



Owners Operating Guide

Read save and pass on these instructions to future users/owners

GH Helmet Heat, De-Icing & Snow Melting System

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Thank you for your purchase of **GH Helmet Heat™** Ice Reduction System for your home. The system will assist you in helping to keep your home safe from ice buildup, which could cause expensive repairs. When used properly, GH Helmet Heat will help in preventing icicles from forming on the edge of the roofline. It will also help to keep your gutter system free flowing, which prevents water from freezing and causing backups during the winter months.

Please note that you may see the presence of icicles for a short period of time under certain weather conditions. These procedures will ensure that your system works properly and efficiently.

The **GH Helmet Heat** system is a roof and gutter heating system that helps protect the roof throughout winter by keeping the roof, gutters, and downspouts safe from dangerous icicles, frost erosion and heavy loads of snow and ice that most buildings are not designed to with stand. Unlike typical heat cable, the Helmet Heat system outputs enough heat to keep the Gutter Helmet warm but not HOT to the touch. Results will vary from home to home depending on the elements and factors at your home.

Turning the GH Helmet Heat System On

1. **The GH Helmet Heat system should be turned on 24 hours (1 day) prior to a snowfall.** This time is necessary to heat up the gutter and Gutter Helmet system. If you wait until after the snow has accumulated, icicles and ice most likely will form and it may take several days or warmer temperatures before the Gutter Helmet will begin to clear of ice.

The **GH Helmet Heat system** should be turned on either by turning your dedicated Heat Cable breaker(s) into the **ON** position or by simply turning on a dedicated light switch (optional through a licensed electrician). **DO NOT WAIT UNTIL THE SNOW HAS STARTED TO ACCUMULATE ON YOUR ROOF BEFORE TURNING THE SYSTEM ON.**

Turning the GH Helmet Heat System Off

2. The Helmet Heat system can be turned off by turning your dedicated Heat Cable breaker(s) into the **OFF** position or by simply turning off the switch (optional through a licensed electrician). The Helmet Heat system should be left **ON** as long as there is snow existing on the roof of your home. The system should be turned **OFF** when spring arrives or after the roof is completely clear of snow. **DO NOT TURN OFF THE SYSTEM UNTIL THE ROOF IS CLEAR.** This could take a few days, depending on the amount of snow and/or ice on your roof. *Please note that the Helmet Heat™ is self-regulating and is designed to be left on for long periods of time.* Once your roof is clear of ice or snow, the system may be turned off until the next snow event is announced.

Commonly Asked Questions

How do I know that the cable is heating? You can simply feel the cable on the outside of the home where it would be entering the downspout and if it is warm to the touch it is working. You can also check to make sure the breaker is in the on position.

How long should I leave the system turned on? The system should be left on as long as there is snow on the roof. If you turn the system on and off periodically you will start to see ice and icicles develop on the top and on the nose of the Gutter Helmet.

What do I do if my breaker has tripped? If your breaker has tripped you will need to turn it all the way to the OFF position and then turn it all the way to the ON position and it should reset. If this happens often please call the connecting licensed electrician.

Can I still hang Christmas lights on the front of my gutter? Any clips or tree branches that are touching the nose of the Helmet will prevent the water from entering the gutter and you most likely will see icicles develop where the Xmas light clip hangers exist.

Why isn't the cable hot to the touch? This is what makes the Helmet Heat self-regulating cable so unique. It is designed to heat to about 75 degrees which allows the cable to last longer and also to reduce the amount of energy that is needed to operate the system while maintaining the amount of heat to reduce the formation of ice and icicles.

Why am I still seeing ice or icicles on the system? This can often happen if the system was not turned on prior to the snowfall occurring. If it was turned on prior to the snow occurring the issue could also be extremely cold temperatures or very cold wind chill factors. These issues will generally dissipate as the temperature gets warmer or the winds diminish allowing the system to warm.

What should I do if I forgot to turn the system on before it snowed?

Turn the system into the on position so the system begins to heat. Depending on the elements, it could be several days or over a week before the system begins to clear off depending on the temperature or wind chill conditions. We recommend knocking the icicles off that may have formed on the nose prior to turning on for this may expedite the thawing process.

What should I expect from the Helmet Heat system when it is functioning?

The Helmet Heat system is designed to drastically reduce the buildup of icicles or ice at the roofs edge. The results may vary depending on the amount of ice that generally occurs at your home. In many cases the system may be completely clear and in some cases you may still see a limited amount of ice or icicles at your home depending on the elements and factors existing at your home.

Does the Helmet Heat work in extremely cold conditions? Yes, the Helmet Heat works in extreme conditions if it was turned on while the Gutter Helmet was free of snow and ice. The system performs at its best when it is above 10 degrees. During below 10 degree temperatures and extreme wind chill factors the system will work but the results you see may diminish.



10 YEAR

LIMITED WARRANTY

GH Helmet Heat Cable is warranted by Heat Trace Products for 10 years. Proof of original purchase is required for validation. (The GH cable has identifying markings for lot traceability). Warranty is only to the original purchaser.

SELLER WARRANTS THAT THE EXCLUSIVE GUTTER HELMET, SELF-REGULATING HEATING CABLES, MANUFACTURED BY HEAT TRACE PRODUCTS, LLC WILL CONFORM TO THE SPECIFICATIONS FURNISHED BY THE PURCHASER (EXCEPT AS THE SAME MAY BE MODIFIED IN ACCORDANCE WITH THE WRITTEN AGREEMENT OF THE PARTIES) AND WILL BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP. THE FOLLOWING WARRANTIES AND REMEDIES SET FORTH HEREIN ARE CONDITIONED UPON PROPER STORAGE, INSTALLATION, USE AND MAINTENANCE, AND DOCUMENTATION THEREOF, CONFORMANCE WITH ANY APPLICABLE RECOMMENDATIONS OF THE SELLER AND CONFORMANCE WITH APPLICABLE IEEE, ANSI, ASTM AND OSHA STANDARDS.

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