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› [Thermacell Mosquito Repellent Rechargeable Adventure EX-Series EX90; Patio Shield with 9-Hour Battery, Includes 12-Hour Refill, Rubber Armor & Carabiner; Scent Free Bug Spray Alternative Repeller](#)

Thermacell EX90GREY

Thermacell Mosquito Repellent EX-Series EX90 User Manual

Model: EX90GREY

Brand: Thermacell

INTRODUCTION

The Thermacell EX-Series EX90 is a rechargeable mosquito repellent device designed to provide a 20-foot zone of protection. It offers a scent-free, spray-free alternative to traditional bug repellents, ideal for various outdoor activities.

Key Features

- **MOSQUITO PROTECTION THAT WORKS:** Thermacell effectively keeps mosquitoes up to 20FT away. Works fast, get max protection in 15 minutes. Portable device is ideal for backyard, poolside, camping, and beyond. Allowed to bring on airplanes.
- **EFFECTIVE 20FT ZONE TECHNOLOGY:** Engineered to precisely diffuse repellent, creating a 20-foot zone of mosquito protection. Consistent repellent protection won't weaken over time. Rechargeable lithium-ion battery works for 9 hours.
- **REPEL MOSQUITOES IN AIR, NOT ON YOUR SKIN:** Repel mosquitoes without DEET sprays or lotions on your skin. Long lasting repellent cartridges are easy to replace. Scent-free, no smoke, no flames.
- **PROPRIETARY FORMULA:** Independently tested and EPA reviewed for safety & effectiveness. Repels tough mosquitoes, including those that may transmit Encephalitis, West Nile Virus, and Zika Virus. People and pet friendly. For outdoor use only.
- **DESIGNED FOR THE ADVENTURER:** The EX90 is portable and easy to hang from a tree or tent. Durable and compact with an easy to grip rubber over-mold, it features a spill-proof locking mechanism and an IP54 rating to protect against water and dust. Travel-ready size, weather resistant and consistent performance at any elevation.



The Thermacell EX90 Mosquito Repellent device and its packaging.

REPEL MOSQUITOES IN AIR, NOT ON YOUR SKIN



People & Pet Friendly

The Thermacell EX90 creates a 20-foot zone of mosquito protection, ideal for outdoor gatherings.

SAFETY INFORMATION

For Outdoor Use Only. Keep out of reach of children.

Ingredients

Active Ingredient: Metofluthrin (5.50%); Other Ingredients: (94.50%): Total (100.00%), Contains Petroleum Distillate.

SETUP

Unboxing and Initial Charge

Your Thermacell EX90 comes with everything you need to get started. Before first use, ensure the device is fully charged using the provided USB cable.



The Thermacell EX90 package includes the repeller unit, one 12-hour repellent refill, a charging cable, and a lanyard with carabiner for portability.

This video demonstrates the ease of replacing repellent refills, highlighting the long-lasting nature of Thermacell refills.

