

PP120 Snow Guard Installation Instructions

ROOF TYPES

- New / Existing Composition Shingle
- New / Existing Synthetic Slate (must be semi-rigid/flexible)

Note: If the roofing material is rigid like slate or tile, do not use the PP120. Refer to our model PP125 snow guard.

INSTALLATION - BASE PLATE

1. Prior to installing base plate, apply a generous amount of butyl caulking around perimeter on underside of base plate (fig. A).

2. Position base plate so flashing will not be visible or exposed in keyway of upper course of shingles. Base plate should sit flush along flattest downslope edge of shingle.

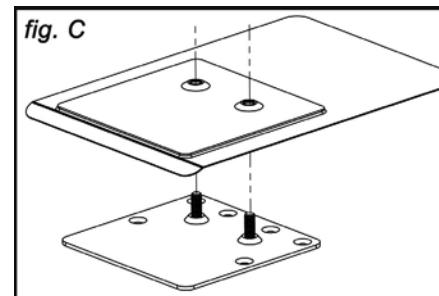
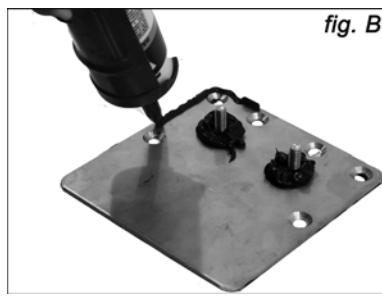
Note: Threaded studs on base plate are not centered. For PP120 installations, align base plate so the studs and four fastener holes are on up-slope/top of base plate.

3. Fasten base plate to substructure using appropriate fasteners for roof type and thickness of substrate.

INSTALLATION - FLASHING OF BASE PLATE

1. Before installing flashing, apply a generous amount of butyl caulking around threaded studs and perimeter of base plate (fig. B).

2. Place flashing over base plate, carefully aligning holes on flashing over studs on base plate (fig. C). Wipe clean, pressing butyl caulking into any voids.



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INSTALLATION - PP120 SNOW GUARD BRACKET:

1. Install bracket over threaded studs. Bracket will be centered on base plate when installed properly.
2. Place one bonded washer over each stud and press them all the way down against bracket.
3. Thread one nut down each stud and tighten. The nut should be tightened to approximately 15 inch-lbs, until EPDM on bonded washer is compressed.

Use fig. D as a visual guide for correct torque.

4. Install Pipes, Couplings, End Caps and End Collars (refer to pipe-style installation instructions). Ice Flags are optional.

fig. D



SNOW GUARD LAYOUT FOR PIPE STYLE BRACKETS

- Contact Alpine SnowGuards for detailed layout.
- Do not install runs of snow retention bar more than 100 feet long without a break to allow for thermal expansion.
- First row of snow guards are installed above outer most wall or support of the building.

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