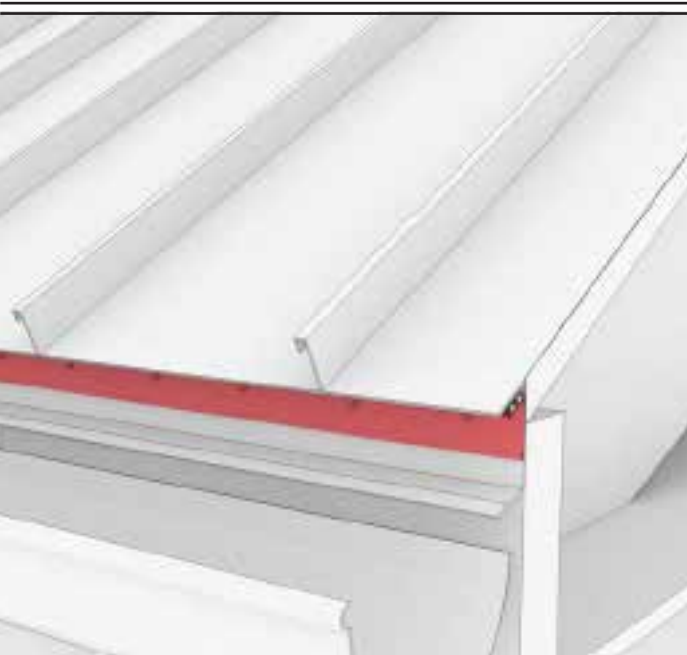






HotEdge Rail is the first and only UL Listed roof edge ice melt system in the U.S. The revolutionary NEW patent-pending HotEdge Rail is engineered to prevent icicles and ice dams from forming along the edge of most roof structures by compressing a 12-watt commercial-grade, self-regulating heat cable directly against the existing metal drip edge. HotEdge Rail fastens to the fascia beneath the metal drip edge of a roof, providing a containment system for the heat cable.

HotEdge Rail is designed for a fast, simple retrofit to existing roofs or for installation on new construction. The system requires no roof clips or penetration of the roof deck, and no modifications are necessary on most metal roof structures.

EXCLUSIVE FEATURES

SECURE: An engineered channel was developed to receive existing composite asphalt shingles

SIMPLE & FAST INSTALLATION: Simple design installs easily on all EXISTING asphalt composite shingle roofs

NEC Compliant: The engineered open raceway design conforms to the NEC (National Electrical Code) Article 426 and provides access for insertion, inspection and replacement

NO MODIFICATIONS: This one piece design requires no shingle cutting or removal. Avoids damaging or modifying existing roof shingles which saves time on installations to reduce overall cost of project

LESS HEAT TRACE CABLE NEEDED: The benefit of a direct heat transfer is less heat trace cable is needed to prevent ice dam and icicles formations on all roof edges

A "GREEN" SOLUTION: Less heat trace cable means lower energy costs. In fact, all HotEdge roof edge melt systems use at least 50% less heat trace cable than all other alternatives, i.e. zig zag and aluminum metal tracks

WARRANTY: Industry leading 10-year limited warranty against heat cable failures and manufacture defects assures a long service. Heat trace cable is protected from UV light and snow/ice shifts and slides

COLOR MATCH: Our expansive inventory and nationwide network allows HotEdge to best match existing roof or trim color



DATA SHEET for HotEdge Rail™

SPECIFICATIONS

MATERIAL SELECTION:

.021" Copper, 24 gauge Kynar 500 Steel or .032 Aluminum Kynar 500

COLOR:

Our expansive inventory and nationwide network allows HotEdge to best match existing roof or trim color

DIMENSIONS:

5' length with optional mounting slots and fasteners included

HEATING SYSTEM:

