

[OUTER CARTON]

**Thermacell® PATIO SHIELD MOSQUITO PROTECTION  
REPELLENT**

DOMESTIC

READ THE LABEL AND LEAFLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

GUARANTEE: (d-cis/trans allethrin) ..... 21.97%

REG. NO. 31994 P.C.P. ACT

WARNING

CAUTION



POISON

EXPLOSIVE

Contains:

[Number] Reusable Appliance

[Number] Butane Cartridge(s)

Net Weight 12 gm. each

[Number] Insect Repellent Mat(s)

Net Weight 2.07 gm. (0.07 oz.) Each

Thermacell Repellents, Inc.

26 Crosby Drive

Bedford, MA 01730 USA

Telephone: 781-541-6900

Manufactured in Thailand [Philippines]

Mats made in Italy

[Picture of Thermacell Unit

Team Realtree® and Realtree Hardwoods Green®]

Canadian Patent No. 2,227,419, U.S. Patent No. 5,700,430; D300,606; D423,071; 6,033,212 - Other Patents Pending  
Thermacell® is a Registered United States Trademark of Thermacell Repellents, Inc.

Device is interchangeable with appliance and repeller throughout.

[ ] Denotes alternate/optional verbiage

{ } Denotes verbiage not printed on market labeling

Strikethrough = removed text ; High lights = new / replacement text

*Note that some optional text may not appear on the "OUTER CARTON" label due to space constraints. In those cases it will appear on the "LEAFLET" label, which will be packaged inside the carton as an insert. In cases where the carton is of sufficient size, either no insert will be included or the insert will omit optional text.*

## **PRODUCT INFORMATION: NEW! Thermacell® PATIO SHIELD MOSQUITO PROTECTION**

Thermacell® Patio Shield Mosquito Protection alleviates the annoyance from mosquitoes by repelling and killing mosquitoes and reducing the number of bites in an area as large as an average-size deck or patio (up to 4.5 meters from the product) for up to four hours. This product is portable and can be taken anywhere you expect annoying mosquitoes to be a problem.

### **RETAIN PACKAGING FOR FUTURE REFERENCE**

[Useful Tips:] {each tip below is optional as space allows }

- Allow 30 minutes, depending upon the size of the area, for product to take effect [and repel mosquitoes].
- This product works [well] [best] in outdoor areas where there is minimal air movement, such as [decks], [unenclosed porches], [patios] [yards] [unenclosed hunting stands] and [outdoor campsites].
- [Product may be used for camping [and hunting].]
- Use one repeller for [21.0 square metres] [an area 4.5 x 4.5 metres] [or 4.5 metres in diameter] [4.5 metres]. [Use additional devices to cover a larger area.]
- Each [Thermacell] mat lasts a maximum of 4 hours [and each Thermacell® butane cartridge lasts a maximum of 12 hours].
- Provides a maximum of 4 hours repellency per mat.
- [Original] [Mats provide [a maximum of] [up to] 4 hours repellency per mat [and turn from pale blue to white when repellent [active ingredient] [is] has been [exhausted] [used up] [depleted].]
- Mats turn from pale blue to white when [repellent] [it] [active ingredient] [is] [has been] [exhausted] [used up] [depleted] [and needs to be replaced].
- [If your device [repeller] fails to heat, it may be out of fuel. Check the fuel level by holding the cartridge vertically and looking at the fuel level. You can see the amount of butane in the cartridge. Replace if empty.]
- [Some visible vapor will appear during use; this is normal]
- [Use additional repellents to cover a larger area.]
- Altitudes [above 1500 m] [can] [may] affect product performance
- [Butane [cartridge]] [canister(s)] works best in [at] altitudes under 1500 metres. High altitudes may affect performance.
- Position multiple devices [as needed] [every 4.5 metres] to protect a larger [patio][area].
- Keep [canister port] [fuel interface] [rubber] [plastic] [cap] [cover] [in place] [when not in use].

**DIRECTIONS:** Alleviates the annoyance from mosquitoes by repelling and killing mosquitoes and reducing the number of bites in an area up to 4.5 meters from the product (as large as an average-size deck or patio) for up to four hours. Effect is **not** immediate. For best results, allow 30 minutes for product to take effect. This product works well in outdoor areas where there is minimal air movement, such as decks, porches, patios and yards. Use one device per each 21.0 square meters (an area 4.5 x 4.5 meters or 15' x 15'). Use more devices in larger areas, spacing them to ensure adequate coverage. Wind, heat or humidity may affect the performance of this product. Appliance and mat effectiveness may be diminished if exposed to rain.

