

THE ALL-NATURAL, ULTIMATE, PROVEN SOLUTION

DRY STEAM SUPERHEATED UP TO 180°C

Polti Cimex Eradicator **is the innovative solution which has proved to be an effective way of permanently eliminating bed bugs.**

Polti Cimex Eradicator is a steam generator to which an ergonomic and lightweight steam nozzle is connected. The system is designed specifically for pest control.

The product's main feature is its special type of steam which, after being generated inside the boiler of the steam generator, is again superheated inside the delivery nozzle (with the worldwide Polti patented controlled expansion chamber) up to a maximum temperature of 180°C. At the moment of delivery, the steam is mixed with the HPMed detergent, a water and alcohol-based solution that can be safely administered in the presence of people.

Bed bugs are very sensitive to temperature changes so exposure to a wave of steam up to 180°C eliminates both adult insects, larva, and any eggs.



POLTI CIMEX ERADICATOR+

THE ALL-NATURAL, ULTIMATE
BED BUG SOLUTION

LOWERS THE BACTERIAL, FUNGAL,
AND VIRAL COUNT IN SECONDS

CAN BE USED SAFELY IN
THE PRESENCE OF PEOPLE

MINIMAL ENVIRONMENTAL IMPACT

NO RISK OF SURFACE DAMAGE,
STAINING, OR CONTAMINATION

WORKS ON ALL SURFACES

DEEP ACTION: REACHES EVEN
THE MOST INACCESSIBLE CORNERS

IMMEDIATELY EVAPORATES, WITHOUT
LEAVING ANY RESIDUE BEHIND

RAPID APPLICATION AND ACTION



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POLTI CIMEX ERADICATOR+



Pictures ©BedBugs.org

THE ALL-NATURAL, ULTIMATE BED BUG SOLUTION

- ✓ 100% EFFECTIVE
- ✓ WITHOUT USE OF INSECTICIDES
- ✓ POLTI'S PATENTED DRY STEAM SUPERHEATED UP TO 180°C
- ✓ NO DAMAGING CONTACT WITH SURFACES
- ✓ REMOVES BED BUG ODOUR



THE PROBLEM: BED BUG INFESTATIONS

The bed bug (*Cimex lectularius*) is a species of insect that has become a very serious problem in many public and private environments. From hotels to airplanes and even in your own home, bed bugs can be found almost anywhere and are extremely difficult to get rid of.



CONVENTIONAL SOLUTIONS

Currently, pesticides are the method most often used to deal with these insects, but such chemicals are limited in several ways and, for example, **are often unable to penetrate deep enough when applied to be 100% effective.**

Furthermore, pesticides can have negative effects on one's health and can damage the materials with which they come into contact.



POLTI CIMEX ERADICATOR

Polti Cimex Eradicator is the high-tech, eco-friendly, solution to your bed bug problem. Lab and field tests have all confirmed that the flow of superheated steam generated by the Polti Cimex Eradicator eliminates 100% of the eggs and the vast majority of the later-stage bugs and larva in just a single pass.



FEATURES

- Safety Cap
- Stainless steel 18/10 boiler
- Continuous steam regulation from 0 to 110 g/min
- Steam pressure: up to 4 bar
- Audio alert when water runs out
- “Steam ready” and “Out of water” light
- Manometer
- Polti’s worldwide-patented steam nozzle, which releases superheated dry steam outflow up to 180° C
- Connection for HPMed detergent bottle placed under the steam nozzle
- Integrated spacer/stand
- Ergonomic handle with soft-touch insert
- Steam release button with safety lock device
- Use capacity: 2 L
- Power: 2250W • Weight: 7,9 Kg
- Dimensions (included wheels): 32x34 cm

ACCESSORY EQUIPMENT

- 2x50 ml bottles of HPMed detergent + 4 wicks
- Straight extension accessory and curved extension accessory • Protective gloves • Quick guide to disinfection • Cleaning brush and filler funnel
- 2 vials of Kalstop



THE ADVANTAGES OF POLTI CIMEX ERADICATOR

The superheated dry steam of the Polti Cimex Eradicator is a **solution that carries a low environmental impact and does not have any negative health effects.** It eliminates infestations without releasing any potentially dangerous chemicals. It is not necessary to wear personal protective equipment or to make people leave the premises being treated, nor is it necessary to ventilate the premises after delivering the steam.