Commercial-grade 12-watt/ft UL Listed self-regulating heat cable

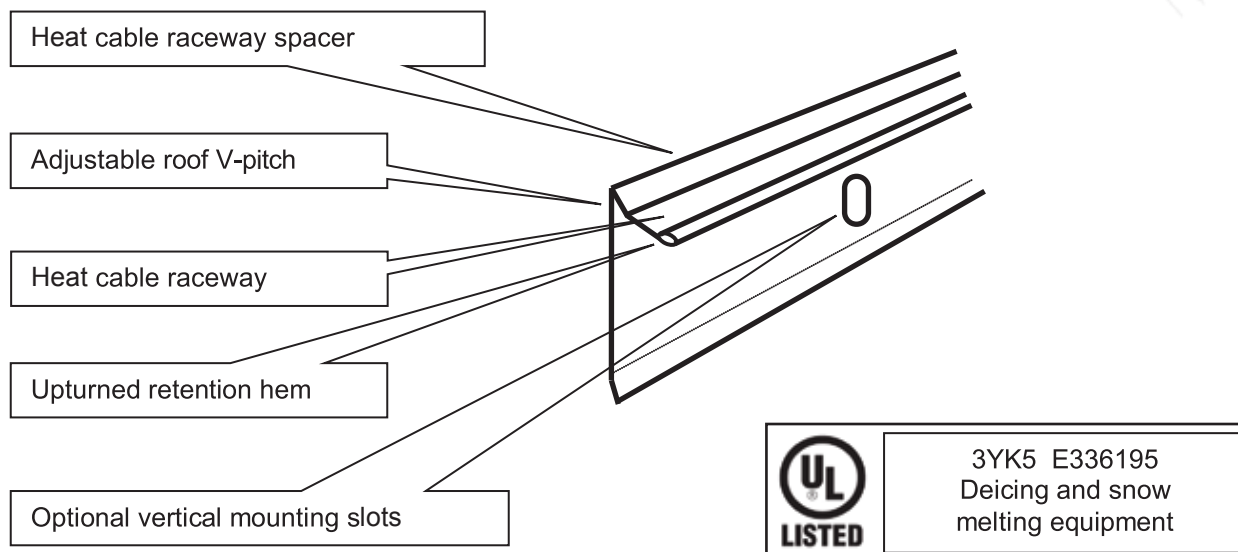
COMPONENTS:

HotEdge Rail, heat cable, screws and commercial-grade adhesive

ELECTRICAL REQUIREMENTS:

120VAC or 208-277VAC. NEC Article 426.28 requires 30mA ground fault circuit protection for roof ice melting systems