1. Remove one Thermacell repellent mat from wrapper
2. Make sure the ON/OFF switch is on the OFF position. Insert the mat under the repeller's grill. To change mats, [slide][turn] the ON/OFF switch to OFF and allow the repeller to cool completely. Push the used mat out by inserting a fresh one.
3. Remove the repeller [cover] [cap]. Remove the cap from the cartridge.
4. Screw the cartridge into the opening of the repeller, turning it clockwise until it stops. Replace the repeller [cover][cap]. [If your repeller fails to heat, it may be out of fuel. To check the fuel level, hold the repeller vertically and look through the slot on the back of the repeller. You can see the amount of butane left in the cartridge. Replace if empty.]
5. [Slide] [turn] the ON/OFF switch to the ON position, the butane gas will begin to flow.
6. Wait approximately 5 to 10 seconds then depress the start button [three to five times][once][as needed] [in rapid succession].

To use the [Zone] [Protection] [Zone of Protection] indicator [light]:

1. [Remove the battery tab prior to first use.] [To install [replace] battery.] Remove [side] [rear] battery compartment cover. Insert [#] [supplied] [not] [included] [battery type] battery into compartment. Replace battery compartment cover
2. [The [Zone] [Protection] [Zone of Protection] indicator [light] will automatically illuminate once the repeller begins to [heat the mat] [create the Zone [of Protection]] It [will] [may] take 30 minutes for the zone to completely form. Light will turn off when the mat is no longer being heated [indicating repeller may require restarting] [or] [butane replacement] [or] [battery needs replacement].]

3. The repeller can be used without the [Zone] [Protection] [Zone of Protection] indicator feature.

When finished using the repeller, slide [turn] the 'ON/OFF' switch to the 'OFF' position, and allow the repeller to cool completely. Repeller is now ready for storage.

Use Restrictions:

Only for outdoor use as an insect repellent. Do not use indoors, in tents or in any enclosed area. Do not insert anything other than Thermacell® mats into the repeller. Cover or remove all exposed food. Do not leave repeller unattended or use in windy conditions. Do not expose repeller(s) or mats to rain. [Do not attach repeller to your body or clothing.] [When using repeller stand,] Place repeller on a flat, stable surface with the grill facing upward. [Press the on-off button to the 'OFF' [out] position when not in use.] Do not touch the grill; it will be hot after a couple of minutes. Clean with a damp cloth only when the repeller is cool and inactive. Butane cartridges other than Thermacell® cartridges will not work in this repeller. [Only Thermacell® mats and cartridges will work in this repeller.]

Troubleshooting {this section will appear, as appropriate, at the end of directions for use for the individual device }

1. If you do not see an orange glow [through view window]
2. Repeat directions "To Turn ON"
3. If there is still no orange glow visible [in the view window], make sure the [fuel][source][canister][cartridge] is completely screwed into place. Repeat "Turn On" directions. Confirm the orange glow is visible.
4. Check the amount of fuel in the cartridge. If cartridge is empty or near empty, remove cartridge and replace with a new [Thermacell®][cartridge]. [Then] Repeat "Turn On" directions. Confirm the orange glow is visible.
5. [Canister] [cartridge] [may not work] [is less effective] at elevations over 1500 m.
6. The bottom [rubber] [plastic] [cover] [cap] [plug] [lid][door] must be in place and properly closed to allow the fuel to flow.
7. [Mosquitoes still [around] [present] [Not sure [it's][product is] working] [Is the product working]
8. Place product upwind for maximum repellency. Windy conditions can reduce [product name] [repellent] effectiveness.
9. Check the [repellent] mat. Mats turn from pale blue to white when repellent has been [exhausted][used up][depleted][need to be replaced]. See directions to replace [change] [Thermacell][repellent] mat
10. Check the amount of fuel in the cartridge. If cartridge is empty or near empty, remove cartridge and replace with a new [Thermacell][cartridge]. [Then] Repeat "Turn On" directions. Confirm the orange glow is visible [through view window]
11. Still have questions? Call customer service at 1-781-541-6900 or email Service@thermacell.com.

**PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN AND PETS.** Harmful if inhaled. Avoid breathing vapors. For outdoor use as an insect repellent only. Do not use indoors, in tents or any enclosed area. Do not touch the grill while the appliance is in use. The grill is hot while in use. Do not insert anything other than the mat into the appliance. Place appliance on a flat, stable surface with the grill facing upward. Do not cover with any material while in use. Clean with a damp cloth only when the device is cool and inactive. Store unused mats in the original packaging in a cool, dry place inaccessible to children and pets. Store appliance and butane cartridges in a cool, dry place away from sources of heat. Harmful or fatal if swallowed. May be harmful if absorbed through skin. Avoid contact with skin and clothing. Wash hands with soap and water after use. Cover exposed food.

