



## Snow Bird Specification Sheet Snow Guards

### PART 1 – GENERAL

#### 1.1 SUMMARY

##### A. WORK INCLUDES

1. Snow Bird snow guard that attaches directly to roof deck.
2. Coordinate with installation of roof to assure proper placement of snow guards.
- 3 Provide appropriate snow guard and fasteners for roof system.

##### B. RELATED SECTIONS

- |   |                            |
|---|----------------------------|
| 1. Section 076000: Flashing and Sheet Metal | MasterFormat 2016 07 60 00 |
| 2. Section 073100: Shingles and Shakes      | MasterFormat 2016 07 31 00 |
| 3. Section 073200: Roofing Tiles            | MasterFormat 2016 07 32 00 |
| 4. Section 077253: Snow Guards              | MasterFormat 2016 07 72 53 |

#### 1.2 SYSTEM DESCRIPTION

##### A. COMPONENTS:

Bracket: A snow guard system that consists of individual metal snow guards.

##### 1. SNOW BIRD

Bracket Accessories (for use only with 3/8" rod/pipe): Rod/pipe, attachment rod bracket, and rivets that allow installer to use as a hybrid pad/rod-style snow guard system.

2. RD77 (3/8" rod) or PP77 (pipe)
3. FUSION-GUARD-ROD BRK Rod Bracket
4. R-POP SS 3.0X6.0 Rivet

##### B. ROD ACCESSORIES:

1. RD87, external couplings
2. RD65, end collars
3. RD95, ice flags (optional)

##### C. DESIGN REQUIREMENTS:

1. Spacing to be recommended by manufacturer or building engineer.
2. Install 2 fasteners per snow guard.
3. It is important to design new structures or assess existing structures to make sure they can withstand retained snow loads.
4. When used with rods, a break in the assembly is required every 48-feet and rods have a 6-inch maximum allowable overhang from end bracket.

#### 1.3 SUBMITTAL

- A. Submit manufacturer's specifications, standard detail drawings and installation instructions.

#### 1.4 QUALITY ASSURANCE

- A. Installer to be experienced in installation of specified roofing material and snow guards for not less than 5 years in the area of the project.



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### 1.5 DELIVERY / STORAGE / HANDLING

A. Inspect material upon delivery and order replacements for any missing or defective items. Keep material dry, covered and off the ground until installed.

## PART 2 – PRODUCTS

### 2.1 MANUFACTURER

A. Alpine SnowGuards®, a Division of Vermont Slate & Copper Services Inc.  
289 Harrel St. Morrisville, VT 05661 | 888) 766-4273 | [www.alpinesnowguards.com](http://www.alpinesnowguards.com)

### 2.2 MATERIALS

A. Snow Bird (choose one)

1. DC01 Galvanized Cold Rolled Steel (CRS) - 0.059" Thickness
2. H85 Red Brass (head) & H70 Yellow Brass (strap) - 0.059" Thickness
3. 304 Stainless Steel Copper Plated Finish\* - .059" Thickness

\*Copper-plated parts are sealed to prevent permanent discoloration during the production process. This sealant inhibits the natural patina process for 2-3 years.

### 2.3 ACCESSORY MATERIALS

A. FUSION-GUARD-ROD BRK – 304 Stainless Steel

B. R-POP SS 3.0X6.0 – 304 Stainless Steel

C Rod (RD77) or Pipe (PP77) (choose one):

1. 304 Stainless Steel, 3/8" diameter rod
2. 360 Half Hard Brass, 3/8" diameter rod
3. 6061 Aluminum, 3/8" diameter pipe

D. External Couplings (RD87). External and exposed coupling which can also serve as an expansion mechanism 3" long (choose one):

1. 304 Stainless Steel, 3/8" diameter
2. 260 Half Hard Brass, 3/8" diameter

E. End Collars (RD65) (choose one):

1. 304 Stainless Steel
2. 6000 Series Aluminum

F. Ice Flags (RD95) [3" wide x length (as needed)]:

1. 304 Stainless Steel, 3/8" diameter
2. 260 Half Hard Brass, 3/8" diameter

### 2.4 FINISH (choose one):

A. DC01 Galvanized Cold Rolled Steel (CRS)

1. Mill Finish
2. Powder Coated Dark Bronze
3. Powder Coated (other) – available at additional cost

B. H85 Red Brass (head) & H70 Yellow Brass (strap)

1. Mill Finish



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### PART 3 – EXECUTION

#### 3.1 EXAMINATION

##### A. Substrate

1. Inspect structure on which snow guard system is to be installed and verify that it will withstand any additional loading that it may incur. Notify general contractor of any deficiencies before installing Alpine SnowGuards.
2. Verify that roofing material has been installed correctly prior to installing snow guards.

#### 3.2 INSTALLATION

- A. Comply with architectural drawings and snow guard manufacturer's recommendations for location of system. Comply with manufacturer's written installation instructions.

Document Version 12.06.2022  
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