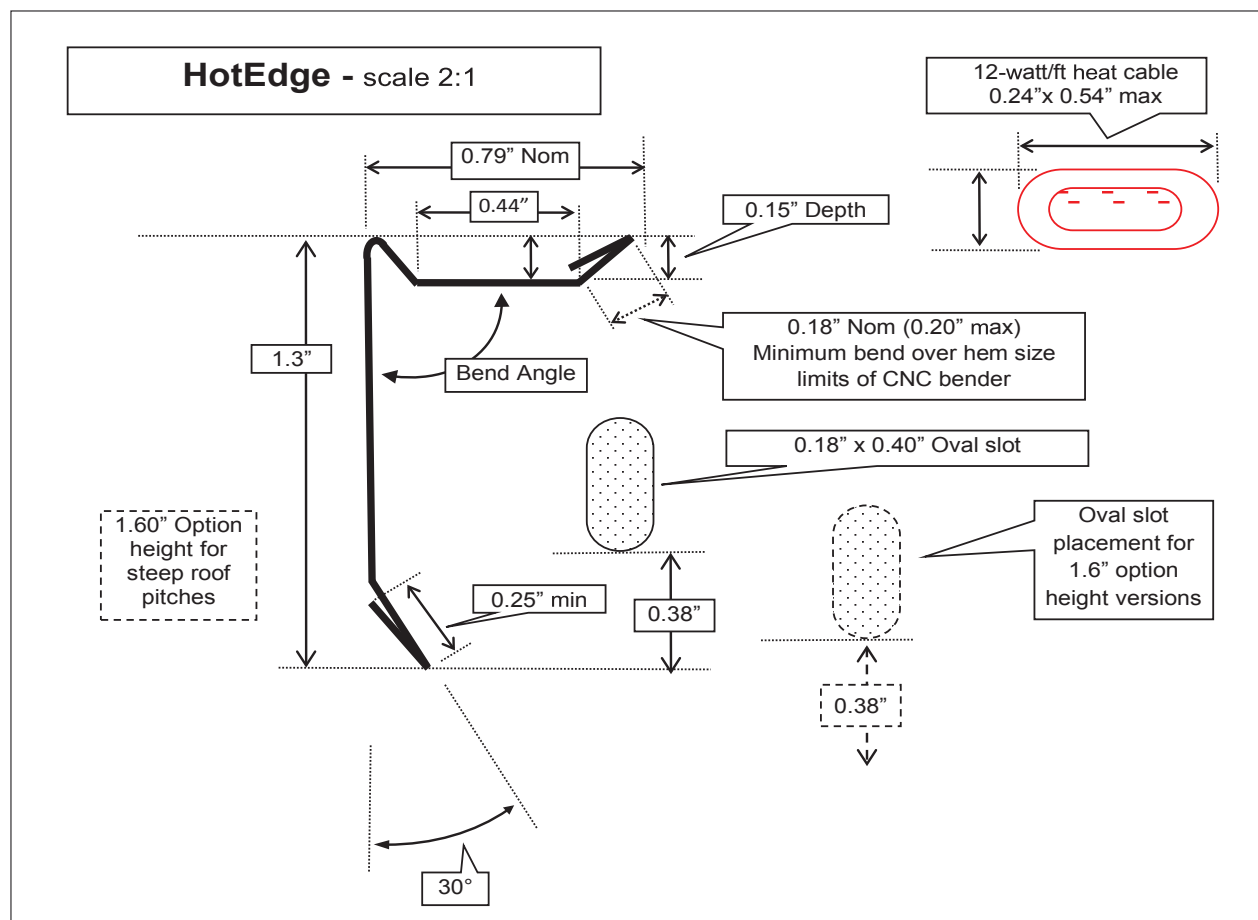
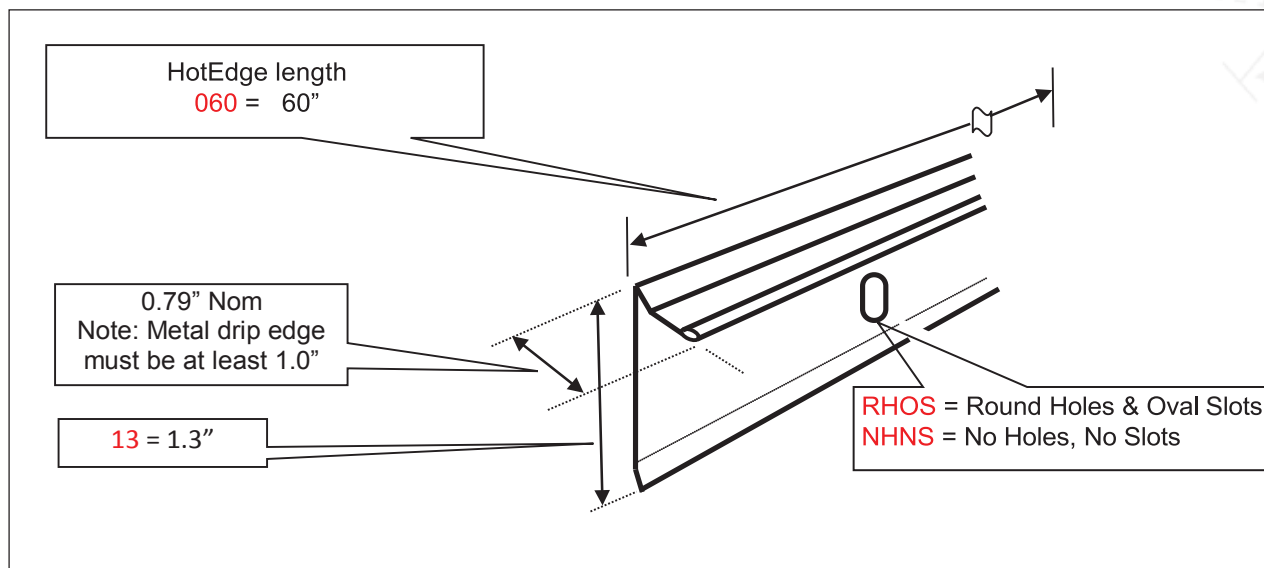


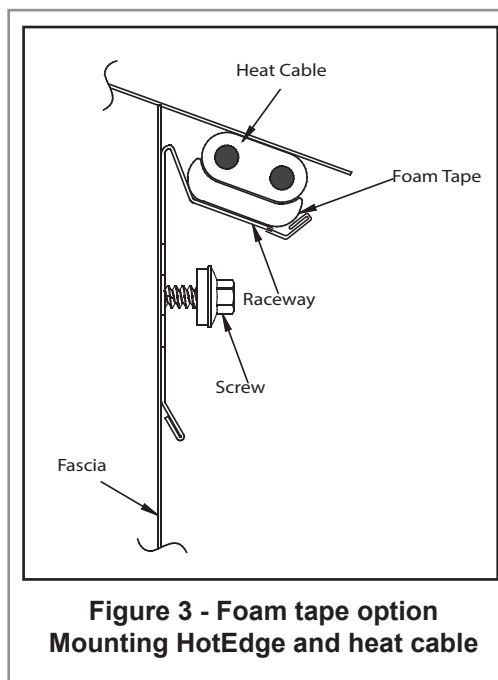
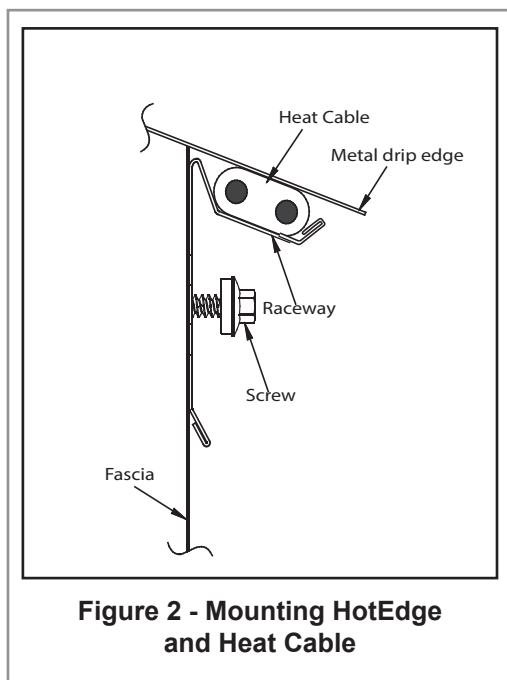
HotEdge Rail – Roof Ice Melt System

