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Thermacell MRPSB

Thermacell Mosquito Repeller Patio Shield User Manual

Model: MRPSB

Brand: Thermacell

INTRODUCTION

The Thermacell Mosquito Repeller Patio Shield is designed to provide effective mosquito protection for outdoor spaces. Utilizing a proprietary formula, this device creates a 15-foot zone of protection, driving mosquitoes away without the need for sprays or lotions applied to the skin. It operates silently and is scent-free, making it ideal for various outdoor activities.

COMPONENTS INCLUDED

Your Thermacell Mosquito Repeller Patio Shield package includes:

- One repeller unit
- One 12-hour fuel cartridge
- Three 4-hour repellent mats



Image: The complete Thermacell Patio Shield package, including the repeller unit, a 12-hour fuel cartridge, and three 4-hour repellent mats.

SETUP INSTRUCTIONS

1. **Insert Repellent Mat:** Remove one 4-hour repellent mat from its packaging. Slide the mat into the opening beneath the grill on the top of the repeller unit.
2. **Insert Fuel Cartridge:** Remove the cap from the 12-hour fuel cartridge. Insert the cartridge into the opening at the bottom of the repeller unit and twist clockwise until it is securely tightened.
3. **Activate the Repeller:** Rotate the base of the repeller from the "OFF" position to the "ON" position. Then, click the "START" button several times until you see an orange light glowing in the indicator window, confirming the unit is active.

4. **Placement:** For optimal protection, place the repeller in the center of the area you wish to protect. Allow approximately 10-15 minutes for the 15-foot zone of protection to fully establish.

EASY TO USE



Image: A visual guide demonstrating the three simple steps to set up and activate the Thermacell Patio Shield.

OPERATING THE DEVICE

Once activated, the Thermacell Patio Shield will silently create a mosquito protection zone. The repellent mats are designed to last up to 4 hours each, and the fuel cartridge provides up to 12 hours of operation. The repellent mats will change color from blue to white when they are depleted and need to be replaced. To turn off the device, simply rotate the base from the "ON" position back to the "OFF" position.

REPEL MOSQUITOES IN AIR, NOT ON YOUR SKIN



Image: Illustration of the 15-foot mosquito protection zone created by the Thermacell device, allowing people and pets to enjoy outdoor spaces.

How It Works

The Thermacell Patio Shield operates by heating a repellent-infused mat. A compact fuel cartridge provides the heat source. As the mat is heated, it releases a synthetic compound derived from the chrysanthemum flower into the air. This compound creates a 15-foot zone that disrupts mosquitoes' nervous systems, causing them to fly away without harming them. This method provides consistent protection that does not weaken over time, offering an effective alternative to skin-applied bug sprays.

HOW IT WORKS



Image: A cutaway diagram showing the internal mechanism of the Thermacell unit, explaining how the fuel cartridge heats the mat to release repellent.

MAINTENANCE

Regular maintenance ensures optimal performance of your Thermacell Mosquito Repeller Patio Shield.

- **Replacing Repellent Mats:** Each repellent mat provides up to 4 hours of protection. When the mat turns completely white, it indicates that the repellent has been fully diffused and the mat needs to be replaced. Ensure the unit is turned off and cooled before replacing the mat.
- **Replacing Fuel Cartridges:** Each fuel cartridge provides up to 12 hours of heat. When the cartridge is empty, it will no longer produce heat to activate the repellent mat. Replace with a new Thermacell 12-hour fuel cartridge.
- **Cleaning:** Keep the unit clean and free of debris. Do not submerge the unit in water.

READY TO GO BOX



Image: The Thermacell Patio Shield shown alongside its 12-hour fuel cartridge and three 4-hour repellent mats, illustrating the replaceable components.

TROUBLESHOOTING

If your Thermacell Mosquito Repeller Patio Shield is not functioning as expected, please refer to the official [Troubleshooting Guide \(PDF\)](#) for detailed solutions.

General tips:

- Ensure the fuel cartridge is properly inserted and tightened.
- Verify that the unit is in the "ON" position and the orange indicator light is glowing.
- Check if the repellent mat has turned white, indicating it needs replacement.
- Avoid using the device in strong winds, as this can reduce the effectiveness of the protection zone.

SPECIFICATIONS

Feature	Detail
Product Dimensions	4 x 4.3 x 9.3 inches
Item Weight	9.6 ounces
Item Model Number	MRPSB
Manufacturer	Thermacell Mosquito Repellents, Inc.

Scent	Scent Free
Material Feature	No Spray Mosquito Repellent
Country of Origin	Thailand

WARRANTY AND SUPPORT

The Thermacell Mosquito Repeller Patio Shield comes with an automatic 1-year warranty. You can extend the warranty to 2 years with product registration.

For further assistance, please refer to the official [User Manual \(PDF\)](#) or [User Guide \(PDF\)](#).

For direct support, visit the [Thermacell Store on Amazon](#).