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DynaTrap DT1050

DynaTrap DT1050SR Mosquito & Flying Insect Trap User Manual

Model: DT1050

1. INTRODUCTION

Thank you for choosing the DynaTrap DT1050SR Mosquito & Flying Insect Trap. This manual provides important information for the proper setup, operation, and maintenance of your device. Please read it thoroughly before use and retain it for future reference.

The DynaTrap DT1050SR is designed to attract and trap a wide range of flying insects, including mosquitoes, biting flies, house flies, moths, no-see-ums, June beetles, wasps, yellow jackets, stink bugs, gnats, and biting midges. It utilizes a 3-way protection system: a UV light, a titanium dioxide (TiO₂) coated surface that produces carbon dioxide (CO₂), and a powerful, whisper-quiet fan.



Figure 1: Front view of the DynaTrap DT1050SR Mosquito & Flying Insect Trap.

2. SAFETY INFORMATION

WARNING:

- Always unplug the trap before cleaning or performing any maintenance.

- Do not place the trap near flammable materials or in areas with excessive moisture.
- Keep out of reach of children and pets.
- Do not insert foreign objects into the trap.
- Use only with the provided power adapter.

3. SETUP

Follow these steps to set up your DynaTrap DT1050SR for optimal performance:

1. **Unpack:** Carefully remove all components from the packaging. Ensure all parts are present and undamaged.
2. **Placement:** For best results, place the trap 20-40 feet away from areas where people gather. This ensures that insects are drawn away from you. The trap is suitable for both indoor and outdoor use. Place it 3-6 feet above the ground.



Figure 2: Recommended placement of the trap away from gathering areas.



Figure 3: The trap is designed for both outdoor and indoor environments.

- 3. Power Connection:** Plug the power cord into a suitable electrical outlet. The UV light will illuminate, and the fan will begin to operate.



Figure 4: The DynaTrap DT1050SR ready for operation on a wooden surface.

PROTECTS UP TO 1/2 ACRE



Figure 5: The DynaTrap DT1050SR provides protection for areas up to 1/2 acre.

4. OPERATING INSTRUCTIONS

The DynaTrap DT1050SR operates continuously once plugged in. Simply twist the trap to turn it on or off.

How it Works: 3-Way Protection

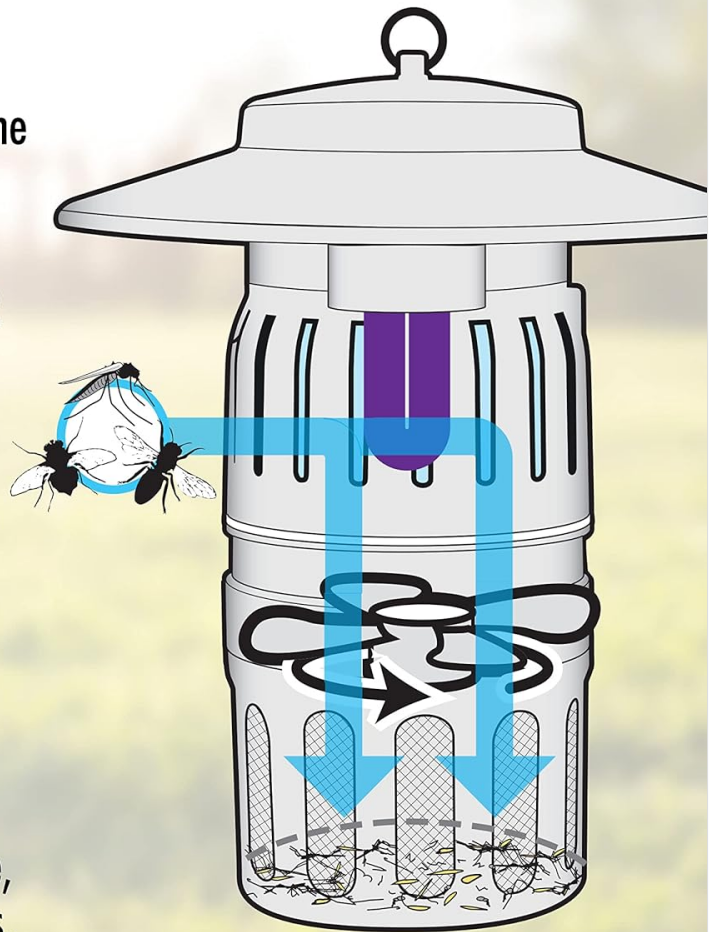
- **UV-Light Lamp:** Lures flying insects to the trap.
- **Irresistible CO₂:** The Titanium Dioxide coated surface produces carbon dioxide, an attractant for mosquitoes.
- **Powerful Fan:** Traps insects inside the retaining cage where they dehydrate and die, usually within 24 hours.