Device contains flammable butane. Do not use near sparks or open flames. Do not insert anything other than the mats in the grill. Do not allow mat to come into contact with other substances. Cartridges contain pressurized butane. Protect the butane cartridges from sunlight. Do not expose them to temperatures above 50°C (120°F). Do not pierce, break or incinerate butane cartridges, even after use. Butane cartridges other than Thermacell® cartridges will not work in this appliance. Seller will not be held responsible for damage, injury or poor performance caused by use of other butane cartridges or repellent mats.

This pesticide is highly toxic to fish. Do not apply directly to water. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites.

#### **FIRST AID:**

If inhaled, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice. If swallowed, call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice. If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Contains petroleum distillates. Treat symptomatically. Vomiting may cause aspiration pneumonia.

**STORAGE:** DO NOT contaminate food/feed by storage.

**DISPOSAL:** Do not reuse empty envelopes. Wrap used mats and butane cartridges and place in household trash. Do not incinerate cartridges. Unused or partially used products should be disposed at provincially or municipally designated hazardous waste disposal sites.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

{Marketing Language – may be added to marketing label}

{Basic Information}

1. [Mosquito] [protection] Repellent you don't spray on
2. Mosquito repellent without spray!
3. Protection without spray
4. Easy to use
5. Effective
6. Portable
7. Lightweight [and] [Convenient] [and] [silent]; [Silent] [and] [Portable]
8. Quiet. No fan, no noise
9. Clean, simple, easy to use.
10. Easy on – no fluid, no matches, no mess
11. [Virtually] [No odor] [No scent] [Scent-free] [odor free] [no unpleasant odor]
12. No open flame
13. Powered by Thermacell®
14. [Powerful] [Effective] Mosquito Repellent System
15. Works in minutes, lasts for hours
16. Create your own [mosquito protection] [zone] [area]
17. Advanced Mosquito Protection
18. Advanced [Mosquito] [Repellent] [Defense] [Protection] [Zone]
19. [Zone] [Area] Mosquito Defense
20. [This package] [Package] contains
21. [#] hour pack includes [#] butane cartridges and [#] mats
22. Other [Thermacell®] products

{Repellency/Area Coverage}

23. Provides 21.0 square metres (an area 4.5 x 4.5 metres or 15' x 15') [area of] repellency [, the size of an average deck].
24. Provides 21.0 square metres (an area 4.5 x 4.5 metres or 15' x 15') of repellency for a maximum of 4 hours per mat
25. Use [more] [#] [multiple] [devices] [to cover [protect] your whole yard [larger area] [campsite]
26. Protect your entire yard with Thermacell
27. Each device [unit] provides up to 21.0 square metres (an area 4.5 x 4.5 metres or 15' x 15') feet of protection
28. Use [#] devices [products] [units] to protect a larger [greater] area
29. Use [#] devices to protect a [#]m x [#]m area
30. Repels [mosquitoes]
31. Provides [4.5 x 4.5 m] [4.5 m] [Zone of Protection] [zone of repellency].
32. Proven [large], [wide] [broad] [area] [Coverage] [Repellency] [protection] [from] [against] mosquitoes
33. [Mosquito Zone Protection] Protects [protection] [from mosquitoes] up to [4.5 x 4.5 m] [4.5 m]
34. Effective [protection] [Coverage] [repellency] [from] [against] mosquitoes

{How it [Thermacell®] Works}

35. Thermacell® [power] [Butane] Cartridge – [heats repellent mat and] lasts [a maximum of 12] [up to {#}] hours.
36. Heat-activated repellent mat repels mosquitoes
37. Thermacell® cartridge heats the repellent mat; repellent is released creating [a zone] [an area] of repellency
38. Heat[ed] [activated] [mat releases] [repellent] [into the air] [creating] [creates] [4.5 x 4.5 m] [4.5 m] [area of repellency] [mosquito protection zone] [from mosquitoes]
39. Repels mosquitoes [using] a heat-activated repellent mat

{Batteries}

40. Do not mix old and new batteries.
41. Do not mix alkaline, standard or rechargeable batteries.

{Product Features}

42. Water [weather] resistant
43. Durable [rubber] [ and] [ABS] construction
44. Impact resistant [construction] [material]
45. Integrated [rail][clip][clamp][molle] [accessory][mounting] system

