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## **ASG3000G Snow Guard Installation Instructions** **(U & T Configurations)**

### **Typical Roof Types:**

- New/existing double lock metal standing seam (ASG3000G-U-AL)
- New/existing single lock metal standing seam (ASG3000G-T-AL)
- New/existing snap lock metal standing seam (ASG3000G-U-AL)

### **NOTE:**

- ASGU2-AL clamps are designed to engage seams up to 7/16" thick.
- For single lock seam applications, horizontal leg must measure 5/8" or greater and set screws must be accessible from the top of the bracket for tightening.
- On snap lock seams, the set screws should be opposite the open/overlap side of the seam.
- Two set screws (included) are used in any given ASGU2 installation.

### **Installation:**

1. Position the blocks (clamps) appropriately on the panel seam. Using a 3/16" Allen-wrench attachment tip for a 1/4" drive screw gun, tighten and re-tighten set screws as the seam material compresses. On low seam profiles, a 4" bit extension on the screw gun may help to access the set screw. Tighten set screws to a torque value of 140-180 inch-pounds.
2. Use flange bolt (included) to attach pipe bracket to clamp (this can be done before clamp is installed, if preferred). Torque to 115 in-lb.
3. Install Pipes, Couplings, End Caps and End Collars (refer to Pipe-Style Installation Instructions). Ice Flags are optional.

### **Snow guard layout for pipe-style brackets:**

- 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 is installed above outer most wall or support of the building.
- Do not use as Fall Arrest Anchors.
- Be sure that panels are securely fastened to the roof to absorb the loads being transferred by the snow retention system.

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