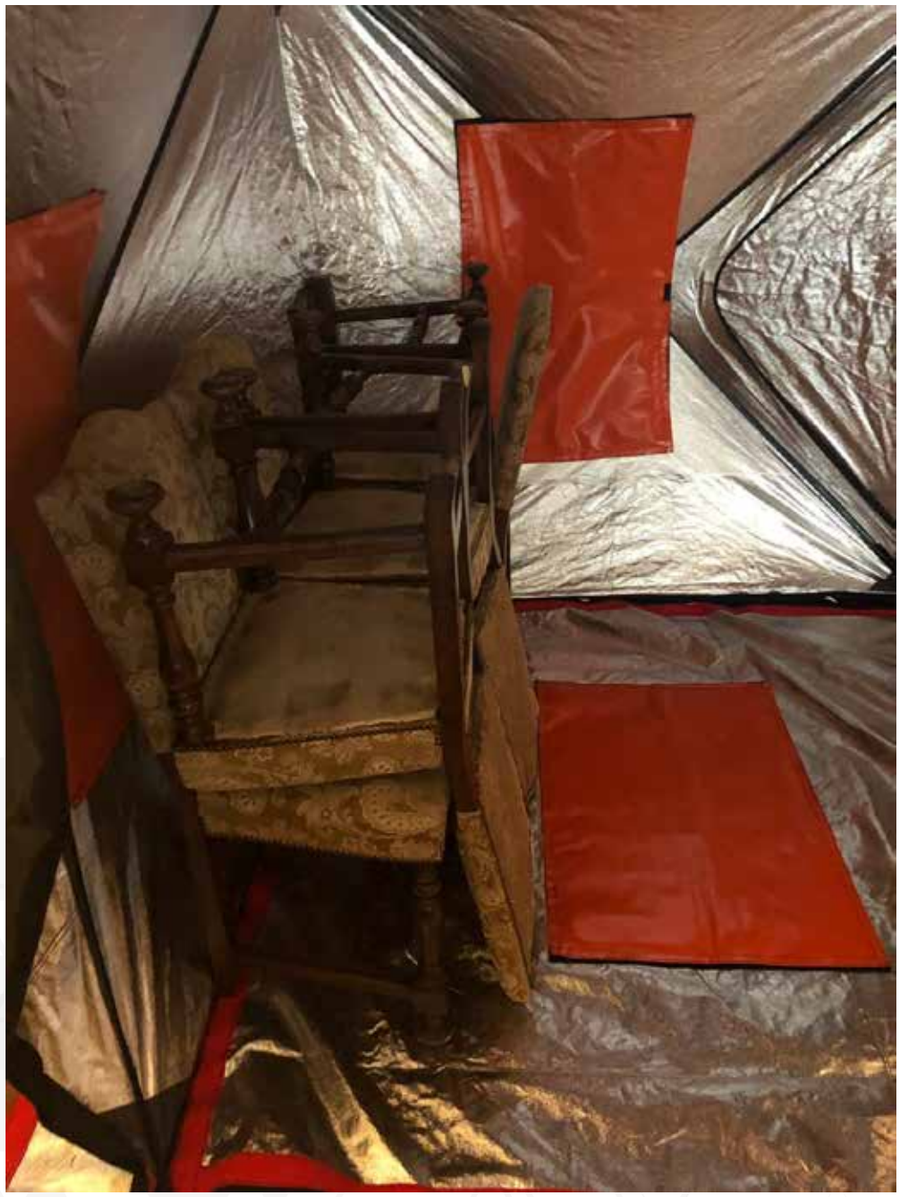

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