



ZERO BEDBUG

NOWHERE TO HIDE

THE POWER OF HEAT THAT DEFEATS BED BUGS WITHOUT TOXIC CHEMICALS

BED BUGS

Bed bugs are reddish-brown parasites that infest hospitality facilities and transportation vehicles.

These flat, oval insects, ranging from 1 to 7 mm in length, feed on human blood, causing bites that can trigger allergic reactions.

Increased mobility across Europe has led to a rise in infestations, causing significant damage particularly in the hospitality and transportation sectors.

RISKS OF AN INFESTATION

Reputational Damage

Bed bug infestations can lead to negative reviews and severely damage a facility's reputation.

Loss of Revenue

During disinfection, rooms must be closed, resulting in direct income loss.

Legal Risks

Guests may take legal action for compensation due to bites, psychological distress, or infested personal items.

Guest Discomfort

Bed bugs may cause skin irritation, itching, and allergic reactions, ruining the guest experience and leading to complaints.

Operational Issues

Managing an infestation consumes time and resources, distracting staff from daily operations and guest care.

Impact on Staff Health

Staff may also be bitten, lowering morale and productivity.

ZBB

ZBB is an innovative solution for fighting bed bug infestations in hospitality environments such as hotels, ships, and trains.

Using the power of heat, this machine effectively eliminates bed bugs, helping to preserve the reputation of the facility and maintain high standards of quality and guest satisfaction ensuring a safe and comfortable environment.

HOW IT WORKS

Developed and marketed since 2010 by our U.S. subsidiary Mosebach, ZBB has been manufactured in Italy since 2024 in compliance with CE regulations.

It uses heat to eliminate bed bugs and their eggs by heating the environment to 50/60°C a temperature that kills both eggs and parasites. Free of chemicals, it is safe for environments, animals, and humans. With a power rating of 5.5/13 kW, it can treat areas up to 50 m². For larger spaces, we offer tailored solutions to ensure effective heat treatment. Thanks to its wheels and handles, is easy to move and operate.

ZBB



TECHNICAL SPECIFICATIONS

DIMENSIONS (LxWxH)	VOLTAGE	POWER	CURRENT	WEIGHT
47 x 36 x 55 cm	400 V	13 kW	19A	16 KG
54 x 41 x 60 cm	400 V - 220 V	13 - 5,5 kW	19A - 25A	20 KG
54 x 41 x 60 cm	220 V	5,5 kW	25A	20 KG

ZBB – ADVANTAGES

Effective Treatment

ZBB heats the environment between 50/60°C, a lethal temperature for parasites in every phase of their life cycle.

Ease of Use

Lightweight and easy to handle, it can be easily transported and positioned in the rooms to be treated.

Safety and Reliability

ZBB is programmed not to exceed 60°C, ensuring maximum safety and reliability.

Cost Reduction

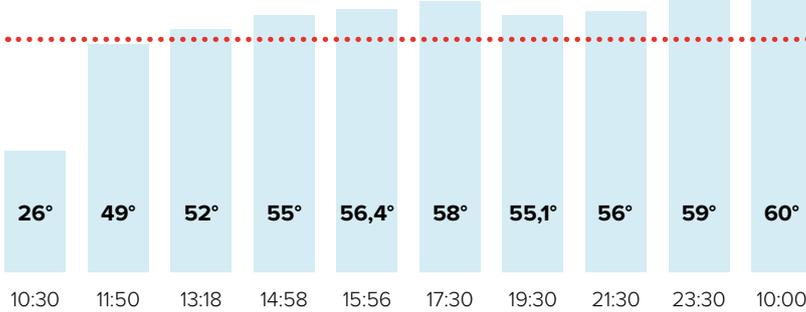
ZBB minimizes downtime of treated areas and eliminates the risks associated with pesticide use.



REAL-WORLD APPLICATIONS WITH A 13 kW UNIT

50°

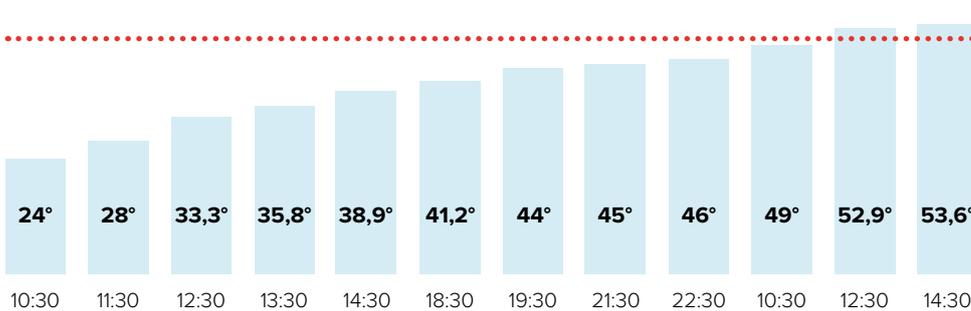
AREA: 21 M² / VOLUME: 58.8 M³



Progressive Increase of Room Temperature

50°

AREA: 40 M² / VOLUME: 144 M³



Progressive Increase of Room Temperature

TEMPERATURE AND TIME REQUIRED FOR INSECT ELIMINATION

TEMP (°C)	TIME TO ELIMINATE EGGS	TIME TO ELIMINATE INSECTS
46°	480 minutes	90 minutes
49°	90 minutes	2 minutes
51,5°	< 1 minute	< 1 minute
54,5°	< 1 minute	< 1 minute



ZBB is an electrical resistance.
Telega Group is the world leader
in the design and production of power
electrical resistances.



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