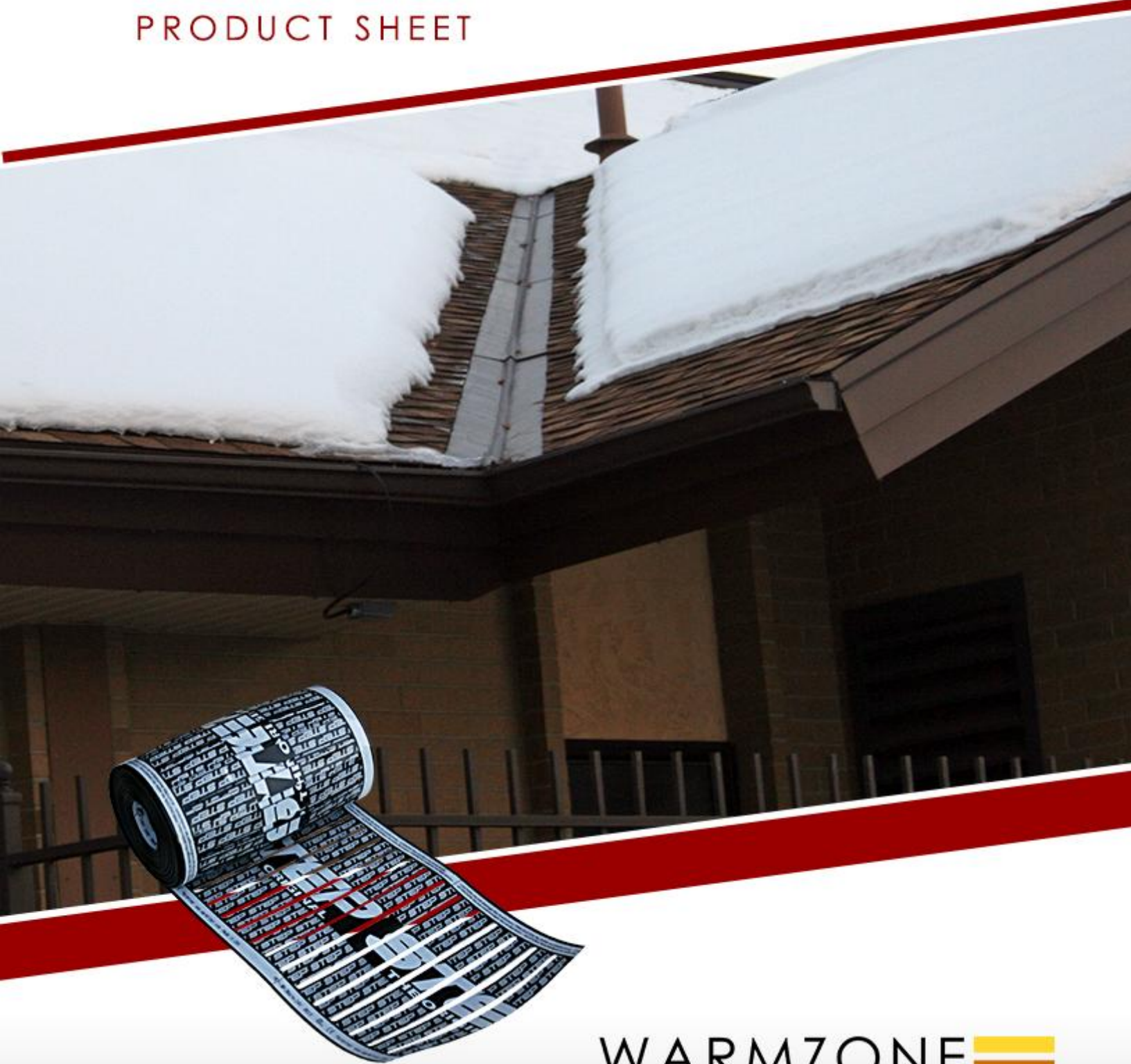


ROOFHEAT STEP ROOF DEICING SYSTEMS
PRODUCT SHEET



WARMZONE 
PREMIER RADIANT HEATING

RoofHeat STEP

Low-Voltage Roof Deicing System

Roof heating systems eliminate prolonged ice damming that can cause moisture to seep through roofing materials into roof decking before finding its way inside, damaging interiors and resulting in mold growth. Warmzone RoofHeat STEP deicing systems are an excellent solution for melting snow and ice from roof eaves, valleys, and even entire roofs.

