

The Bedbug Beacon™

Active Bedbug Monitor

By **PackTite**™

Assembly & Setup Instructions – Single Monitor Kit

Patent pending system for bedbug monitoring



- Provides early detection of bedbug infestations
- Allows around-the-clock monitoring
- Enables ongoing monitoring after treatment
- Economical and reusable
- Detects adults and nymphs

Verify Contents:

- 1 CO₂ Production Chamber (bottle)
- 1 CO₂-resistant tubing
- 2 packets CO₂ MIX A
- 2 packets CO₂ MIX B
- 1 pitfall monitor with cover
- Bottle of oil (dropper bottle)

NOTE: Contents color and style may vary

MIXING

1. Remove all contents from box.
2. Remove cap from CO₂ PRODUCTION CHAMBER (bottle).
3. Add contents of one CO₂ MIX A packet.
4. Add contents of one CO₂ MIX B packet.
5. Add lukewarm water (68-86 °F/20-30 °C) to the level line.
6. Replace cap and swirl gently for 30 seconds.

ASSEMBLY

1. Remove roof of pitfall monitor. Unscrew dropper bottle lid. Squeeze 3 drops of oil into bottom of the well. Replace the monitor lid over the well.
2. Slide one end of the CO₂-resistant tubing firmly over spout on lid of CO₂ PRODUCTION CHAMBER.
NOTE: Slide end of tube past the first line on the spout. If necessary, soften the tubing by holding it under hot water for 15 seconds.
3. Insert the other end of tubing into the hole in the pitfall monitor lid. The end of the tubing should protrude no more than 1/2 inch into the hole in the lid.

PLACEMENT

1. Place CO₂ PRODUCTION CHAMBER on floor or on flat level surface in the area to be monitored.
2. Place pitfall monitor close to any known bedbug harborage or areas likely to have bedbug activity (baseboards, furniture, mattress, headboard, etc.).

NOTE: Three Bedbug Beacon monitors are suggested for a standard room (16 ft x 16 ft).

3. Check the monitor at convenient intervals. (The Bedbug Beacon™ system is designed to produce carbon dioxide for at least 5 days).
4. When the solution in the CO₂ PRODUCTION CHAMBER turns from a milky color to clear and bubbles are no longer visible (usually after 5 days), test the CO₂ production by removing the tubing from the lid of the pitfall

trap and submerging it in a glass of water. If no bubbles are observed, rinse the CO₂ PRODUCTION CHAMBER and follow MIXING instructions (above) using fresh CO₂ MIX (A and B) packets.

5. After monitoring is complete, disassemble and clean the apparatus.

CLEANING and RE-USE

1. Remove the CO₂-resistant tubing and cap.
2. Dispose of the contents (contents are 100% biodegradable).
3. Thoroughly rinse out the CO₂ PRODUCTION CHAMBER with hot water (do not use dish soap or detergent). Alternatively, the components may be washed in a dishwasher (on the top rack only).
4. Gently wipe out the pitfall well with a paper towel.
5. Repeat MIXING, ASSEMBLY and PLACEMENT instructions above.

NOTES: Always use fresh CO₂ MIX packets when re-assembling up the system.

Recent research indicates that carbon dioxide is the primary cue that bedbugs use to locate their human hosts. The Bedbug Beacon™ generates carbon dioxide for at least 5 days.

IMPORTANT: Bedbug Beacon™ is for detection purposes only, and is not designed for bedbug pest control.

Always operate this system in ambient temperature conditions of at least 70°F. Colder ambient temperatures may prevent adequate production of CO₂.

INSTRUCTIONS FOR USE

1. Read all instructions before using this monitoring system.
2. Use caution when using this unit around children, animals and whenever the device is left unattended
3. Keep out of reach of children.
4. DO NOT use this device outdoors.
5. Never locate the monitor where it might be knocked over or otherwise spilled.
6. Do not block the ends of the CO₂-resistant tubing.
7. DO NOT fill the CO₂ PRODUCTION CHAMBER past the fill line.
8. DO NOT put any materials in the chamber or tubing or pitfall that are not included with the system.
9. Use this system only as described in this manual. Any other use not recommended by the manufacturer may cause it not to function properly.
10. This system is intended for use by persons 18 years and older.
11. Store the components in the original box when not in use.
12. **SAVE THESE INSTRUCTIONS.**

SERVICE and SUPPORT

If you have any questions, please contact us at:

service@PackTite.com