OPERATING INSTRUCTIONS

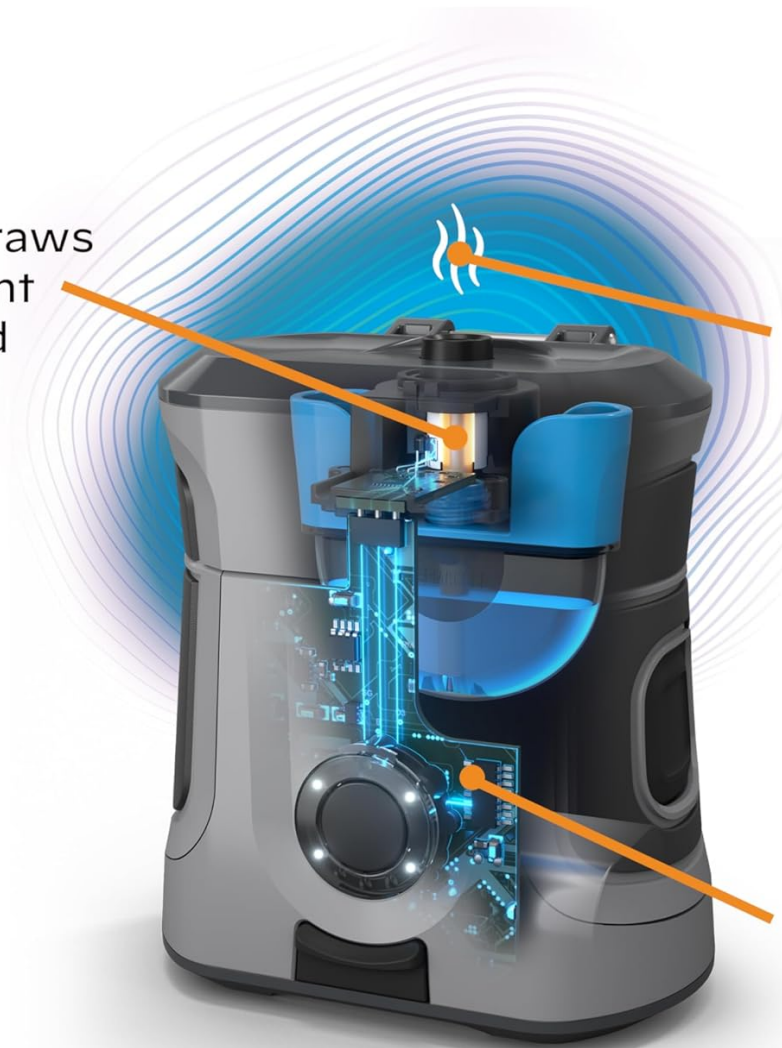
Inserting the Repellent Refill

1. Remove Repellent Refill Cap.
2. Insert Repellent Refill into the device.

HOW IT WORKS

2.

Heat draws repellent upward



Repellent diffuses to form zone, keeping mosquitoes away

1.

Rechargeable battery powers heater

Follow these steps to correctly insert the repellent refill into your Thermacell EX90. Ensure the refill cap is removed before insertion.

Activating the Device

3. Press Power Button To Turn On.
4. Place In Center Of Area, Enjoy Max Protection In 15 Minutes.

READY TO GO BOX



The device works by heating the repellent, which then diffuses to create a protective zone. Allow 15 minutes for the zone to fully establish.

This video demonstrates the simple process of inserting the repellent and activating the Thermacell device.

MAINTENANCE

To ensure optimal performance and longevity of your Thermacell EX90, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the exterior of the device with a damp cloth as needed. Do not submerge the device in water.
- **Storage:** When not in use, store the device and repellent refills in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the repellent refill cap is replaced after use to prevent evaporation.
- **Refill Replacement:** Replace repellent cartridges when empty. Only use genuine Thermacell refills.

UNMOSQUITO YOUR LIFE



Always ensure genuine Thermacell refills are used for best results and to maintain product warranty.

TROUBLESHOOTING

If you encounter issues with your Thermacell EX90, try the following common solutions:

Problem	Possible Cause	Solution
Device not turning on	Low battery; Incorrect refill insertion	Charge the device fully; Ensure refill is properly seated
No repellent visible/Mosquitoes present	Empty refill; Windy conditions; Device not heated up	Replace refill; Move device to a less windy area; Allow 15 minutes for full zone establishment
Lights not illuminating	Device off; Battery depleted	Press power button; Charge device

For further assistance, refer to the official user guide or contact Thermacell customer support.

SPECIFICATIONS

Feature	Detail
Model Name	Rechargeable Repeller
Model Number	EX90GREY
Brand	Thermacell
Item Package Dimensions L x W x H	8.82 x 6.18 x 3.27 inches
Package Weight	0.46 Kilograms
Item Dimensions LxWxH	5.9 x 3 x 6 inches
Color	Grey
Material	Rubber
Battery Life	9 hours (rechargeable lithium-ion)
Repellent Refill Duration	12 hours (included)
Protection Zone	20 feet
Scent	Fragrance Free
Water Resistance	IP54 Rated
Manufacturer	Thermacell Mosquito Repellents, Inc.
Country of Origin	Thailand

WARRANTY AND SUPPORT

Warranty Information

The Thermacell EX90 comes with an automatic 2-year limited warranty. You can extend the warranty to 3 years with product registration. Refer to the packaging for full details on the Thermacell Guarantee.

Additional Resources

For a comprehensive user guide, please download the PDF:[User Guide \(PDF\)](#)

Visit the official Thermacell Store for more products and support: [Thermacell Store](#)