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› Thermacell Rechargeable Adventure EX-Series EX90 Mosquito Repellent User Manual

Thermacell EX90

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INTRODUCTION

The Thermacell Rechargeable Adventure EX-Series EX90 provides a 20-foot zone of mosquito protection. This device is designed for outdoor use, offering a scent-free alternative to traditional bug sprays. It operates on a rechargeable lithium-ion battery and utilizes a proprietary repellent formula to create a protective barrier against mosquitoes.



Image: The Thermacell EX90 device in an outdoor setting, illustrating its 20-foot mosquito protection zone.

SAFETY INFORMATION

This product is for outdoor use only. Keep out of reach of children. The active ingredient is Metofluthrin (5.50%), with other ingredients (94.50%) including Petroleum Distillate. Always follow all instructions and warnings on the product label.



PEOPLE AND PET FRIENDLY

Repels mosquitoes, including those that may transmit EEE, Chikungunya, West Nile Virus, Dengue and Zika Virus.

Image: The Thermacell EX90 device positioned near a person with a dog, emphasizing its people and pet-friendly design.

WHAT'S IN THE BOX

Your Thermacell Rechargeable Adventure EX-Series EX90 starter pack includes the following components:

- 1 x EX90 Repeller Unit
- 1 x 12-Hour Repellent Refill
- 1 x Carabiner
- 1 x Lanyard
- 1 x USB Charging Cable

STARTER KIT

Ready to use

1 REPELLER



1 REFILL 12 HOURS MOSQUITO PROTECTION



1 LANYARD AND CARABINER



1 USB CHARGING CABLE



Image: A visual representation of the Thermacell EX90 starter kit contents.

SETUP INSTRUCTIONS

1. **Charge the Device:** Before first use, fully charge the EX90 repeller using the provided USB charging cable. The device has a 9-hour run time on a full charge.
2. **Insert Repellent Refill:** Remove the cap from the repellent refill. Open the top of the EX90 repeller unit and insert the refill into the designated slot. Ensure it is seated properly.
3. **Close the Device:** Securely close the top of the repeller unit.

Your browser does not support the video tag.

Video: A demonstration of how the Thermacell device works, including refill insertion.

Your browser does not support the video tag.

Video: An overview of the Thermacell E-Series Rechargeable Repeller, demonstrating its 20-foot mosquito protection zone.

HOW IT WORKS

**PUSH BUTTON
TO ACTIVATE HEAT**

**PROPRIETARY
FORMULA
CREATES ZONE
OF PROTECTION**

**TARGETS
MOSQUITO SENSORS
TO KEEP THEM
OUT OF ZONE**



Image: A cutaway diagram showing the internal components and operational principle of the Thermacell EX90.

OPERATING INSTRUCTIONS

1. **Activate the Device:** Press the power button to turn on the repeller. The device will begin heating the repellent.
2. **Placement:** For optimal performance, place the repeller in the center of the area you wish to protect. The device will reach maximum protection within 15 minutes.
3. **Protection Zone:** The EX90 creates a 20-foot zone of mosquito protection. Effectiveness may be reduced in strong winds.
4. **Deactivation:** Press the power button again to turn off the device when protection is no longer needed.

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Video: A user demonstrating the Thermacell mosquito repellent in use on a patio.

MAINTENANCE

- **Refill Storage:** When not in use, ensure the cap is placed back on the repellent refill to prevent evaporation. Store partially used refills in a sealed bag to maintain effectiveness.
- **Cleaning:** Wipe the exterior of the device with a damp cloth as needed. Do not submerge the device in water.
- **Charging:** Charge the device within a day or two of intended use, as the battery may slowly drain when sitting unused.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not turning on	Low battery or device malfunction.	Ensure the device is fully charged. If the issue persists, contact customer support.
Reduced mosquito protection	Strong wind, expired refill, or incorrect placement.	Relocate the device to a less windy area. Replace the repellent refill if it is empty or old. Ensure the device is placed centrally in the desired protection zone.
Refill appears to be leaking or evaporating quickly	Refill cap not secured or improper storage.	Always replace the cap on the refill when not in use. Store refills in a cool, dry place, preferably in a sealed bag.

SPECIFICATIONS

- **Model Number:** EX90
- **Brand:** Thermacell
- **Scent:** Fragrance Free
- **Item Volume:** 0.33 fluid ounces (per refill)
- **Battery Life:** Up to 9 hours (rechargeable lithium-ion)
- **Protection Zone:** 20 feet
- **Weather Resistance:** IP54 rated
- **Active Ingredient:** Metofluthrin
- **UPC:** 843654007281

WARRANTY AND SUPPORT

Thermacell offers a 2-Year Limited Warranty on this product. We stand behind the performance and quality of our products. If you are not satisfied with your purchase, you may return it for repair, replacement, or refund.

For further assistance or to claim warranty service, please contact Thermacell customer support at service@thermacell.com.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question