- 46. [Rubber][comfort] [grip] [handle] [base] [armored]
- 47. Rubber over mold [base] [prevents sliding]
- 48. [Protective][Zone][of Protection] [Blue] [Indicator] [light] [tells you] [shows you] [it's working]
- 49. [improved] [tethered] [hinged] end cap
- 50. [Sling] [strap] [cap] keeps the cap [attached][handy]
- 51. [Hinged][attached][integrated][connected][improved] End Cap [won't drop] [won't get lost]
- 52. [Quieter][muted] [ON] [ignition] [igniter] [and] [start] [switch(s)] [start up]
- 53. [Includes][convenient][water-resistant] [protective][nylon][carry][bag][sack][sleeve] [included] [sold separately]
- 54. [muted][quiet][silent] Ignition [system][trigger][button][switch]
- 55. [sturdy] [rugged] [reinforced] [integrated] [carry] tab [lets you] [attach] [hook up] [to gear] [easily] when not in use. Attachment is for transportation only.
- 56. Travel bag [included][sold separately]
- 57. Redesigned Grill
- 58. Quiet operation
- 59. Compact [design] [size]: [#] mm/ [#] in [H] [tall] [high] [height] x [#] mm/ [#] in [W] [wide] [width] [#] mm/ [#] in [L] [long] [deep] [depth]
- 60. Dimensions [actual size]: [x] [mm]/[ˆ] high; [x] [mm]/[inches] [diameter]
- 61. [weighs] [less than] [x] grams [with][without] [batteries]

{The Packaging and instruction leaflet will 'talk to the consumer' more than we currently do:}

- 62. Welcome to the Thermacell Family
- 63. The outdoors is waiting [for you]
- 64. Don't forget to [pack] [take] your [Thermacell] [along]
- 65. [Our mission is to] [Thermacell Repellents] Liberate people who love the outdoors from the harmful effects of mosquitoes
- 66. An insect repellent as tough as you [are]
- 67. [Hunters'] [Campers'] [Hikers'] [best][favorite] [repeller][tool][gadget][must-have]
- 68. More [fun][adventure][experience], less mosquitoes
- 69. Essential gear for [your] [perfect] [ideal] [adventure] [campsite] [lifestyle]
- 70. [Discover][rediscover] the outdoors
- 71. [Mosquito] Protection for you, not on you.
- 72. [No [unpleasant] odor] [No scent] [Scent-free] [odor free] [No smell]
- 73. [No spray(s)] [No lotions(s)] [No mess] [No noise] [No sound]
- 74. [Portable] [durable] [design] [with the journey in mind]
- 75. [Be invisible]
- 76. [Stay focused and undetected in the woods WITHOUT MOSQUITOES]

{Active Ingredient}

- 78. [Active ingredient] [Thermacell [Mats] [repellent] contain(s)] [Repellent] [is] a copy of the naturally occurring ingredient found in chrysanthemum(s) [flowers].
- 79. [Professionally] Tested for effectiveness.
- 80. Award Winning [Device] [mosquito repellent]

{Product Descriptors}

- 81. {marketing names for devices, words may be combined or used alone} Mosquito Repeller, Realtree [AP] [APG] [Xtra Green] , Woodland[s], RedHead, True Timber, Timberland [repeller] Hike(ing), Guard, Gladiator, 300, Shield, New Generation, Pro, ProTerra, Pro(#), Trek, MR4, Hex, Grid, Frontier, Revolution, Radius, Pro Cal[iber], Expert, Endurance, Mighty, Trail, Touring, MX, X[#], T[#], M[#], MR[#] [Woodlands] [Explorer] [Deluxe] [elite] [ select] [Plus] [premium] [ultra] [Max] [Maximum] Extreme] [extreme outdoor], Basecamp, Hiker, Trail, Tour, Trek, Trekker, series
- 82. Ideal for use in [Hunting] [Camping] [Backyard] [Patio] [Fishing] [RV] [Gardening] [DIY]
- 83. Team Realtree logo [America's Most Versatile Camo Pattern]
- 84. Realtree Hardwoods Green HD logo
- 85. Realtree Xtra Green
- 86. Redhead Logo
- 87. True Timber HTC Green logo

{Refill Statements}

88. [Value Pack] [Bonus Pack] [Mega Pack] [# total hours of [mosquito] [protection][against mosquitoes] [contains][#] [#-hour mats] [and [#] #-hour fuel cartridge(s)]
89. {marketing descriptor for mats}: Thermacell Mats, Mosquito Mats, ThermaMats, T-Mats, ZoneMats, [15x15] Zone Mats, T-Zone Mats, Super Zone Mats, X-Zone Mats, Original
90. {marketing descriptor for cartridges}: Thermacell Fuel, Thermacell Cartridge, ThermaFuel, T-Fuel, T-Cell, Thermacell PowerCell, T-Pack, FuelPod, PowerPod, Power Cartridge, #-hour Cartridge
91. [Value Pack] [Bonus Pack] [Mega Pack] [24-hour pack] [48-hour pack] [120-hour pack] {and so on depending on size of package} [#] [mats] [=] [#-hours of protection] [against mosquitoes]
92. [Patio] [Summer] [Weekend] [Camp] [value] pack [#-hours of mosquito repellency] [#] [#]-hour mats]
93. Thermacell Mosquito Refills [available] in [original] 4 hour mats]
94. [4 hour mats provide] [Mosquito] Protection [Against Mosquitoes]
95. [limited time offer] [special offer] [bonus][free][Extra]
96. [#] [holster][molle bag][belt clip][LED light][tree hanger][clamp] [inside]
97. [Original] [4] hour mat(s) [and butane] [included][FREE][Inside]
98. [Limited Time] [Bonus][Offer] [Special]
99. FREE INSIDE
100. Refills Available [Single Pack] [Value Pack] [Mega Pack] [# Hour Refill] [original]
101. [Thermacell] Refills [can] [may] be used in [fit] [any] [all] Thermacell Mosquito Repellent product[s]
102. [#] repellent mats [provide] [=] [work for] [repel for] [#] hours [of repellency]
103. # hours [of ][total] [protection]. # repellent mats [lasting] # hours each
104. [Value Pack] [Mega Pack] Total # hours of [repellency] [protection].
105. [Each] [butane] cartridge lasts a maximum of 12 hours
106. Each mat lasts a maximum of 4 hours

