

WHY USE RADIANT EDGE? The Four Rules That Make The Difference.

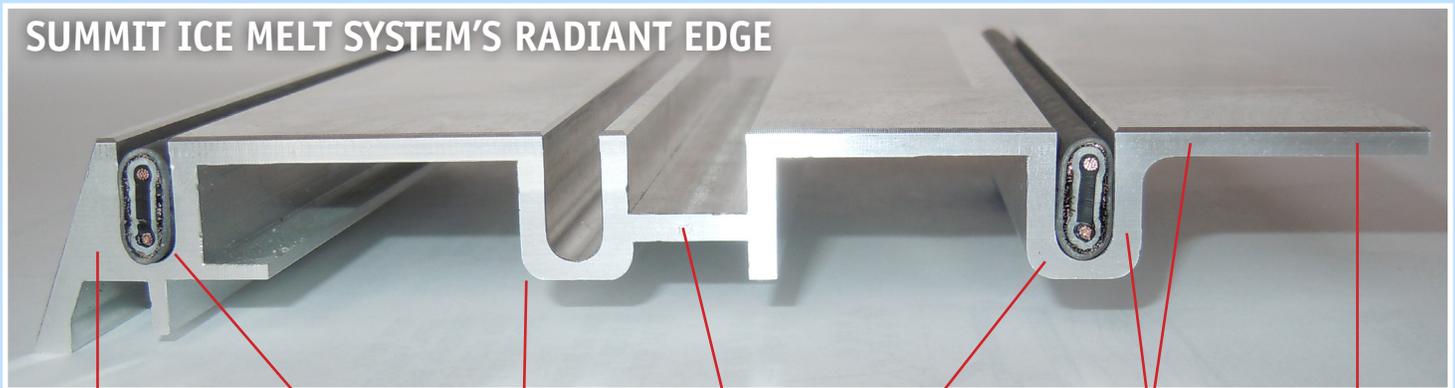
The Rules of Thermodynamics as applied to roof ice melt systems:

1. Minimize lost heat transferred downward to the roof deck through panel surface contact.
2. Optimize heat transfer efficiency from the heater cables to the top melting surface.
3. Optimize heat transfer efficiency from the heater cables to the drip edge.
4. Eliminate air spaces in the thermal transfer paths. Air is an insulator and the enemy of efficient heat transfer.

The Radiant Edge™ Advantage:

- More energy efficient: Radiant Edge uses **33% LESS energy** than the competition.
- Less heat is lost to roof deck: Radiant Edge has **72% LESS roof contact**.
- Radiant Edge has **45% MORE top melting surface area**.
- Radiant Edge is **twice as thick** for better heat transfer and resistance to warping.
- More heat to ice and snow: Radiant Edge has **86% more convective surface area** along the top edge of the element.

SUMMIT ICE MELT SYSTEM'S RADIANT EDGE



Summit's drip edge profile is an efficient, solid mass for direct heat transfer. (Rule #3)

Better heat transfer due to virtually no air gap in heater slots: Summit's slots are a skin-tight 0.010" larger than cable, the competition's gaps are a drafty 3x larger. (Rule #4)

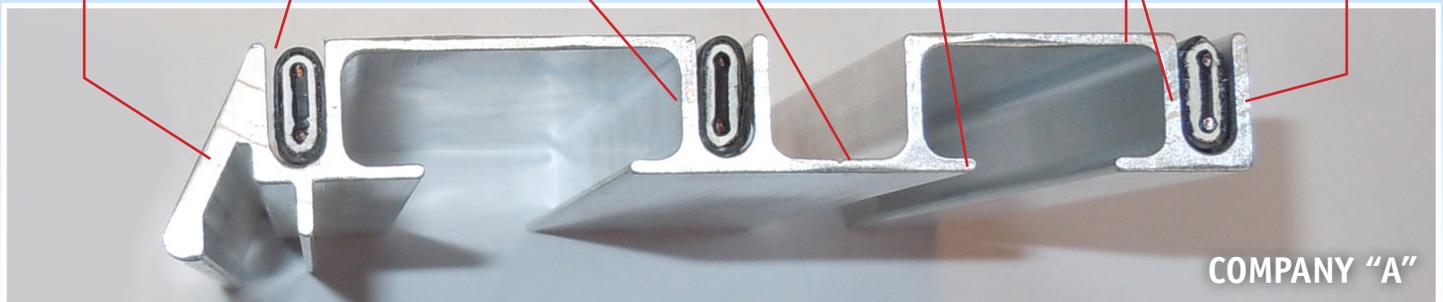
Summit's efficient design uses 33% less energy and installs faster: it does the job with only 2 heaters; the competition requires 3.

Summit raised the fastener zone to minimize heat loss downward while eliminating burrs underneath that cause roof leaks. (Rule #1)

Summit efficiently delivers more heat to top surface, less heat lost downward: 72% less roof surface contact area than the competition. (Rule #1)

Heavier heater walls and top surface (100% thicker) provide more efficient heat transfer. (Rule #2)

Summit's top fin provides better heat distribution with 86% more convective surface area. (Rule #2)



COMPANY "A"



Visit summiticemelt.com for many more reasons why the patent pending Radiant Edge is the smart choice. The GREEN choice. Contact Summit for your free expert consultation and engineered ice melt system for your home or business. 530.583.8888 SummitIceMelt.com