




Thermo-bug[®]
Solutions



Deadly in the
fight against
Bed Bugs & Co.

The return of the blood suckers



Facts on bed bugs

Latin: *Cimex lectularis*

These blood sucking parasites attack mammals, birds and humans alike.



Adult bed bugs reach 4 – 7 mm in length and are yellowish to red-brown in colour. When feeding on blood they can expand up to 9 mm in length and their body gradually blackens. Bed bugs usually hide during the day only to come out at night and attack their victims. They thrive at room temperatures of 18 - 22 degrees Celsius where an adult bed bug will feed between 3 - 20 minutes every 3 - 7 days.

In ideal conditions and with plenty of food bed bugs can live up to 18 months. Females lay up to 400 eggs, an average of 3 eggs per day.

The tourism industry and private households have gone on alert!

Until only a few years ago, bed bugs were considered extinct, but have had a huge comeback since.

An increased resistance to insecticides as well as a rise in global travel are all considered to be contributing factors. Furthermore, people are more and more conscientious, when it comes to avoiding the use of pesticides.

Once bed bugs have been brought into the house they are not so easy to eliminate again.

The following are tell tale signs for a bed bug infestation: a number of extremely itchy bites in a row, small blood stains on your bedding as well as a slightly musty smell in the room.



Dear Bed Bugs,
you will have to be
very brave now!

Heiko Kaiser
Pest Controller
Director of Alpeco Ltd.



Dear Colleagues

It is expected of us as pest controllers to deal with all kinds of vermin in a discreet, fast and unobtrusive manner.

If possible the use of chemicals should be avoided and the treatment needs to be odourless, long-lasting, effective and extremely deadly.

Our mobile compact Thermo-bug enables just that. Come and see for yourselves. You will be thrilled and your clients will love you for it...

Yours sincerely

Thilo Fleschhut
Pest Controller
Director of Fleschhut UG



Thilo Fleschhut



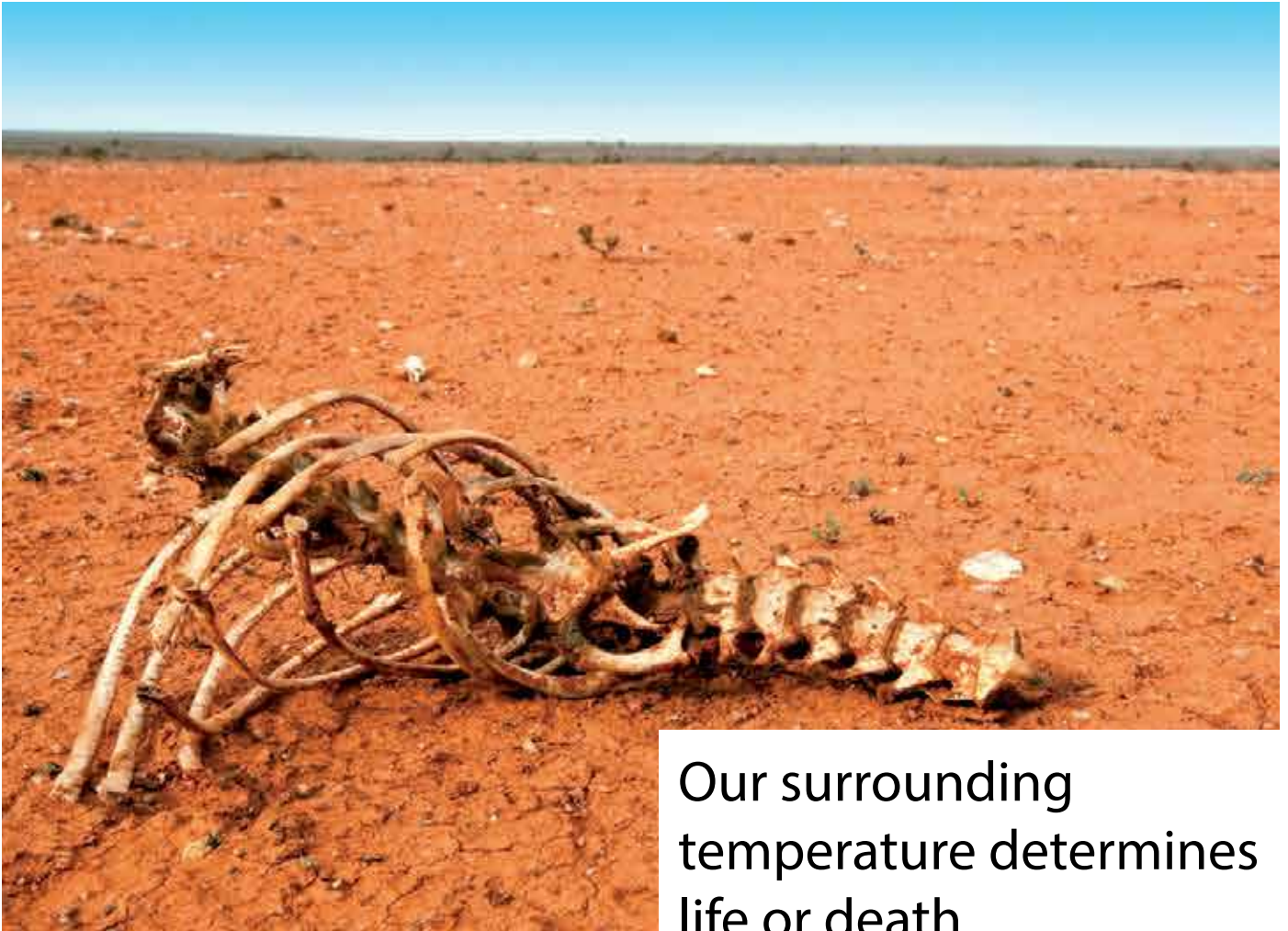
The Thermo-bug[®]