{Warranty}

107. [Thermacell is guaranteed to give ]100% satisfaction [for [#] years from purchase]
108. If you do not love your Thermacell you may return it for a full refund.
109. If Thermacell does not perform to your satisfaction, you may return it [to us] for repair, replacement or [full] refund – [your choice].

[MAT]

**Thermacell® PATIO SHIELD MOSQUITO PROTECTION  
INSECT REPELLENT MAT**

DOMESTIC

READ THE LABEL [AND LEAFLET] BEFORE USING

KEEP OUT OF REACH OF CHILDREN

GUARANTEE: (d-cis/trans allethrin) ..... 21.97%

This insect repellent mat is to be used only with Thermacell products:

Reg. Nos. 27878, 28367, 28368, 28834, 28835, 29107, 31738, 31994, 31998, 32022, 32023, 32024, 32025, 32043 P.C.P. Act

WARNING



POISON

[Number] Insect Repellent Mat(s)  
Net Weight 2.07 gm. (0.07 oz.) Each

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Bedford, MA 01730 USA  
Telephone: 781-541-6900

Made in Italy

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**[CARTRIDGE]**

**Thermacell® PATIO SHIELD MOSQUITO PROTECTION  
KEEP OUT OF REACH OF CHILDREN  
Thermacell® Butane Cartridge**

DANGER: Contains Butane. Contents under pressure. Do not puncture or incinerate. Do not use near sparks or open flames, store at temperatures above 50°C (120°F) or expose cartridge to prolonged sunlight. Keep cartridge out of children's reach. This cartridge is to be used only with Thermacell products: Reg. Nos. 27878, 28367, 28368, 28834, 28835, 29107, 31738, 31994, 31998, 32022, 32023, 32024, 32025, 32043P.C.P. Act. Seller is not responsible for damage caused by using this butane cartridge in other butane products.

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EXPLOSIVE

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**[APPLIANCE]**

**Thermacell® PATIO SHIELD MOSQUITO PROTECTION**

**{Labeling for device top}**

ATTENTION - HOT SURFACE [Insert mat under grill]

**{Labeling for device label}**

DOMESTIC  
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Do not use near fire or flame.

Only for outdoor use as an insect repellent. Do not use indoors, in a tent or any enclosed area. Do not touch the grill while the appliance is in use. Grill is hot while in use. Place on a flat stable surface, grill facing upward. Do not cover with any material while in use. Do not expose appliance to rain. [Butane cartridges and mats other than Thermacell® will not work in this appliance.] [Use only Thermacell refills] [Use only Thermacell cartridges.]

Thermacell Repellents, Inc.

[26 Crosby Drive] Bedford, MA 01730-1402  
781-541-6900

U.S. Patent Nos. 5,700,430; D423,071

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**[REFILL CARTON]**

**Thermacell® PATIO SHIELD MOSQUITO PROTECTION  
REFILLS**

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**PRODUCT INFORMATION:** Thermacell® Patio Shield Mosquito Protection alleviates the annoyance from mosquitoes by repelling and killing mosquitoes and reducing the number of bites in an area as large as an average-size deck or patio (up to 4.5 meters from the product) for up to four hours. This product is portable and can be taken anywhere you expect annoying mosquitoes to be a problem. Simply insert the cartridge and repellent mat and push two buttons [turn the dial and push the button] to start. For use in backyards and other outdoor recreational areas such as patios and decks.

## **RETAIN PACKAGING FOR FUTURE REFERENCE**

[One mat lasts up to four hours. Mat turns from pale blue to white when active ingredient has been exhausted. To change mats, slide [turn] the ON/OFF switch [dial] to OFF and allow to cool completely. Push the used mat out by inserting a fresh one. [Graphics and subtitles will be added to final printed labeling]]

[Please refer to the instruction booklet that came with your device for specific features and directions.]

