

## Instruction Manual

### Thermo-bug AirBlower



#### **Introduction**

Read this instruction manual thoroughly and familiarize yourself with all its controls before turning on the AirBlower.

Pay special attention to any hazards pointed out.

No liability will be accepted for any damage due to improper handling and use and the warranty will cease.

The AirBlower has been checked and tested for its functionality before delivery.

On receipt please check for any damage during transport.



## **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.

Appliance comes ready to use and with full instruction manual.

**No liability will be accepted for improper handling and use.**

## **Thermo-bug**

A brand of Fleschhut UG

Kremser Weg 7

88339 Bad Waldsee

Germany

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### **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)
- Quite and Light

### **Areas of operation**

- In rooms with temperatures of up to 70 degrees C.
- For heat treatments in enclosed spaces
- In switch rooms for electronic devices
- In drying chambers

### **Operation**

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



## Overheating

Heater features overheating protection, thermal cut-out with manual reset.

In the event of overheating, follow these instructions.

- Disconnect heater from power supply
- Establish reason for overheating

In case the reason for overheating cannot be found, contact a qualified technician.

## Checklist - Heat Treatment

### Preparation and Safety Instructions

- \* Deactivate sprinklers, heat and smoke detectors
- \* **Unplug all electronic devices**, they can remain inside the room though (**except for Plasma TVs**)
- \* Move furniture approx. 10 cm away from the walls
- \* Take off power point and switch covers in order to apply a natural barrier with DE powder
- \* Thoroughly vacuum all rooms

### Items that need to be removed from the room before a heat treatment:

- \* Pets & plants
- \* Pictures, oil paintings and mirrors (use tape to keep fitted mirrors in place)
- \* Ink or laser printers
- \* Food from fridges or freezers
- \* Carbonated drinks
- \* Medication, Cosmetics (lipsticks, lotions, etc.)
- \* Aerosol cans (hairspray, deodorant, etc.)
- \* Wax products (candles, soaps, etc.)
- \* Weapons and ammunition
- \* Fire extinguishers
- \* Musical instruments
- \* Valuable and irreplaceable Items (photos, jewellery, etc.)
- \* Vinyl records, CDs, DVDs, etc.

All linen should remain in the room or be placed in a sealable plastic bag to be washed at a minimum temperature of 60 degrees C or frozen to – 18 degrees C.



**Keep in mind that bugs may be re-introduced at any time.**

We recommend a prevention treatment and bed bug monitoring!

### **Heat treatment with Thermo-bug System**

Living creatures will die within a short period of time, if unprotected in temperatures above 45 degrees C. Thermo-bug compact heaters have been designed to bring up any room temperature to a maximum of 85 degrees C.

The use of two Thermo-bug heaters and the AirBlower is recommended for an even and well dispersed temperature rise.

**The heater need to be switched on again after a power cut!**

### **Technical Data**

Voltage:	230 V
Heat Output:	72W
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:	Width = 12 cm (dimensions packed) Depth = 1.20 cm Height = 12 cm
Suction Hose:	Diameter 20 cm, heat resistant

### **Maintenance**

Regular cleaning of the heater externally and internally prevents overheating and reduces fire risk.

### **Safety Precautions**

- Make sure there are no objects preventing the ventilator from sucking in and blowing out air before operating the heater.
- Keep small items away from the vicinity of the running ventilator.
- Caution – surfaces of heater are hot during operation!
- Keep flammable items away from the heater.
- Never cover the fan and hose when running.
- Make sure nothing can fall onto the AirBlower.
- After use keep the ventilator running for at least 10 minutes!
- Do not disconnect from power supply as heater needs to cool down.
- Get regular service check on the machine by a master electrician.



Warranty is only valid if the heater is used in accordance with the purpose and installation as well as maintenance guidelines of the manufacturer. We do not accept liability for any costs or damage caused by the use of the heater.

### **Wiring Diagram**

AirBlower

240V

1. Ventilator
2. Switch
3. Overheating Protection

### **Attention**

**After use of the Thermo-bug system the ventilator needs to run at least 10 min. to cool down as overheat could damage electronics and the machine!**

### **Other recommendation:**

- Professional Training Day/Week with one of our Technicians on Bed Bug's & Co.
- Wifi - Data logging system available on request!
- Bed Bug & Co. handy tool pack
- Network access to [www.hi-eco-genic.com](http://www.hi-eco-genic.com)
- Treatment Description List
- Overall support on latest and updates for Bed Bugs & Co.

**Please refer to Brochure of Thermo-bug.**