

Installation Instructions

Models:

Fixed and Vented with Double Flashing System
(For 3/12 and 8/12 pitches)



Skylights and Roof Windows

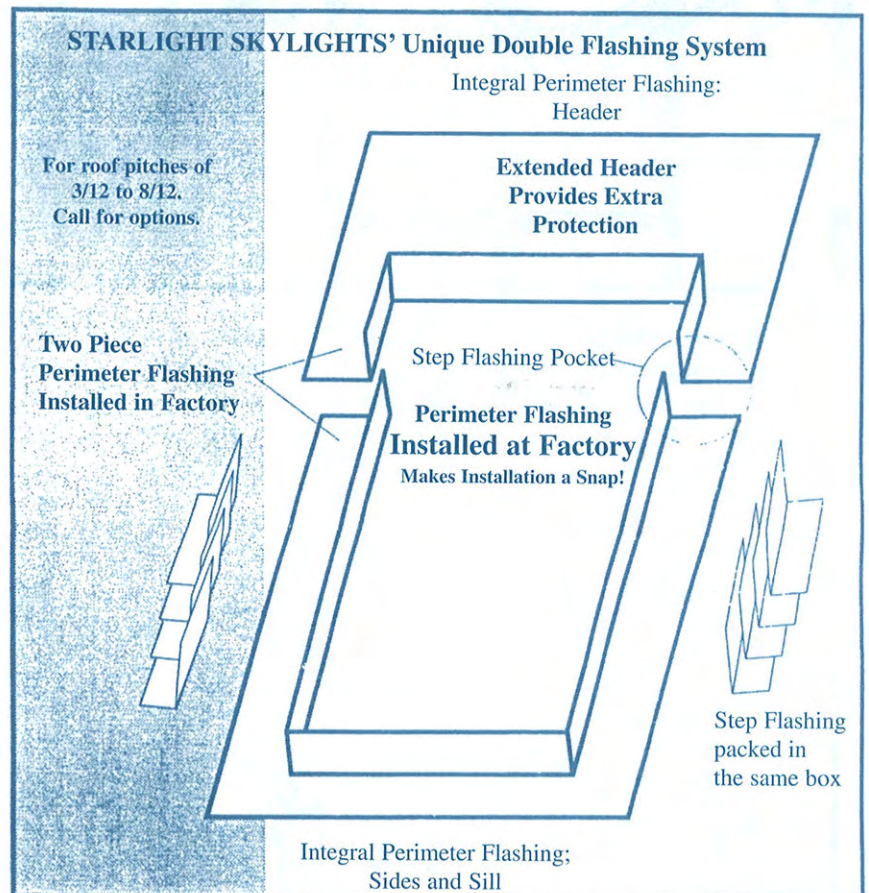
Congratulations! You have purchased the finest Skylight or roof window available today.

Please follow the installation instructions carefully to assure maximum performance of your Starlight Skylight.

Starlight Skylights' Unique Double Flashing System

Starlight Skylights utilize a unique "Double Flashing System". No other skylight has it.

- First, a two piece integral perimeter flashing is installed at the factory. This integral flashing allows the Starlight Skylight to be removed from the box and immediately installed in the rough opening. No pieces and parts to worry about, no disassembly, and no mile long instruction manual.
- Second, as the shingles are being applied step flashing, which is supplied in the same box as the Starlight Skylight, is installed. A step flashing retainer is built into all Starlight Skylights. No small nails, glue or mastics are required as in some systems.



Why a "Double Flashing System"?

Until the introduction of the Starlight Skylight "Double Flashing System" there were two major types of flashing systems used with skylights on normal shingled roofs; perimeter flashing and step flashing systems. Each system had its advantages and disadvantages.