DELIVERS 3-WAY PROTECTION

1 UV-Light Lamp
lures flying insects to the trap night and day.

2 Irresistible CO₂
Titanium Dioxide coated surface produces CO₂ (Carbon Dioxide), an attractant for mosquitoes.

3 Powerful Fan
traps insects inside the retaining cage where they dehydrate and die, usually within 24 hours.



 **DYNATRAP**

Figure 6: Illustration of the 3-Way Protection system.

Targeted Insects

The trap is effective against a wide range of flying insects:

- Mosquitoes
- Biting Flies
- House Flies
- Sand Flies
- Blow Flies
- Drain Flies
- Moths
- No-See-Ums
- June Beetles
- Wasps
- Yellow Jackets
- Stink Bugs

- Gnats
- Biting Midges

WHAT WE CATCH



MOSQUITOES



WASPS



MOTHS



NO-SEE-UMS



BLOW FLIES



JUNE BEETLES



ASIAN BEETLES

***Biting Flies, House Flies, Sand Flies, Drain Flies, Flies,
Yellow Jackets, Stink Bugs, Gnats and Biting Midges***



Figure 7: Examples of insects effectively trapped by the device.

Breaking the Breeding Cycle

Continuous operation of the DynaTrap helps to break the insect breeding cycle over time, significantly reducing insect populations in your protected area.

