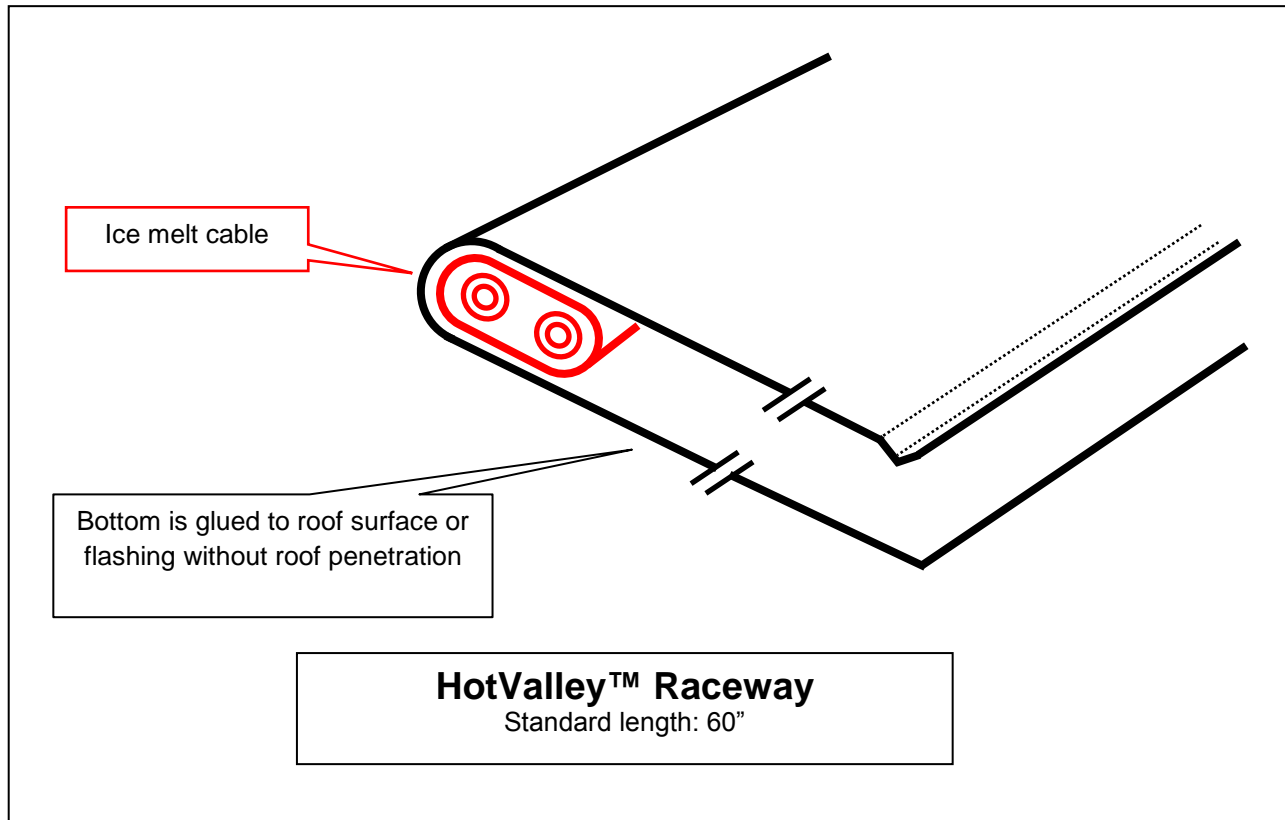


HotValley™ Raceway System – Design Guide

Order Entry Information & Engineering Specifications

Hot Edge, Inc.

www.HotEdge.com



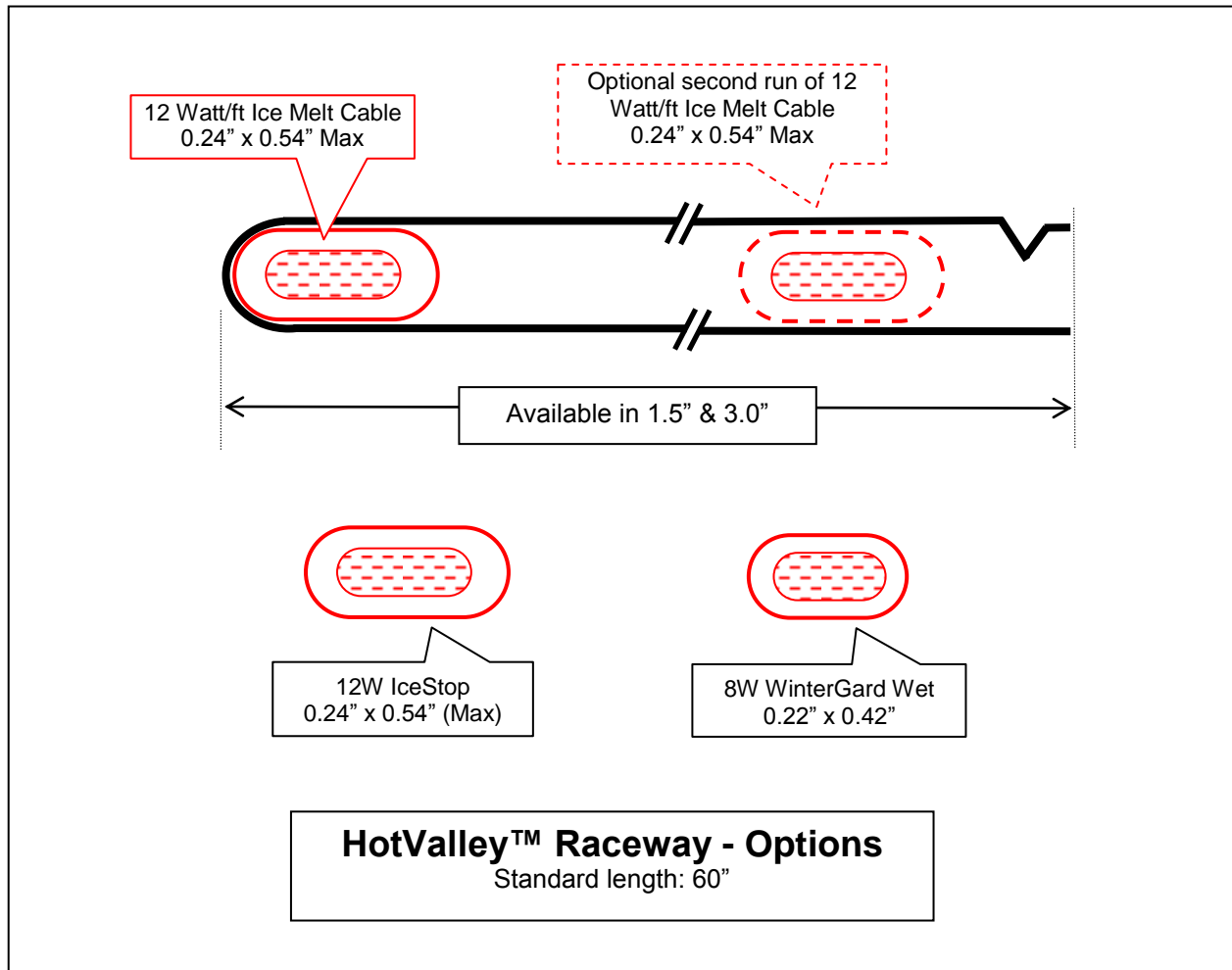
HotValley™ Raceway – Part of the HotEdge™ Ice Melt System