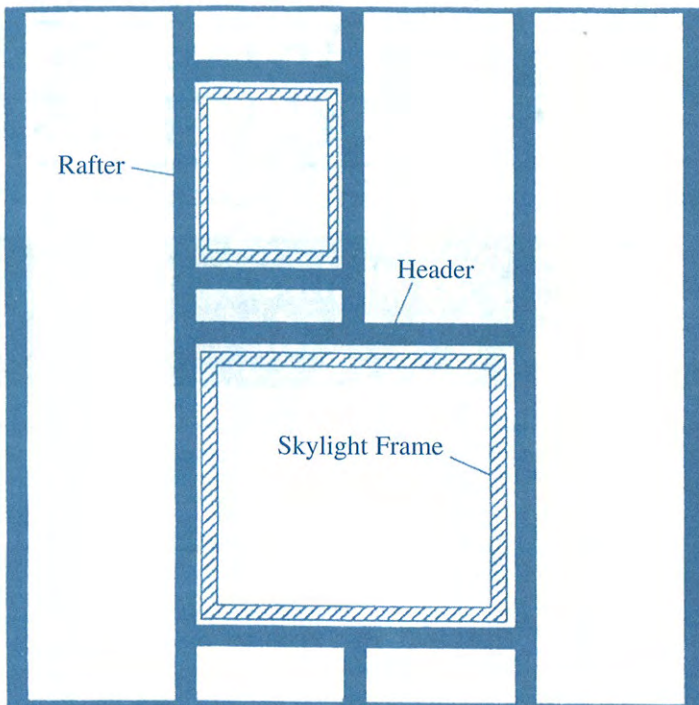
The Starlight Skylight "Double Flashing System" is a combination of the perimeter flashing system and the step flashing system. A two piece perimeter flashing is installed at the factory. Step flashing is also supplied and is installed as the shingles are installed. The last piece of step flashing tucks into the Step Flashing Pocket, which is between the two pieces of perimeter flashing giving a smooth transition. This way the roof shingles are actually sandwiched between two pieces of aluminum.

Advantages The perimeter flashing makes the unit easy to install and eliminates air infiltration. The step flashing makes the installation leak proof.

Disadvantages NONE! This system has all the advantages of the other two systems and none of the disadvantages.

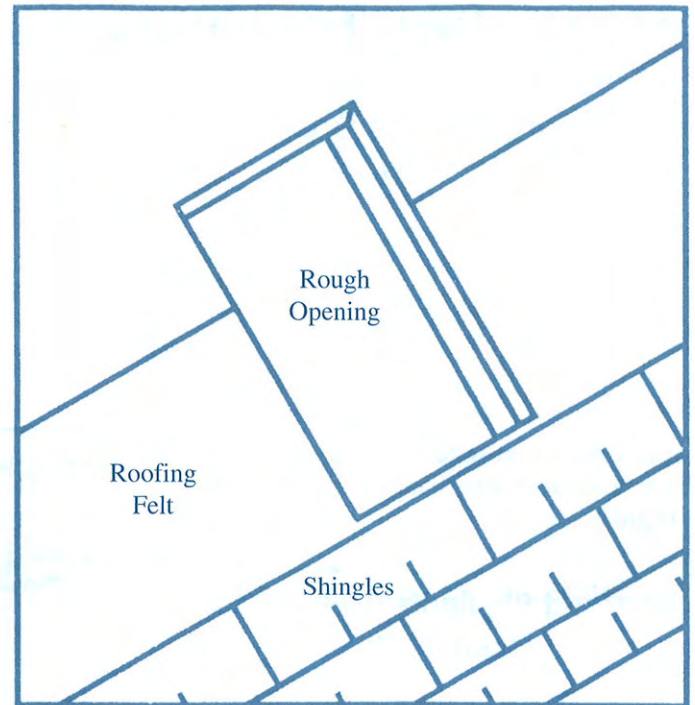
Why settle for less? Only Starlight Skylights have it!

Figure A - Rafter Preparation.



