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## Thermacell MR450XA

# Thermacell Portable Mosquito Repeller MR450 User Manual

Model: MR450XA

## 1. INTRODUCTION

The Thermacell Portable Mosquito Repeller MR450 creates a 15-foot zone of protection against mosquitoes, allowing you to enjoy the outdoors without bothersome bites. This device is scent-free, mess-free, and does not use DEET or open flames. It is designed for portability and ease of use in various outdoor settings.



Figure 1: Thermacell MR450 Portable Mosquito Repeller and included components.

Video 1: Learn how Thermacell keeps mosquitoes away, creating a protective zone for your outdoor activities.

## 2. COMPONENTS

Your Thermacell MR450 package includes the following items:

- 1 x Thermacell MR450 Repeller
- 1 x 12-hour Fuel Cartridge
- 3 x Repellent Mats (each lasting up to 4 hours)

Note: A CR2032 battery is required for the ZoneCheck feature (visual indicator) but is not included.

# READY TO GO BOX TROUSSE DE DÉMARRAGE



Figure 2: All items included in the Thermacell MR450 package.

## 3. SETUP

Follow these steps to prepare your Thermacell Repeller for use:

- 1. Insert Repellent Mat:** Remove one repellent mat from its packaging. Slide the mat into the opening at the top of the repeller, beneath the grill.
- 2. Twist in Fuel Cartridge:** Remove the cap from the fuel cartridge. Insert the fuel cartridge into the opening at the bottom of the repeller and twist clockwise until it is fully seated.

# EASY TO USE

# FACILE À UTILISER



Figure 3: Visual guide for inserting the repellent mat and fuel cartridge.

## 4. OPERATING INSTRUCTIONS

To activate the mosquito protection zone:

1. **Turn ON:** Slide the ON/OFF switch to the 'ON' position.
2. **Push START:** Press the 'START' button 2-3 times quickly. You should hear a clicking sound.
3. **Verify Operation:** Look into the small window on the top of the repeller. An orange glow indicates the repeller is working. The ZoneCheck feature will also illuminate when the zone of protection is created.
4. **Placement:** For optimal protection, place the repeller in the center of the area you wish to protect. The full 15-foot zone of protection will be established within 10-15 minutes.

# UNMOSQUITO YOUR LIFE™ DÉ-MOUSTIQUEZ VOTRE VIE



Figure 4: How the Thermacell repellent generates the protection zone.

REPEL MOSQUITOES IN AIR, NOT ON YOUR SKIN  
REPOUSSE LES MOUSTIQUES DANS L'AIR, PAS SUR LA PEAU



Figure 5: The 15-foot mosquito protection zone in action, safe for people and pets.

Video 2: See the Thermacell repeller in various outdoor adventure scenarios.

## 5. MAINTENANCE

To ensure continuous mosquito protection, regular maintenance is required:

- **Repellent Mat Replacement:** Each mat provides up to 4 hours of protection. The mat will turn white when it is exhausted and needs to be replaced.
- **Fuel Cartridge Replacement:** A 12-hour fuel cartridge is included. If the repeller won't stay on or the orange glow is not visible, the fuel cartridge may be empty and needs replacement.

Video 3: Instructions on replacing Thermacell repellent mats and fuel cartridges.

## 6. TROUBLESHOOTING

If you encounter issues with your Thermacell Repeller, consider the following:

- **Repeller Not Staying On:** Ensure the fuel cartridge is not empty. Replace if necessary.
- **Reduced Effectiveness in Wind:** In windy conditions, place the repeller upwind of your desired protection area to allow the repellent to drift over the zone.
- **Protecting Larger Areas:** For areas larger than 15 feet, consider using multiple Thermacell repellents spaced appropriately to create overlapping zones of protection.

Video 4: Useful tips for optimal performance and troubleshooting your Thermacell device.

## 7. SAFETY INFORMATION

**WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**

- Use outdoors only.
- Keep out of reach of children and pets.
- Do not touch the repellent mat directly after use as it will be hot.
- Do not cover the repeller while in use.
- Store in a cool, dry place when not in use.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Thermacell
Model Name	MR-450 (MR450XA)
Color	Gray
Product Dimensions	2.9"L x 1.8"W x 7.6"H
Item Weight	0.4 Pounds
Target Species	Mosquito
Included Components	Mat, Fuel Cartridge
Power Source	Heat-activated (Butane)

## 9. WARRANTY AND SUPPORT

Thermacell stands by its products with a 100% satisfaction guarantee.

- **Warranty:** Your Thermacell product includes an automatic 1-year warranty. You can extend your warranty to two years with product registration.
- **User Guide:** For a comprehensive user guide in PDF format, please refer to the official document: [Thermacell MR450 User Guide \(PDF\)](#).
- **Contact Support:** For further assistance or inquiries, please visit the official Thermacell website or contact their customer support.

