



## **PP225 Snow Guard Installation Instructions**

### **ROOF TYPES**

- New / Existing Slate
- New / Existing Synthetic Slate
- New / Existing Composition Shingle
- New / Existing Cedar Shingle

### **Base Plate Installation - Composition Shingle**

1. Place base plate on top of shingle and align downslope edge of base plate with downslope edge of shingle.
2. Fasten base plate to roof deck using a minimum of 4 fasteners.
3. Strip in top portion of base plate (which will be concealed below next course of shingles) using a material such as ice and water shield.
4. Continue installing shingles around and over base plate.

### **Base Plate Installation - Slate, Synthetic Slate or Cedar**

1. Install base plate so that it replaces a slate, synthetic slate or cedar shingle.
2. Fasten base plate to roof deck using a minimum of 4 fasteners.
3. Continue installing shingles around and over base plate.

### **Bracket Installation**

#### **Aluminum Bracket (reference Assembly Sheet – PP225-AL-UPKIT)**

1. Empty contents of bag onto work surface.
2. Build the bracket following the assembly drawing PP225-AL-UPKIT.
3. Apply thread lock to all bolts before tightening nuts to 45 inch-pounds.
4. Open assembly to expose holes in Base for 225 AL Upkit. Place bracket over threaded studs on previously installed baseplate.
5. Place one SS Neo Washer over each stud and press them down against bracket.
6. Tighten SS Flange Nut over each stud and tighten to 15 inch-pounds.
7. Install Pipes, Couplings, End Caps and End Collars (refer to Pipe-Style Installation Instructions). Ice Flags are optional.

#### **Brass Bracket (reference Assembly Sheet – PP225-BR-UPKIT)**

1. Empty contents of bag onto work surface.
2. Build the bracket following the assembly drawing PP225-BR-UPKIT.
3. Apply thread lock to all bolts before tightening nuts to 45 inch-pounds.
4. Open assembly to expose holes in Base for 225 BR Upkit. Place bracket over threaded studs on previously installed baseplate.
5. Place one SS Neo Washer over each stud and press them down against bracket.
6. Tighten SS Flange Nut over each stud and tighten to 15 inch-pounds.
7. Install Pipes, Couplings, End Caps and End Collars (refer to Pipe-Style Installation Instructions). Ice Flags are optional.



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### **Stainless Steel Bracket (reference Assembly Sheet – PP225-SS-UPKIT)**

1. Empty contents of bag onto work surface.
2. Build the bracket following the assembly drawing PP225-SS-UPKIT.
3. Apply thread lock to all bolts before tightening nuts to 45 inch-pounds.
4. Open assembly to expose holes in Base for 225 SS Upkit. Place bracket over threaded studs on previously installed baseplate.
5. Place one SS Neo Washer over each stud and press them down against bracket.
6. Tighten SS Flange Nut over each stud and tighten to 15 inch-pounds.
7. 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 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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