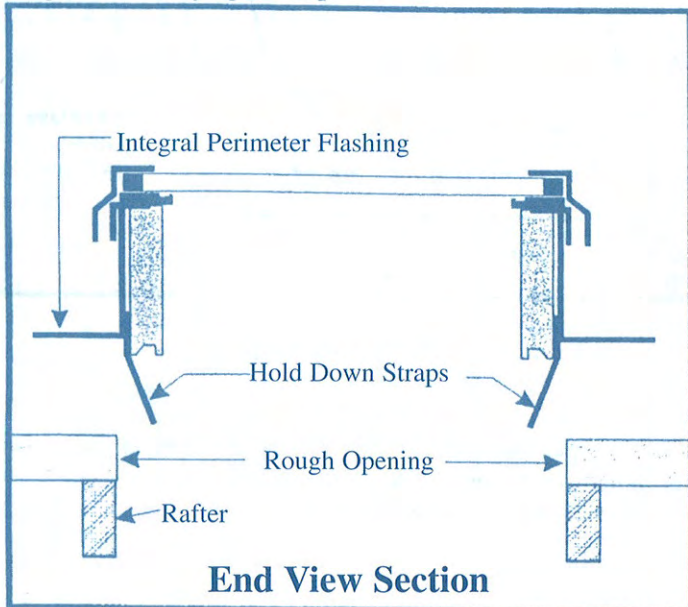
❶ **Prepare rough opening.** Starlight Skylights standard models are specifically designed to fit the American rafter system. 14 and 22 inch models fit perfectly between 16 and 24 inch rafters. The 30 and 46 inch models fit perfectly between two 16 and 24 inch rafters. This design minimizes the work and time required for installation. The rough opening is $\frac{1}{2}$ inch larger than the frame size. See Figure A.

Figure B - Roof Preparation.



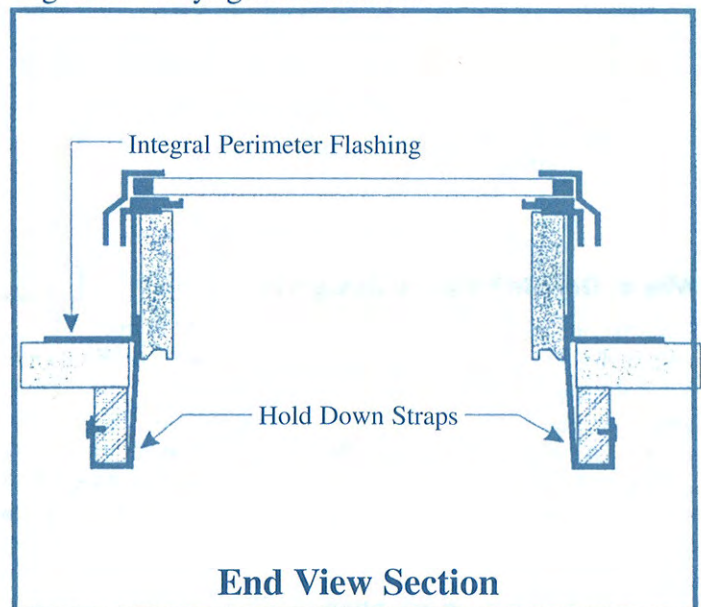
❷ **Prepare Roof.** After the roof opening and rafter modification have been completed, cover the roof with roof felt and shingle up to the rough opening. See Figure B.

Figure C - Skylight Preparation.



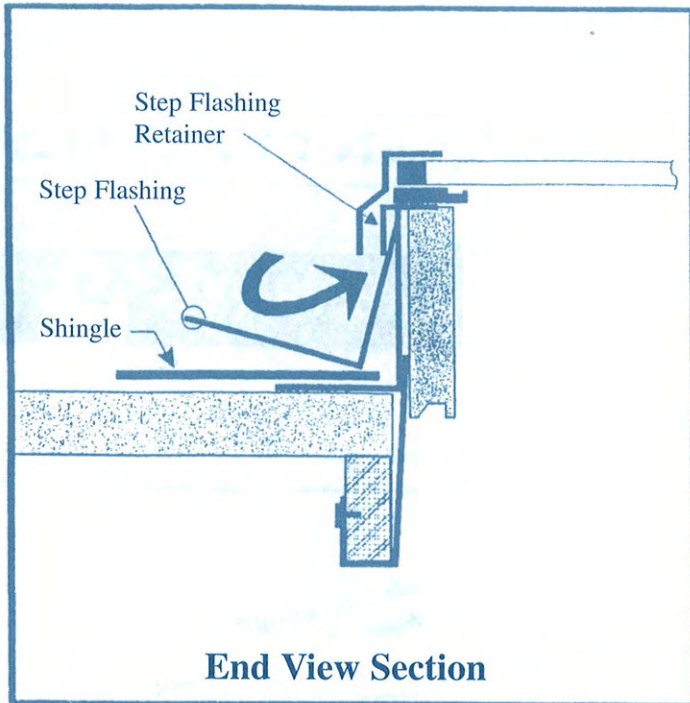
❸ **Prepare Skylight.** Remove skylight from box. The integral perimeter flashing is already installed at the factory. The step flashing is also in the box. Extend the hold down straps perpendicular to the unit and slightly into middle to allow straps to pass into rough opening. See Figure C.

