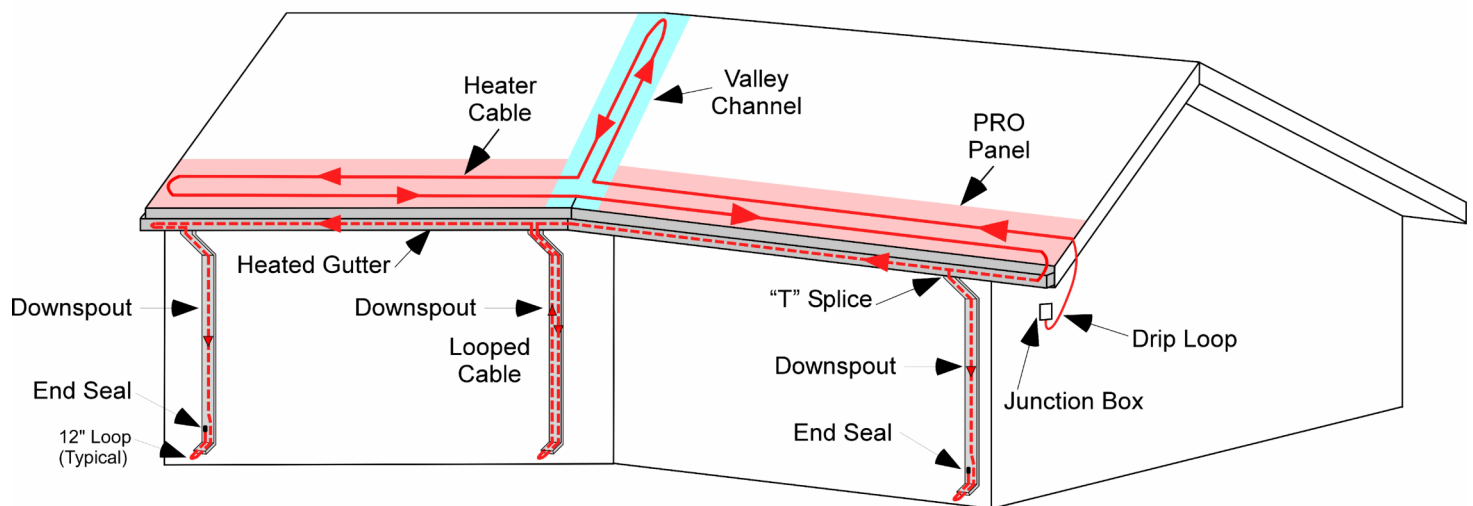


The PRO Roof Ice Melt System *QuickStart Instructions*

This is a brief overview of the PRO installation and is not intended to be a substitute for complete instructions. Contact Summit Ice Melt Systems for the current PRO Installation and Operation Guide.

1. System Layout:

Determine layout of system and heater cable. Locate junction box and termination End Seal. For the most efficient layout the Junction Box will be on the opposite end from the downspout, but other routing options are possible. Be sure to add Heater Cable for optional Gutters and Downspouts. Summit Ice Melt Systems will assist in the layout if requested.



2. Check components:

Familiarize yourself with the components. Check all parts and confirm voltage of cable with order. Do first round testing of cable at arrival.

3. Roof Preparation:

Existing shingles: Loosen lap of the third course of shingles. Install Valley Channel onto "W" valley metal or "woven" shingled valleys. Trim back shingles to the drip edge if they are damaged or sagging.

New Shingles: Install ice and water shield type membrane and "W" valley metal. Install PRO Base Panel and Valley Channel over membrane and valley metal.

Existing Metal: If roof system permits, cut roofing panels 10" back from the fascia. Install PRO Base Panel and Valley Channel over membrane and valley metal. Additional prep or alternate system may be required for standing seam and other metal systems.

New Metal: Install ice and water shield type membrane and "W" Valley metal. Install PRO Base Panel over membrane and valley metal.