Thanks to the use of superheated dry steam, which has a very low liquid particle count, the steam from the Polti Cimex Eradicator does not leave the surfaces or fabrics wet and does not cause damage or alter the materials to which it is applied. **Moreover, the area being treated is ready for use immediately after it is cleaned - no need to wait.**

The flow of steam can be directed specifically towards those areas infested with bed bugs, so even the most hard-to-reach crevices can be treated to eliminate any and all bed bugs living inside.

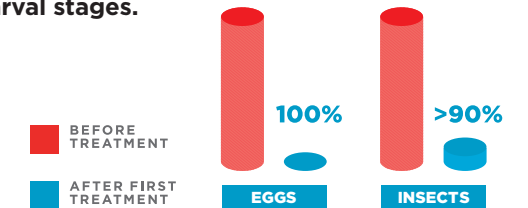
	CONVENTIONAL METHODS	POLTI CIMEX ERADICATOR
IMPACT ON THE ENVIRONMENT AND ON HUMAN BEINGS	Possible negative effects on human health: risk of inhalation and contact with chemical substances. Delivery in the absence of people. Use of Personal Protective Equipment such as gloves or masks.	Method with a low environmental impact. It has no negative effects on health, either by inhalation or by contact with the skin. The mixture of steam and HPMed can be delivered even in the presence of people. There is no need to wear Personal Protective Equipment.
WAITING TIMES	At the end of the treatment it is necessary to ventilate the rooms for a certain number of hours before one can go in to them again.	The rooms can be used again immediately after completing the cleaning.
EFFECTIVENESS	Thanks to the waterproof waxy coating of their exoskeleton, bed bugs are not very sensitive to the active ingredients and are absolutely immune to the mechanism of insecticides based on ingestion. Pesticides are often ineffective against eggs.	Bed bugs are very sensitive to temperature changes. Therefore, the superheated flow of steam (180° C) eliminates adult insects as well as larva and eggs.
DEEP CLEAN	Pesticides are unable to enter structures in depth and therefore require numerous applications in order to reach and completely eliminate the insects.	The flow of steam and HPMed can penetrate corners and all hard-to-reach places, ensuring that even bed bugs burrowed deep are eliminated.
IN ADDITION		Use combined with HPMed enables disaggregation of the glue-like substance that enables the eggs to stick to surfaces, elimination of the traces and lowering of the characteristic smell of bed bugs.

POLTI CIMEX ERADICATOR: FASTER, NATURAL, EFFECTIVE.

EFFECTIVENESS TEST

In vitro experiments and in the field tests have demonstrated the effectiveness of the superheated dry steam of Polti Cimex Eradicator for the rapid elimination of bed bug infestations.

In the laboratory tests, a variety of different materials (wood, fabrics, metal, etc.) were used to artificially reproduce some of the most common places where bed bugs nest. In each of these simulations the experimenters nested adult insects and larvae (tests conducted on bed bugs in their mobile stages) or pregnant females (tests conducted on eggs) in the materials. A single treatment with the superheated dry steam of **Polti Cimex Eradicator has been proven to eliminate all the eggs present (100%) and a very high proportion (more than 90%) of the adult insects and larval stages.**



In the field tests, actual infested contexts were selected, such as hotels and private homes, and were treated with the superheated dry steam.

The results obtained in the experiments were highly positive. Unlike chemical products, which require three or four treatments to achieve complete disinfection, the superheated dry steam of **Polti Cimex Eradicator completely eliminated the infestation after two or three treatments.**

Following the treatments, the infestation was eliminated completely from all the rooms treated.

Targeted treatment with superheated dry steam was demonstrated to be effective for eliminating bed bugs and represents a faster alternative with lower environmental impact than the use of potentially toxic chemicals.