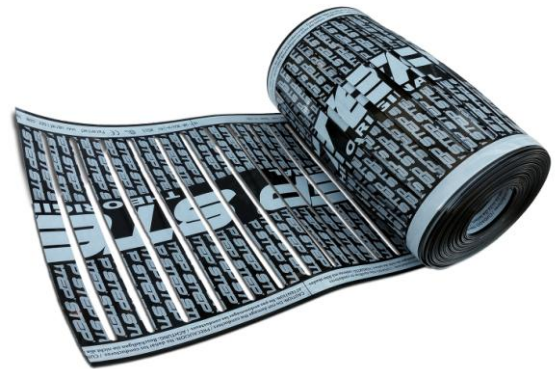
The RoofHeat STEP deicing system features an extremely thin, self-regulating, semi-conductive polyethylene heating element that is polypropylene fused during fabrication for waterproofing and to ensure that the panel is protected against other potential physical damages. The system operates on low voltage, and does not require a ground fault switch. RoofHeat STEP can be installed under new or existing asphalt, shake, or tile shingles, and is ideal for new construction as well as remodeling projects.

Available in rolls 3, 6, 9 and 12-inches wide, the lightweight heating element is easy to install and can be cut to size on the job site. The flexible heating element can also be nailed or stapled through, making installation quicker and easier than other traditional roof heating systems.

System Components

Heating Element

Warmzone's RoofHeat STEP utilizes a thin, semi-conductive polymer heating element that can be discreetly secured under the shingles or roofing surface. The self-regulating low-voltage heating element can be nailed or stapled through, further making installation quick and easy, and is polypropylene fused during fabrication to achieve water proofing and added protection.



Transformer

Each individual power unit controls a specific section of the deicing system and steps down high voltage to low voltage (60 V or less). The individual control boxes are the source for monitoring the power and output to the heating element to ensure safe, accurate, and efficient performance.

Activation Device

This is typically the STEP Touch[®] thermostat, but can also be an aerial mounted snow sensor. The Touch[®] thermostat features a simple two-control design for ease of operation and a three-digit, auto-dimmable LED display. The Touch sensor controls are maintenance free, and interfaces to an external temperature sensor.



For more information contact a Warmzone sales representative:

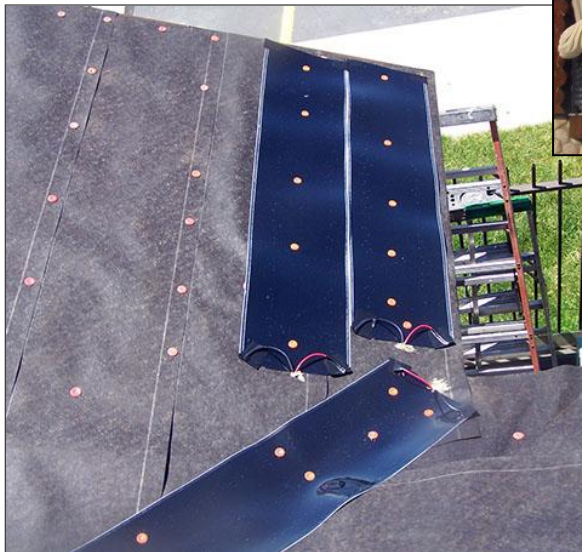
888.488.9276

RoofHeat STEP

Roof Deicing Application Photos



Heated roof edges and valleys.