The HotValley™ Raceway holds a single or double run of UL Listed self-regulating ice melt cable and spreads the heat across a 1.5 or 3 inch wide panel. Compared to a single run of exposed ice melt cable, the HotValley™ Raceway creates a much wider heated drain path that prevents ice melt water from re-freezing until it can be drained away from the structure's foundation. In most cases a HotEdge™ Rail and heated gutters and downspouts are required for a complete system.

The HotValley™ Raceway can be used in the valley between roofs or next to the vertical walls of dormers or second stories. The Raceway hides the ice melt cable and is available in a number of different colors to match the roof covering. This presents a clean and attractive street view.

Access through the open slot provides for insertion, inspection and replacement of the cable in compliance with the NEC (National Electrical Code) requirements.

HotValley™ Raceway Panel Profile



HotValley™ Raceway Options

The HotValley™ Raceway is available in 1.5 inch and 3 inch widths. A double run of cable can be used in the 3 inch wide version. The Raceway can accommodate either the 8 watt WinterGard Wet or the 12 watt IceStop UL Listed heating cable.

Special glue, available from the factory, is used to secure the Raceway to most roof surfaces.

HotValley™ Raceway – Harmonized Part Number Nomenclature

HVAR 003 — S - HAGR — 060 — XX — Rev4

<u>HotValley™ Raceway Products</u>	<u>Material & Color</u>	<u>Length</u>	<u>Options</u>
<p>HVAR 015 = HotValley™ 1.5" Wide HVAR 003 = HotValley™ 3" Wide</p> <p>Note: The HotValley™ Raceways will hold either the 12 watt IceStop or the 8 watt WinterGard Wet ice melt cable.</p> <p>The length may be cut at the time of installation.</p>	<p>Material C= Copper, 0.021", 16oz., ½ Hard</p> <p>S= Painted Galvanized Steel, 0.019"</p> <p>A = Kynar Painted Aluminum, 0.032"</p> <p style="text-align: center;">+</p> <p>Color NAT = Natural Copper (For copper material)</p> <p>ALMD= Almond CLRD = Colonial Red HMGR = Hemlock Green SLBL = Slate Blue BNWH = Bone White COPE = Copper Penny MNBN = Mansard Brown SLGR = Slate Gray MABL = Matte Black DKBZ = Dark Bronze MDBZ = Medium Bronze CLGR = Classic Green HAGR = Hartford Green SRTN = Sierra Tan</p>	<p>060= 60" (Note: 060 can be shipped UPS)</p>	<p>XX = No options</p> <p>BTP= Build to Print (Special Order Only)</p>

The HotEdge™ Rail Roof Edge Ice Melt System

The UL Listed, HotEdge™ Rail roof edge ice melt system creates a three-sided raceway that holds a single run of self-regulating ice melt cable firmly against the bottom of the metal drip edge of most structures. 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 drip edge. 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.

Some roofs will require the addition of a metal drip edge or a metal slip sheet (snow slide) that can be heated. Warning: In all cases, a metal drip edge must be present for the HotEdge Ice Melt System to operate safely and successfully. Hot Edge Inc. manufactures the HotSheet™ and the HotShingle™ products for this purpose.

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

The ice melt cable manufacturer's installation instructions are provided with the cable. These procedures must be followed. Installation personnel must be skilled in the art and be aware of the dangers inherent in this type of construction work. This product is designed to be part of a complete roof structure. Only experienced professional contractors should install this product.

Consult with a licensed electrical contractor for the electrical system layout, junction box placement, maximum cable run lengths and power feed requirements with EDP breakers as defined by the National Electrical Code (NEC), local building codes and the ice melt cable manufacturer.

Completely read and understand these documents before starting the project.

Warning

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

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