HotEdge Rail creates a raceway that holds a single run of self-regulating heat cable firmly against the bottom of the existing metal drip edge of most metal roof structures. This patent pending open raceway design conforms to the NEC (National Electrical Code) Article 426 and provides access for insertion, inspection and replacement. The heat generated by the heat cable is directly conducted to the existing metal drip edge. This helps prevent icicles and ice dams from forming in this critical area. No modifications are required.

Note: In all cases a 1" minimum metal drip edge must be present for the HotEdge ice melt system to operate successfully.

Warning: Low cost, constant current heat cable must not be used. Only safety agency UL Listed, self-regulating ice and snow heat cable for structures that is provided with the system can be used.





The HotEdge Rail ice melt system has a self-adhesive foam tape that improves the transfer of heat from the heat cable to the existing metal drip edge. See above. The foam tape is installed in the HotEdge Rail raceway before it is mounted. Follow the HotEdge Rail heat cable retention system installation instructions to complete installation of the system.

Some roof drip edges are wavy (exhibit oil canning) and are not straight. This condition should be repaired prior to the installation of HotEdge Rail. The foam tape can help to minimize any air gap, ensuring constant contact of the heat cable with the bottom of the existing metal drip edge.

For winter installations, any ice under the drip edge fold-over must be removed. The slots can be used to mount HotEdge and the powered heat cable which will melt any ice under the drip edge. The final tension adjustment can be made permanent with the insertion of additional screws.

Overview

The overall objective is to keep the snow melt water from re-freezing until it is drained away from the structure's foundation. A heated gutter and downspout system is required for most applications.

The heated drip edge will allow ice and snow to slide off the roof. The gutter placement needs to be below the slide plane of the ice and snow from the heated roof surface.

It is necessary to create a spring-like holding tension to eliminate any air gap between the HotEdge heat cable and the bottom of the existing metal drip edge. The "storm window effect" of any air gap in this critical area dramatically decreases the amount of heat that is transferred from the self-regulating heat cable to the existing metal drip edge.

HotEdge Rail™ Harmonized Part Number Nomenclature

HERL13 — 090 — S - HAGR — 060 — RHOS — Rev20

Rail Products

HERL13 = 1.3" H
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Bend Angle

110 = 110°
105 = 105°
100 = 100°
90 = 90°
85 = 85°
80 = 80°
75 = 75°
70 = 70°
65 = 65°

HotEdge Rail
Vertical Rail
HEVR25 = 2.5"H

Bend Angle

Fixed

The manufactured **Bend Angle** ensures a spring-like tension to retain the heat cable.
Note: Mounting screw placement is easier with the 1.6" high rails.

Material & Color

Material

C= Copper, 0.021",
16oz., ½ hard

S= Painted Kynar 500
Steel, 0.019 "

A = Painted Kynar 500
Aluminum 0.032"

Color

NAT = Natural Copper
(F or copper material)

Standard Colors

ALMD= Almond
CLRD = Colonial Red
HMGR = Hemlock Green
SLBL = Slate Blue
BNWH = Bone White
COP E = Copper Penny
MNBK = Marsden Brown
SLGR = Slate Gray
MABL = Matte Black
DKBZ = Dark Bronze
MDBZ = Medium Bronze
CLGR = Classic Green
HAGR = Hartford Green
SRTN = Sierra Tan

Length

060 = 60"

Options

RH= Round Holes,
2' Centers

or

NH= No Round Holes

+

OS= Oval Slots,
2' Centers

or

NS= No Oval Slots

+

BTP= Build to Print
(Special Order Only)