

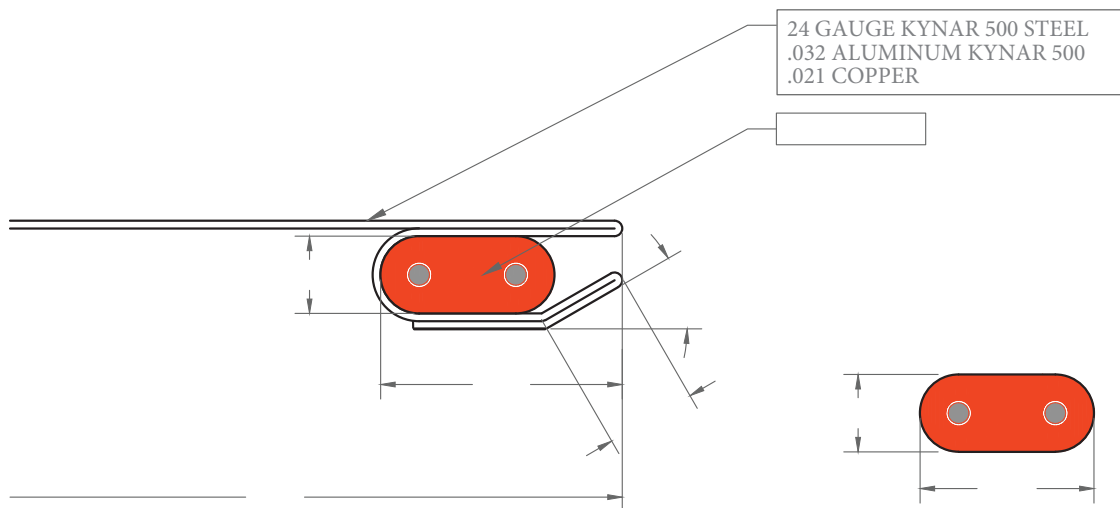
**INTRODUCTION**

HotDrip™ is engineered with a three-sided angulated raceway that holds a single run of commercial grade self-regulating ice melt cable firmly against the bottom of the metal HotDrip™. This patent pending open raceway design conforms to the NEC (National Electrical Code) Article 426 and provides access for insertion, inspection and replacement of the ice melt cable. The heat generated by the ice melt cable is directly conducted to the top of metal HotDrip. This helps prevent icicles and ice dams from forming in this critical area. The snow and ice melt water is not permitted to re-freeze at the drip edge and it can be safely drained away from the structure.

HotDrip™ product is designed to prevent icicles and ice dams from forming at the edge of “A-Style” metal roof edges utilizing a commercial-grade 12W self-regulating UL-approved for roof and gutter deicing heat cable. Many metal roof edges do not have a metal lip/drip edge and use a 90 degree edge. This “A-Style” is used in the rakes of gable roof ends to achieve a neat even finish designed to simply cover and protect exposed wood sheathing edges from moisture deterioration. This flush mounted roof edge is just flashing with a 90 degree bend and with a small offset hem at the bottom which prevents snowmelt from running down the fascia board.

For simple installation, HotDrip™ slips between a small horizontal gap between the bottom edge of the metal roofing material and the top surface of the cap. It is important to confirm that this horizontal gap exists and to understand how the roofing material is secured, i.e. the space available to slide HotDrip into the horizontal gap, i.e. 2.5 or 4.5 inches, etc.

Additional products are offered (e.g. HotValley™ and HotFlashing™) to maintain a heated drain path for the snow melt water until it can be safely drained away from the foundation of the structure.



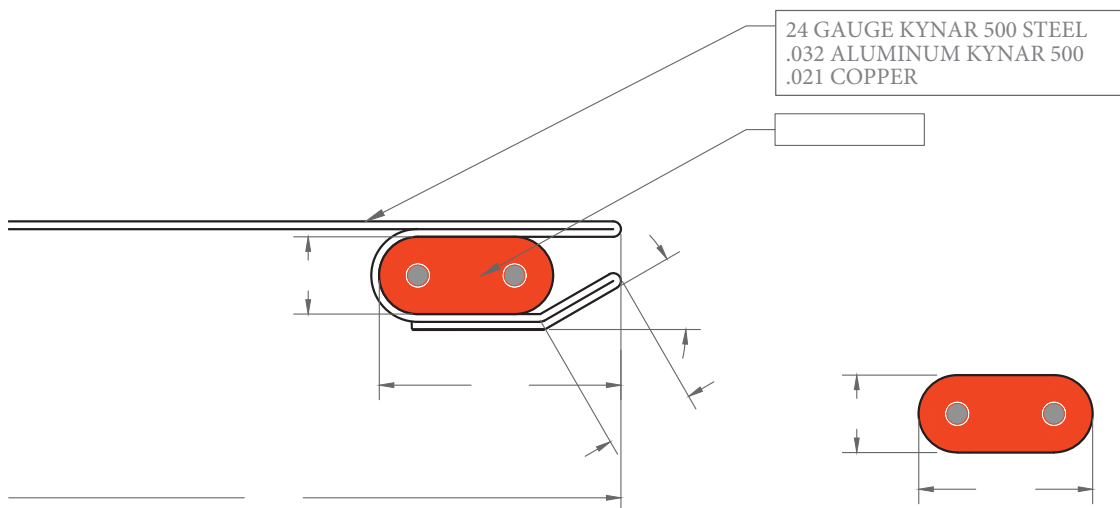
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### HotDrip™ Installation Instructions