## **DIRECTIONS:**

### To Use Mosquito Repellent

1. Remove one mat from wrapper.
2. With Thermacell device off and completely cool, insert and center mat under grill.
3. Attach Thermacell device to the power source specified on the device directions.
4. Follow your device directions to activate repellent.

### To Insert Butane Cartridge

1. Remove the cover. Remove the cap from the butane cartridge
2. Screw the cartridge into the opening of the Thermacell. Make sure canister is fully inserted by turning it until it stops. Do not over tighten.
3. Replace the cover.

### To Turn On/ Off

Refer to the device packaging

### To Replace Mosquito Repellent Mat

Make sure device is off and cool; push used mat out by inserting a fresh one.

**PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN AND PETS.** Harmful if inhaled. Avoid breathing vapors. For outdoor use as an insect repellent only. Do not use indoors, in tents or any enclosed area. Do not touch the grill while the appliance is in use. The grill is hot while in use. Do not insert anything other than the mat into the appliance. Place appliance on a flat, stable surface with the grill facing upward. Do not cover with any material while in use. Clean with a damp cloth only when the device is cool and inactive. Store unused mats in the original packaging in a cool, dry place inaccessible to children and pets. Store appliance and butane cartridges in a cool, dry place away from sources of heat. Harmful or fatal if swallowed. May be harmful if absorbed through skin. Avoid contact with skin and clothing. Wash hands with soap and water after use. Cover exposed food.

Device contains flammable butane. Do not use near sparks or open flame. Do not insert anything other than the mats in the grill. Do not allow mat to come into contact with other substances. Cartridges contain pressurized butane. Protect the butane cartridges from sunlight. Do not expose them to temperatures above 50°C (120°F). Do not pierce, break or incinerate butane cartridges, even after use. Butane cartridges other than Thermacell® cartridges will not work in this appliance. Seller will not be held responsible for damage, injury or poor performance caused by use of other butane cartridges or repellent mats.

This pesticide is highly toxic to fish. Do not apply directly to water. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites.

## **FIRST AID:**

If Inhaled, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice. If swallowed, call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice. If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if

present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Contains petroleum distillates. Treat symptomatically. Vomiting may cause aspiration pneumonia.

**STORAGE:** DO NOT contaminate food/feed by storage.

**DISPOSAL:** Do not reuse empty envelopes. Wrap used mats and butane cartridges and place in household trash. Do not incinerate cartridges. Unused or partially used products should be disposed at provincially or municipally designated hazardous waste disposal sites.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

Thermacell® is a Registered United States Trademark of Thermacell Repellents, Inc.

[LEAFLET]

**Thermacell® PATIO SHIELD MOSQUITO PROTECTION**

DOMESTIC

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

GUARANTEE: (d-cis/trans allethrin) ..... 21.97%

REG. NO. 31994 P.C.P. ACT

WARNING

CAUTION



POISON

EXPLOSIVE

Contains:

[Number] Reusable Appliance(s)

[Number] Butane Cartridge(s)

Net Weight 12 gm. each

[Number] Insect Repellent Mat(s)

Net Weight 2.07 gm. (0.07 oz.) Each

Thermacell Repellents, Inc.

26 Crosby Drive

Bedford, MA 01730 USA

Telephone: 781-541-6900

Manufactured in Thailand [Philippines]

Mats made in Italy

[Picture of Thermacell Unit

Team Realtree® and Realtree Hardwoods Green®]

Canadian Patent No. 2,227,419, U.S. Patent No. 5,700,430; D300,606; D423,071; 6,033,212 - Other Patents Pending

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Device is interchangeable with appliance and repeller throughout.

[ ] Denotes alternate/optional verbiage

{ } Denotes verbiage not printed on market labeling

Strikethrough = removed text ; High lights = new / replacement text

## **PRODUCT INFORMATION: NEW! Thermacell® PATIO SHIELD MOSQUITO PROTECTION**

Thermacell® Patio Shield Mosquito Protection alleviates the annoyance from mosquitoes by repelling and killing mosquitoes and reducing the number of bites in an area as large as an average-size deck or patio (up to 4.5 meters from the product) for up to four hours. This product is portable and can be taken anywhere you expect annoying mosquitoes to be a problem.

