

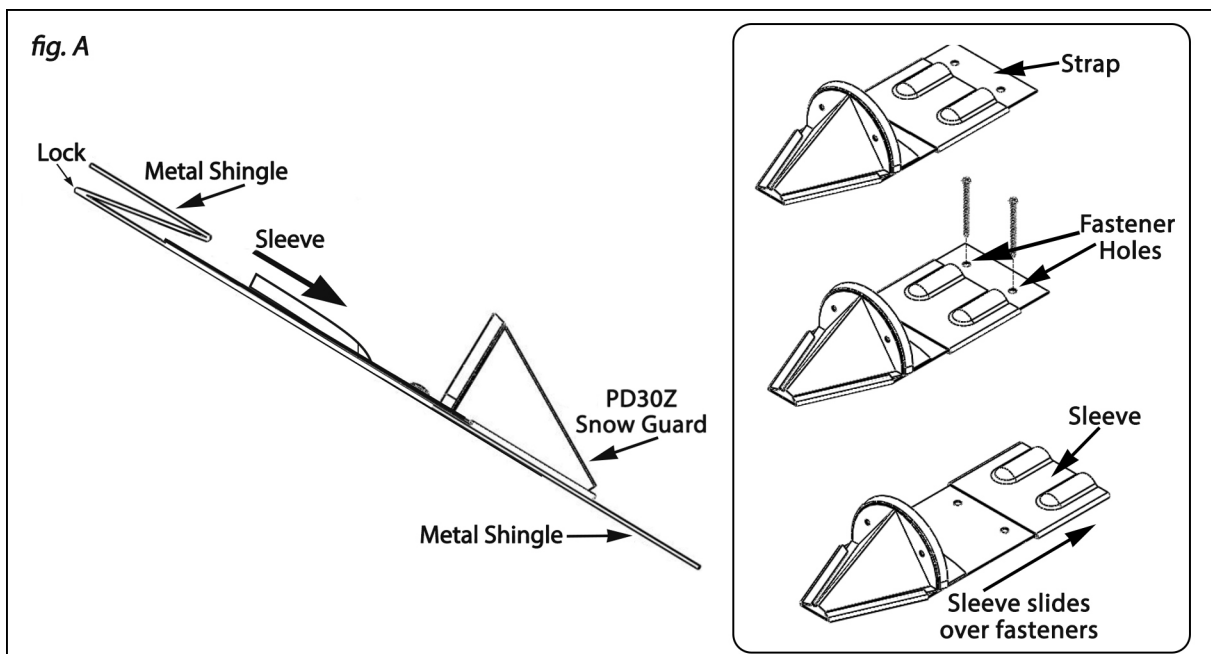
## PD30Z and PD300FZ Snow Guard Installation Instructions

### Typical Roof Types:

New/existing Metal Shingle

### Installation:

1. Start above the 3rd course of shingles and ensure that the sleeve is in the correct position (the 2 fastener holes on the upslope end of the strap should be exposed). Place the snow guard on the face of the metal shingle (*fig. A*).
2. Push the snow guard strap up into the lock of the next course of shingles. Push the strap as far as the lock will allow, while leaving the fastener holes accessible.
3. Attach the snow guard using 2 fasteners of a metal compatible with the snow guard and the roof system. Fasten directly through the face of the shingle below, and into the underlying wood deck. Caulk the fastener heads.
4. Slide the sleeve upslope as far into the lock as possible to cover and counter-flash the fasteners.

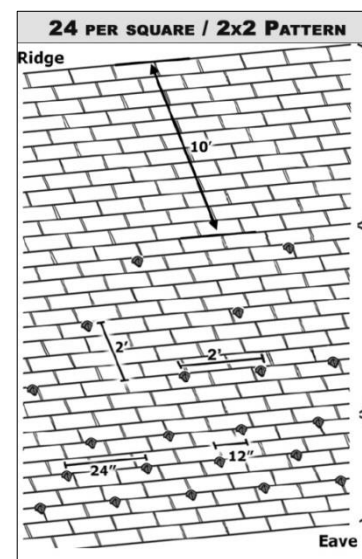
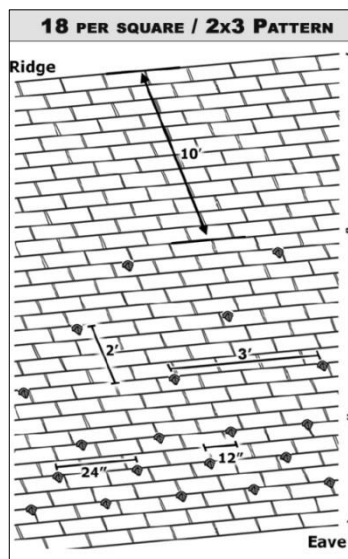
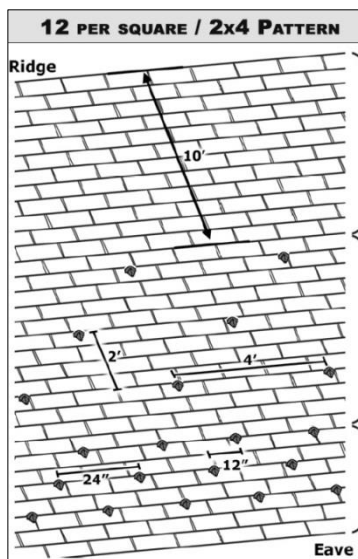
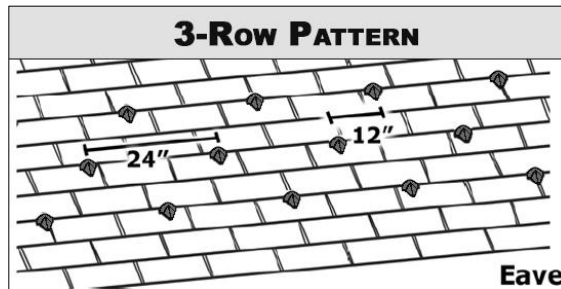


## Standard Snow Guard Layout Options

**IMPORTANT:** All layouts begin with a 3-row pattern. Estimated quantities provided include 3-row pattern. If you have any questions, please contact us at 888-766-4273.

Please use the guidelines below to determine the appropriate layout for your installation.

Layout	Rafter Length	Ground Snow Load (psf)	Roof Pitch	Est. Snow Guard Qty	Spacing
3-Row Pattern	15' or less	75 psf or less	16/12 or less	17 per 10' of eave	3 rows, 24" on center horizontally with the middle row staggered 12"
2x4 Pattern	15' or greater	75 psf or less	16/12 or less	12 per roofing square	Space rows 2' vertically and 4' horizontally to within 10' of the ridge
2x3 Pattern	Any	75-110 psf	16/12 or less	18 per roofing square	Space rows 2' vertically and 3' horizontally to within 10' of the ridge
2x2 Pattern	Any	111-150 psf	16/12 or less	24 per roofing square	Space rows 2' vertically and 2' horizontally to within 10' of the ridge



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