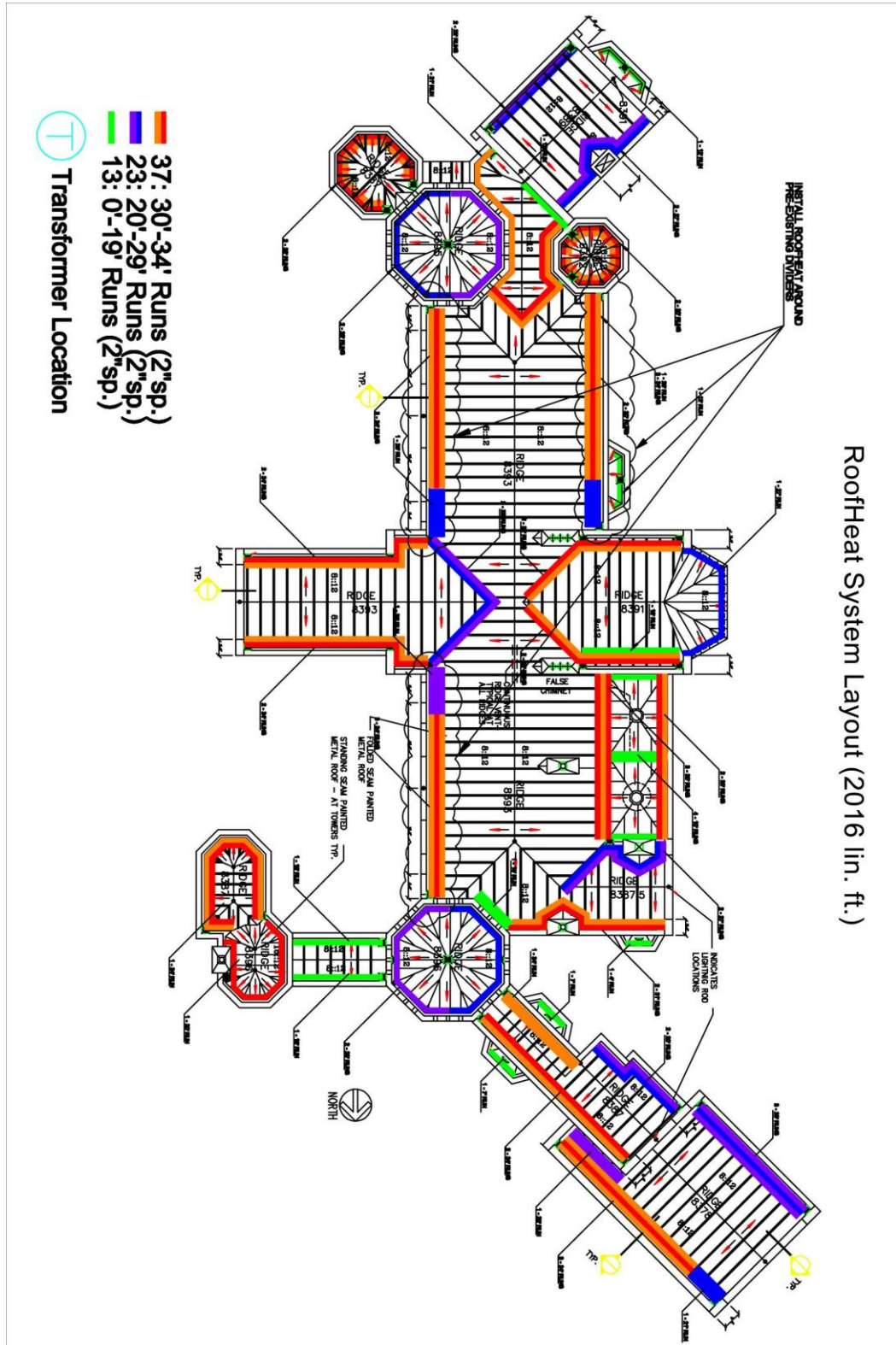
Before



After

RoofHeat STEP

Sample Layout of RoofHeat STEP Roof Deicing System



- 37: 30'-34' Runs (2"sp.)
- 23: 20'-29' Runs (2"sp.)
- 13: 0'-19' Runs (2"sp.)
- T Transformer Location

About Us

Warmzone was created to match customers to the best radiant heat products and prices available. As a leading provider of radiant floor heating and snow melting solutions, Warmzone constantly searches for the latest radiant heat technology to provide customers with outstanding quality solutions, unparalleled service and convenience, and preferred pricing. Radiant heat is still relatively new to most residents in the United States, but it has been widely used in other parts of the world. At Warmzone our goal is to conveniently provide clear information through our website. Our experienced consultants will work with you and guide you to the ideal system for your needs. We offer sincere, non-biased recommendations based on your requirements and what makes the most sense, from small remodeling projects to large commercial construction.

While the hydronics technology has gained the most recognition in North America, we have found a variety of other energy efficient solutions that utilize electricity. This is where Warmzone uses experience to understand your needs, and our experts will propose a radiant heat system that will provide the results you dreamed of without the hassle of weeks of research. We have formed relationships with companies worldwide that we consider to be the best in their class. Warmzone is proud to offer the highest quality, proven products at the best prices available - all in a quick and convenient manner. When it comes to radiant heat, you won't find a more knowledgeable, helpful and friendly staff.

Summary of Customer Services:

- Free Installation Training Courses
- System Design – Detailed AutoCAD layouts
- Technical Support throughout the Installation Process
- Large Inventory of Industry Leading Products
- Easy-to-Customize Solutions
- Competitive Pricing
- Fast, Accurate Turnaround

Phone: 888.488.9276 • **Fax:** 801.948.7599 • **Office:** 801.948.7500

Email: info@warmzone.com • **Website:** www.warmzone.com