[Useful Tips:] {each tip below is optional as space allows}

- Allow 30 minutes, depending upon the size of the area, for product to take effect [and repel mosquitoes].
- This product works [well] [best] in outdoor areas where there is minimal air movement, such as [decks], [unenclosed porches], [patios] [yards] [unenclosed hunting stands] and [outdoor campsites].
- [Product may be used for camping [and hunting].]
- Use one repeller for [21.0 square metres] [an area 4.5 x 4.5 metres] [or 4.5 metres in diameter] [4.5 metres]. [Use additional devices to cover a larger area.]
- Each [Thermacell] mat lasts a maximum of 4 hours [and each Thermacell® butane cartridge lasts a maximum of 12 hours].
- Provides a maximum of 4 hours repellency per mat.
- [Original] [Mats provide [a maximum of] [up to] 4 hours repellency per mat [and turn from pale blue to white when repellent [active ingredient] [is] has been [exhausted] [used up] [depleted].]
- Mats turn from pale blue to white when [repellent] [it] [active ingredient] [is] [has been] [exhausted] [used up] [depleted] [and needs to be replaced].
- [If your device [repeller] fails to heat, it may be out of fuel. Check the fuel level by holding the cartridge vertically and looking at the fuel level. You can see the amount of butane in the cartridge. Replace if empty.]
- [Some visible vapor will appear during use; this is normal]
- [Use additional repellents to cover a larger area.]
- Altitudes [above 1500 m] [can] [may] affect product performance
- [Butane [cartridge]] [canister(s)] works best in [at] altitudes under 1500 metres. High altitudes may affect performance.
- Position multiple devices [as needed] [every 4.5 metres] to protect a larger [patio][area].
- Keep [canister port] [fuel interface] [rubber] [plastic] [cap] [cover] [in place] [when not in use].

**DIRECTIONS:** Alleviates the annoyance from mosquitoes by repelling and killing mosquitoes and reducing the number of bites in an area up to 4.5 meters from the product (as large as an average-size deck or patio) for up to four hours. Effect is **not** immediate. For best results, allow 30 minutes for product to take effect. This product works well in outdoor areas where there is minimal air movement, such as decks, porches, patios and yards. Use one device per each 21.0 square meters (an area 4.5 x 4.5 meters or 15' x 15'). Use more devices in larger areas, spacing them to ensure adequate coverage. Wind, heat or humidity may affect the performance of this product. Appliance and mat effectiveness may be diminished if exposed to rain.

1. Remove one Thermacell repellent mat from wrapper
2. Make sure the ON/OFF switch is on the OFF position. Insert the mat under the repeller's grill. To change mats, [slide][turn] the ON/OFF switch to OFF and allow the repeller to cool completely. Push the used mat out by inserting a fresh one.
3. Remove the repeller [cover] [cap]. Remove the cap from the cartridge.
4. Screw the cartridge into the opening of the repeller, turning it clockwise until it stops. Replace the repeller [cover][cap]. [If your repeller fails to heat, it may be out of fuel. To check the fuel level, hold the repeller vertically and look through the slot on the back of the repeller. You can see the amount of butane left in the cartridge. Replace if empty.]
5. [Slide] [turn] the ON/OFF switch to the ON position, the butane gas will begin to flow.
6. Wait approximately 5 to 10 seconds then depress the start button [three to five times][once][as needed] [in rapid succession].

To use the [Zone] [Protection] [Zone of Protection] indicator [light]:

1. [Remove the battery tab prior to first use.] [To install [replace] battery.] Remove [side] [rear] battery compartment cover. Insert [#] [supplied] [not] [included] [battery type] battery into compartment. Replace battery compartment cover]
2. [The [Zone] [Protection] [Zone of Protection] indicator [light] will automatically illuminate once the repeller begins to [heat the mat] [create the Zone [of Protection]] It [will] [may] take 30 minutes for the zone to completely form. Light will turn off when the mat is no longer being heated [indicating repeller may require restarting] [or] [butane replacement] [or] [battery needs replacement].]
3. The repeller can be used without the [Zone] [Protection] [Zone of Protection] indicator feature.

When finished using the repeller, slide [turn] the 'ON/OFF' switch to the 'OFF' position, and allow the repeller to cool completely. Repeller is now ready for storage.

Use Restrictions:

Only for outdoor use as an insect repellent. Do not use indoors, in tents or in any enclosed area. Do not insert anything other than

Thermacell® mats into the repeller. Cover or remove all exposed food. Do not leave repeller unattended or use in windy conditions. Do not expose repeller(s) or mats to rain. [Do not attach repeller to your body or clothing.] [When using repeller stand,] Place repeller on a flat, stable surface with the grill facing upward. [Press the on-off button to the 'OFF' [out] position when not in use.] Do not touch the grill; it will be hot after a couple of minutes. Clean with a damp cloth only when the repeller is cool and inactive. Butane cartridges other than Thermacell® cartridges will not work in this repeller. [Only Thermacell® mats and cartridges will work in this repeller.]