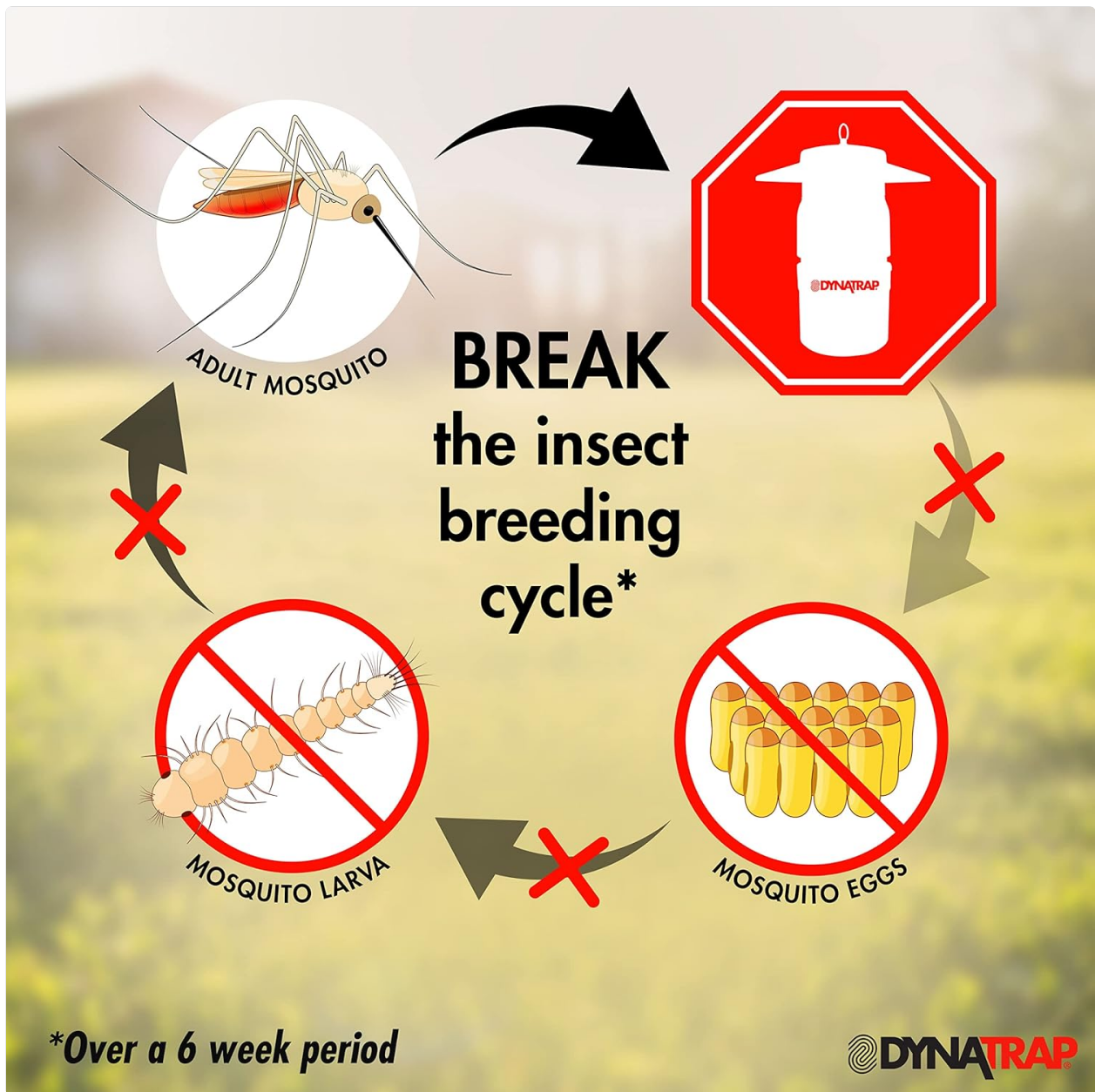


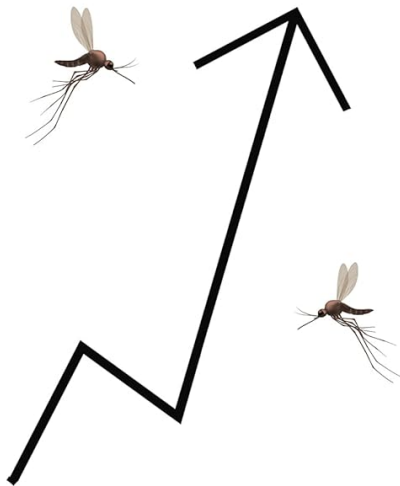
Figure 8: How the DynaTrap helps to break the insect breeding cycle.

Enhancing Catch Rate (Optional)

For increased mosquito catch rates, consider using an Atrakta mosquito lure (Model #100611) with your trap. Replace the lure every 60 days for optimal performance.

INCREASE YOUR MOSQUITO CATCH RATE!

Add Atrakta® to your trap to lure in even more mosquitoes!



Model # 100611



Figure 9: Atrakta mosquito lure for enhanced performance.

5. MAINTENANCE

Cleaning the Catch Basket

The DynaTrap features a see-through design for its retaining cage, allowing you to easily monitor when it needs emptying. To clean, simply twist off the retaining cage and empty the contents. A cleaning brush is included for your convenience.

**SEE-THROUGH
DESIGN**
allows you to see
when basket needs
to be emptied



Figure 10: See-through design of the catch basket for easy monitoring.

UV Bulb Replacement

The UV bulb is designed for low maintenance and should be replaced approximately every 3,000 hours of operation, or every 4 months, to maintain optimal insect attraction.

LOW MAINTENANCE BULBS

replace every 3,000 hours (or 4 months)



Replacement bulb model #41050



Figure 11: Replace UV bulbs every 3,000 hours or 4 months.

6. TROUBLESHOOTING

If you experience issues with your DynaTrap DT1050SR, please refer to the following common problems and solutions:

- **Trap is not turning on:** Ensure the power cord is securely plugged into both the trap and a working electrical outlet. Check if the outlet has power.
- **Fan is not working:** If the UV light is on but the fan is not, the fan motor may be faulty. Contact customer support.
- **Low insect catch rate:**
 - Verify the trap's placement is 20-40 feet away from human activity.
 - Check if the UV bulb needs replacement (every 4 months or 3,000 hours).
 - Ensure the catch basket is not full, which can impede airflow.

- Consider using an Atrakta mosquito lure to enhance attraction.
- **Insects escaping:** This model does not have a trap door. If power is interrupted, trapped insects may escape. For models with a trap door feature, consider the DynaTrap XL.

7. SPECIFICATIONS

Attribute	Value
Brand	DynaTrap
Model Number	DT1050
Color	Black
Style	½ Acre Black Trap
Product Dimensions	11.63"L x 11.5"W x 14.13"H
Item Weight	4 Pounds
Number of Pieces	1
Recommended Uses For Product	House
Is Electric	Yes
Target Species	Mosquito
Unit Count	1.0 Count
UPC	043256331221, 043256330507
Manufacturer	Dynamic Solutions/MII Equipment Inc

8. WARRANTY & SUPPORT

For detailed warranty information and customer support, please refer to the official DynaTrap website or the full user manual PDF.

You can download the complete User Manual (PDF) [here](#).