Its strategy is heat!

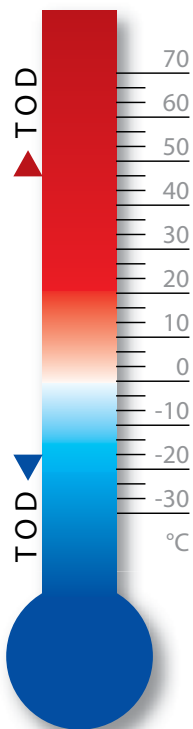
In scientific terms this means a change to the structure of the molecules of a substance. With proteins (egg white - for example) heat leads to a loss of the function of these molecules as each cell consists of proteins.

Thus if you heat up the environment to 45 – 55 degrees Celsius for a certain time (min 1 hour) any proteins are destroyed and all life dies.





Our surrounding temperature determines life or death.



Living creatures will die within a short period of time, if unprotected in temperatures above 45 and below -18 degrees Celsius.

Our Thermo-bug heaters which have been designed to bring up any room temperature to a maximum of 70 degrees Celsius – quick, quiet and deadly, without the use of any chemicals.

The use of two Thermo-bug heaters is recommended for an even and well dispersed temperature rise. In order to accurately measure and document the temperature distribution in the room we recommend a data logger.

An investment that is well worth it!

The Thermo-bug is a commercial and yet affordable heater manufactured for use in hotels and private households. Purchasing our Thermo-bug Airblower in combination with the heater is highly recommended.





Voltage:	400 V
Heat Output:	9 kw
Amperage:	max 16 A
Room Temperature:	0 – 70 degrees C
Maximum Temperature:	110 degrees C
Noise Level:	53 dBA
Air Circulation:	1800 cubic metres/h
Casing:	Stainless steel EN 1.4016, variable power output dial with integrated thermostat, IP54 (water resistant)
Dimensions:	Width = 46 cm Depth = 68 cm Height = 59 cm
Weight:	17kg



Thermo-bug® Compact

Powerful ventilator will heat the room to 70 degrees C.

Specifically designed to eradicate bed bugs.

Low noise, extremely robust, compact and easily transportable.

Features three power settings.

Product Features

- Dial for room temperature can be set from 0 – 70 degrees C.
- Overheating protection, thermal cut-out with manual reset
- Very quiet running, only 53 dBA
- Circulates 1800 cubic metres/h
- Casing water and contaminant resistant to IEC specification IP54
- Light weight, easy to handle (17 kg)





Voltage:	230 V
Heat Output:	72 kw
Amperage:	max 0.32 A
Room Temperature:	0 – 70 degrees C
Noise Level:	51 dBA
Air Circulation:	700 cubic metres/h
Casing:	Stainless Steel EN 1.4016, variable power output dial with integrated thermostat, IP54 (water resistant)
Weight:	9.15 kg
Stand:	2 kg
Dimensions:	Width = 40 cm Depth = 63 cm Height = 40 cm
Stand: (dimensions packed)	Width = 12 cm Depth = 1.20 m Height = 12 cm
Suction Hose:	Diameter 20 cm, heat resistant



Thermo-bug® Airblower

Airblower includes stand for circulating hot air in rooms and integrated expandable hose.

Circulates air from just below ceiling and distributes it across floor.

Package includes:

Thermo-bug Airblower with expandable hose and stand.

Product Features

- Can be used in room temperatures of 0 – 70 degrees C
- Very quiet running, only 51 dBA
- Circulates 700 cubic metres/h
- Casing water and contaminant resistant to IEC specification IP54
- Suction Hose, diameter 20 cm, heat resistant
- Light weight, easy to handle (9.15 kg)



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Thermo-bug Airblower



Thermo-bug Classic Heater



Thermo-bug Compact