1. Slide HotDrip™ panel beneath the existing roof in the horizontal gap. Ensure there is a small continuous horizontal gap between the metal fascia cap and the roofing material (see above).
2. Slide the HotDrip™ into place and seal with roofing calk. If determined it is necessary for additional fastening, follow roofing manufacturer's instructions for fastening through the roof deck.

#### **WARNING**

**Low cost, constant current ice melt cable must not be used. Only safety agency "Listed", self regulating ice and snow heat trace cable for roof structures that are provided with the system can be used.**

### Self-regulating Heating Cable Supplied with System

The HotEdge Rail is supplied with one of the following Listed (KOBQ) De-Icing and Snow-Melting Equipment Heating Cable and accessories (designed for roof and gutter de-icing and snow melt) indicated below and with the installation instructions provided by the heating cable manufacturer.

#### Products from NuHeat

|  |              |
|--|--------------|
| NuHeat 13 Watt roof and gutter plug in cable 120V 5 ft     | 13PK08W1-5   |
| NuHeat 13 Watt roof and gutter plug in cable 120V 10 ft    | 13PK08W1-10  |
| NuHeat 13 Watt roof and gutter plug in cable 120V 15 ft    | 13PK08W1-15  |
| NuHeat 13 Watt roof and gutter plug in cable 120V 25 ft    | 13PK08W1-25  |
| NuHeat 13 Watt roof and gutter plug in cable 120V 50 ft    | 13PK08W1-50  |
| NuHeat 13 Watt roof and gutter plug in cable 120V 75 ft    | 13PK08W1-75  |
| NuHeat 13 Watt roof and gutter plug in cable 120V 100 ft   | 13PK08W1-100 |
| NuHeat Heat Shrink Power Connection Kit (incl. 1 end seal) | RPPC         |
| NuHeat Heat Shrink Splice.tee (incl. 2 End Seals)          | RPST         |
| NuHeat Heat shrink end seal (1pc)                          | RPES         |
| NuHeat 13RGRC Roof Clips (box of 50)                       | RGRC         |
| NuHeat Thermocube Thermostatic Outlet 120V                 | NH-THC       |
| NuHeat Roof and Gutter Downspout hanger                    | RGDH         |
| NuHeat Plug-in GFCI adaptor                                | FP-PLUG      |
| 120v NuHeat Roof & Gutter De-Icing Cable                   | 13FP10W1     |
| 240v NuHeat Roof & Gutter De-Icing Cable                   | 13FP10W2     |
| 120v NuHeat Roof & Gutter De-Icing Cable                   | R13P8-1      |
| 240v NuHeat Roof & Gutter De-Icing Cable                   | R13P8-2      |

### Products from Tyco Thermal Controls LLC (Raychem)

UL File KOBQ.E74811, De-icing and Snow-melting Equipment  
CSA Class 2872-01, File 021133\_C\_000 HEATERS-Cable and Cable Sets  
Raychem® IceStop® Roof & Gutter De-Icing Systems  
GM-1X Heating cables (120VAC, 10 watts per foot)  
GM-2X Heating cables (240VAC, 12 watts per foot and 277VAC, 12 watts per foot)  
FTC-P Power Connection & End Seal Kit  
FTC-HST Splice/Tee Connection Kit  
GMK-RC Roof Clips  
GM-RAKE Hanger Bracket  
Raychem® WinterGard Wet Roof & Gutter De-Icing Systems  
H612 Heating cables (120VAC, 6 watts per foot)  
H622 Heating cables (208-277VAC, 6 watts per foot)  
H900 Power Connection & End Seal Kit  
H910 Splice/Tee & End Seal Kit  
H913 & H914 Roof Clip Kits  
H915 Hanger Bracket Kit  
H908 120VAC Plug-in Power Connection Kit

### System Test by the Electrical Contractor

#### *Insulation Resistance (Megohmmeter) Test*

The insulation resistance test is critical to ensure the safety and reliability of the heating cable system. This test should be performed as part of the installation of the system. It is also useful for troubleshooting an installed system. This test is required for warranty coverage from some cable manufacturers. See details in the ice melt cable manufacturer's installation instructions.

A large peak amp reading at cold start-up may indicate a current draw issue. Some systems may require time delay relays to spread out this peak load.

Individual home runs are recommended for troubleshooting, repair and replacement of the ice melt cable.