4. **PRO Base Panel Installation:**

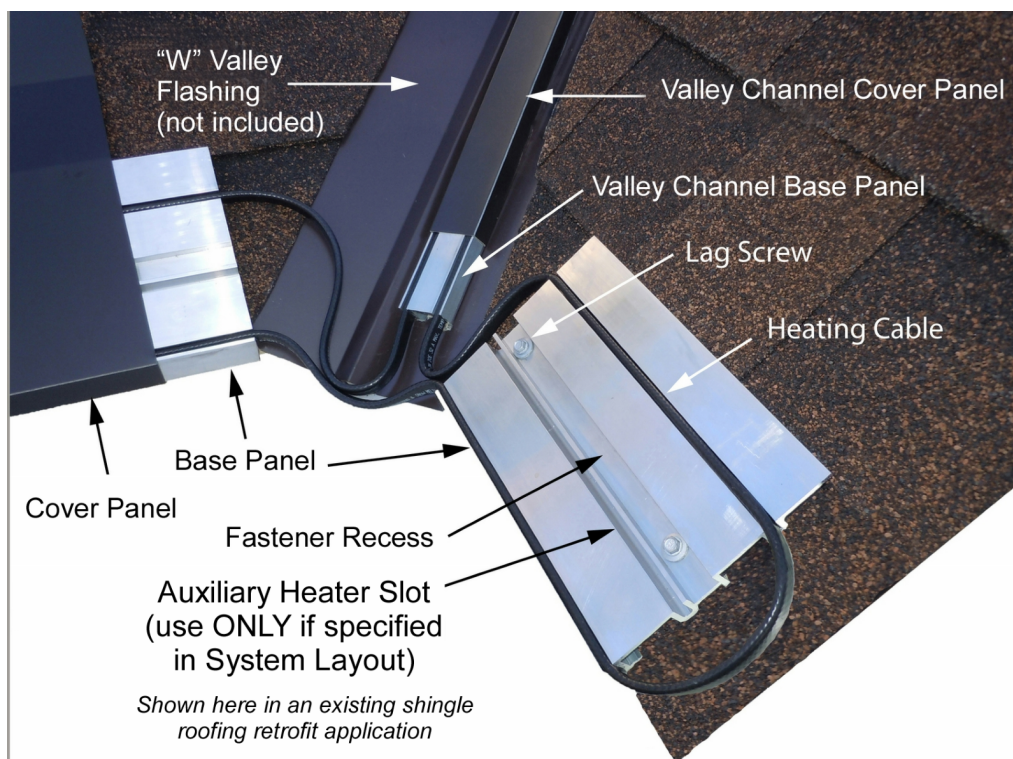
Install PRO Base Panel along the roof's edge. Leave a 2" space between Base Panel and gable or wall ends of roof, and 1/2" gap between Base Panels. Attach with screws through pre-drilled holes for fast installation. Miter cuts and sizing may be done with a carbide-tipped circular saw. De-burr after all cuts.

5. **Valley Channel Base Panel**

Installation: Do not penetrate valley with fasteners. Clean valley area and embed Valley Base Panel into adhesive. Leave a 1/2" space between Base Panels and place less than 2" from the bottom of the valley to prevent re-freezing. Let set overnight.

6. **PRO Base Panel Heater**

Cable Installation: Start at Junction Box with a Power Connection Kit. Create a Drip Loop to prevent water from entering Junction Box. Place the Heater Cable to the upper or lower slot in the PRO Base Panel. Do not use the Auxiliary Slot unless directed. Press the Heater Cable into the Base Panels until fully seated.



Valley Channel Base Panel Heater Cable Installation: At valleys, route the Heater Cable up one side of the Valley Channel Base Panel to the top then return back down the valley in the adjacent slot. Ensure there is a loop of Heater Cable that extends past the bottom edge of the Valley Metal to prevent re-freezing.

Continue Heater Cable installation to the far end of the PRO Base Panels. Loop the cable and carefully insert it into the appropriate slot and return to the starting point.

7. **Gutters and Downspouts Heater Cable Installation:**

Gutters and downspouts must be heated. If they are used, continue the Heater Cable from the PRO Base Panel into the gutter. For downspouts, Heater Cable can be looped down and back, a "T" Splice Kit can be used or, if it is at the end of the gutter, terminate the cable at the bottom of the downspout. Create a Drip Loop by zip tying End Seal to cable and looping out of the bottom of the downspout.

8. **Test and connect:** Cable testing should be performed three times.

- A. When the cable arrives at the site
- B. After the cable is inserted into the Base Panels and gutters
- C. After Cover Panels are installed, prior to commissioning

The PRO roof ice melt system **MUST** be protected with a ground fault protection device per local codes and the NEC (National Electric Code) or CSA (Canadian Standards Association) as applicable.

9. **Operation:**

Turn on system before a storm begins. Remember it is much easier and more energy-efficient to prevent ice from freezing than it is to melt it after it has formed. Our UL Rated Heater Cables are self-regulating and will never overheat. Heat is generated only when it is needed, and precisely where it is needed.

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