

ASG2000B-MINI Snow Guard Installation Instructions

Typical Roof Types:

- New or existing copper standing seam

I. Bracket Installation:

- A. When attaching clamps to seams, which are machine folded, the ASG2000B-MINI clamp is designed to engage seams up to 1/4" thick. On many snap together type seams, the setscrews are opposite the open, or overlap side of the seam. On some panel seams, the aspect of clamp orientation is not critical.
- B. Only two set screws (on one side of the clamps) are used in any given ASG2000B-MINI installation.
- C. Position the clamps appropriately on the panel seam. Using a 3/16" allen-wrench attachment tip for a 1/4" drive screw gun, tighten and retighten setscrews as the seam material compresses. On low seam profiles, a 4" bit extension on the screw gun will facilitate this work. Most industrial grade screw guns are rated at 115 inch-pounds tightening torque and will deliver between 115 and 150 lbs. (13-17Nm) at the *highest torque setting*. Note: Contact Alpine SnowGuards for proper torque settings for various materials.
- D. **CAUTION:** Battery-operated guns may not deliver consistent screw tension. Drywall guns may not deliver adequate tension.
- E. Max bracket spacing is 24" on center.

II. Rod Installation

- A. Insert 3/8" brass rod (77-BR)
- B. On runs longer than 6' or 12' join rods with external couplings (87-BR)
- C. Locking collars (RD65) should be placed over each end of each line of rod. Tighten the set screw on the collar until it no longer slips. On the inside of each clamp, a 1" minimum gap is required to allow for thermal expansion.
- D. Optional ice flags (RD95)
- E. **PLEASE USE THIS PRODUCT RESPONSIBLY!** Any loads imposed on the ASG2000B-MINI bracket will be transferred to the panels. Panels must be adequately attached to building structure to resist these loads.



F. NO ALPINE SNOWGUARDS' ASSEMBLIES ARE APPROVED FOR USE AS A PERSONAL FALL PROTECTION DEVICE.

Snow guard layout for pipe style bracket:

- Contact the manufacturer for detailed layout.
- Do not install runs of snow retention 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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