Troubleshooting { this section will appear, as appropriate, at the end of directions for use for the individual device }

1. If you do not see an orange glow [through view window]
2. Repeat directions "To Turn ON"
3. If there is still no orange glow visible [in the view window], make sure the [fuel][source][canister][cartridge] is completely screwed into place. Repeat "Turn On" directions. Confirm the orange glow is visible.
4. Check the amount of fuel in the cartridge. If cartridge is empty or near empty, remove cartridge and replace with a new [Thermacell®][cartridge]. [Then] Repeat "Turn On" directions. Confirm the orange glow is visible.
5. [Canister] [cartridge] [may not work] [is less effective] at elevations over 1500 m.
6. The bottom [rubber] [plastic] [cover] [cap] [plug] [lid][door] must be in place and properly closed to allow the fuel to flow.
7. [Mosquitoes still [around] [present] [Not sure [it's][product is] working] [Is the product working]
8. Place product upwind for maximum repellency. Windy conditions can reduce [product name] [repellent] effectiveness.
9. Check the [repellent] mat. Mats turn from pale blue to white when repellent has been [exhausted][used up][depleted][need to be replaced]. See directions to replace [change] [Thermacell][repellent] mat
10. Check the amount of fuel in the cartridge. If cartridge is empty or near empty, remove cartridge and replace with a new [Thermacell][cartridge]. [Then] Repeat "Turn On" directions. Confirm the orange glow is visible [through view window]
11. Still have questions? Call customer service at 1-781-541-6900 or email Service@thermacell.com.

**PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN AND PETS.** Harmful if inhaled. Avoid breathing vapors. For outdoor use as an insect repellent only. Do not use indoors, in tents or any enclosed area. Do not touch the grill while the appliance is in use. The grill is hot while in use. Do not insert anything other than the mat into the appliance. Place appliance on a flat, stable surface with the grill facing upward. Do not cover with any material while in use. Clean with a damp cloth only when the device is cool and inactive. Store unused mats in the original packaging in a cool, dry place inaccessible to children and pets. Store appliance and butane cartridges in a cool, dry place away from sources of heat. Harmful or fatal if swallowed. May be harmful if absorbed through skin. Avoid contact with skin and clothing. Wash hands with soap and water after use. Cover exposed food.

Device contains flammable butane. Do not use near sparks or open flames. Do not insert anything other than the mats in the grill. Do not allow mat to come into contact with other substances. Cartridges contain pressurized butane. Protect the butane cartridges from sunlight. Do not expose them to temperatures above 50°C (120°F). Do not pierce, break or incinerate butane cartridges, even after use. Butane cartridges other than Thermacell® cartridges will not work in this appliance. Seller will not be held responsible for damage, injury or poor performance caused by use of other butane cartridges or repellent mats.

This pesticide is highly toxic to fish. Do not apply directly to water. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites.

**FIRST AID:** If Inhaled, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice. If swallowed, call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice. If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Contains petroleum distillates. Treat symptomatically. Vomiting may cause aspiration pneumonia.

**STORAGE:** DO NOT contaminate food/feed by storage.

**DISPOSAL:** Do not reuse empty envelopes. Wrap used mats and butane cartridges and place in household trash. Do not incinerate cartridges. Unused or partially used products should be disposed at provincially or municipally designated hazardous waste disposal sites.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.





**[REFILL LEAFLET]**

**Thermacell® PATIO SHIELD MOSQUITO PROTECTION  
REFILLS**

DOMESTIC

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

GUARANTEE: (d-cis/trans allethrin) ..... 21.97%  
REG. NO. 31994 P.C.P. ACT

WARNING



POISON

CAUTION



EXPLOSIVE

Contains:

[Number] Butane Cartridge(s)  
Net Weight 12 gm. each

[Number] Insect Repellent Mat(s)  
Net Weight 2.07 gm. (0.07 oz.) Each

Thermacell Repellents, Inc.  
26 Crosby Drive  
Bedford, MA 01730 USA  
Telephone: 781-541-6900

Manufactured in Thailand [Philippines]  
Mats made in Italy

[Team Realtree® and Realtree Hardwoods Green®]

Canadian Patent No. 2,227,419, U.S. Patent No. 5,700,430; D300,606; D423,071; 6,033,212 - Other Patents Pending  
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[One mat lasts up to four hours. Mat turns from pale blue to white when active ingredient has been exhausted. To change mats, slide [turn] the ON/OFF switch [dial] to OFF and allow to cool completely. Push the used mat out by inserting a fresh one. [Graphics and subtitles will be added to final printed labeling]]

[Please refer to the instruction booklet that came with your device for specific features and directions.]

## **DIRECTIONS:**

### To Use Mosquito Repellent

1. Remove one mat from wrapper.
2. With Thermacell device off and completely cool, insert and center mat under grill.
3. Attach Thermacell device to the power source specified on the device directions.
4. Follow your device directions to activate repellent.

### To Insert Butane Cartridge

1. Remove the cover. Remove the cap from the butane cartridge
2. Screw the cartridge into the opening of the Thermacell. Make sure canister is fully inserted by turning it until it stops. Do not over tighten.
3. Replace the cover.

### To Turn On/ Off

Refer to the device packaging

### To Replace Mosquito Repellent Mat

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