Figure D - Skylight Installation.



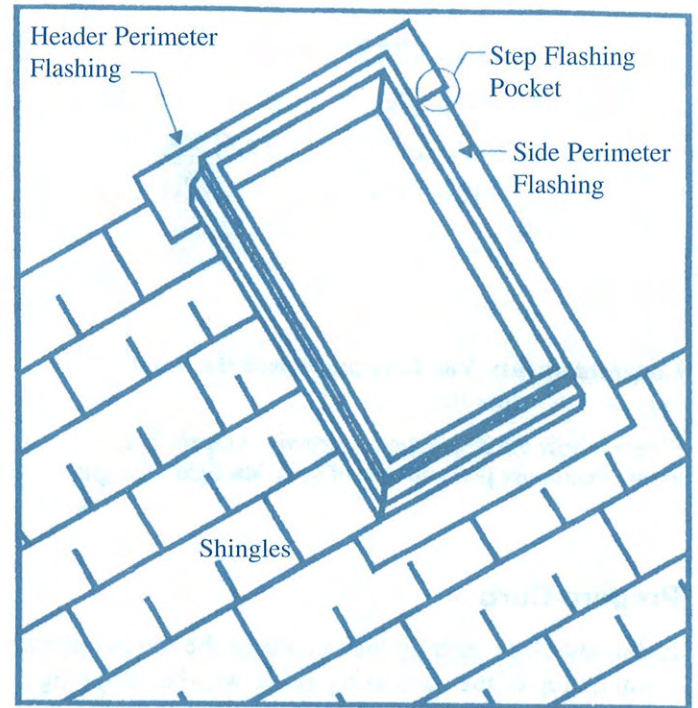
❹ **Install Skylight.** Set skylight into the rough opening ensuring that the end marked "Top" is at the highest point. Wrap straps around rafter and nail. This can be done later to save time. See Figure D.

Figure E - Start Shingle Installation.



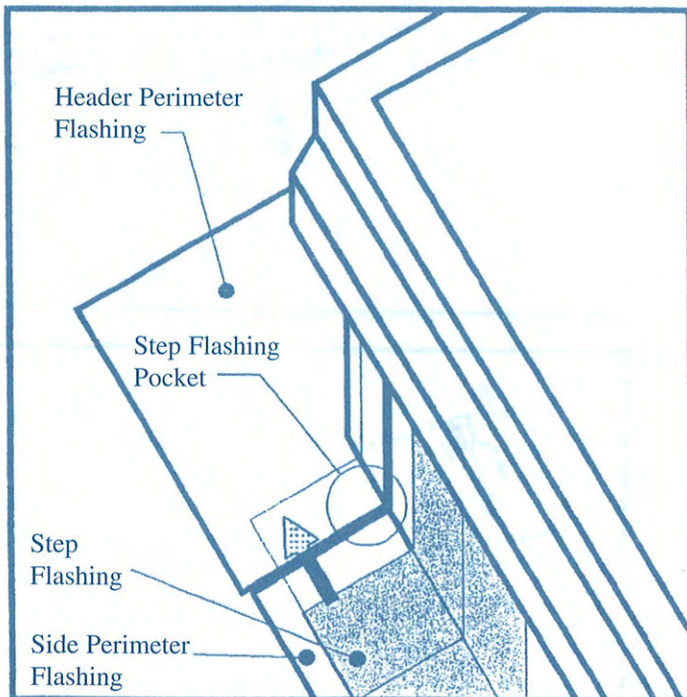
⑤ **Start Shingle Installation.** Lay first row of shingles up to skylight. Remove step flashing bundle from top of skylight and insert a piece of step flashing into the step flashing retainer and on top of the shingle. See Figure E.

Figure F - Shingle Installation.



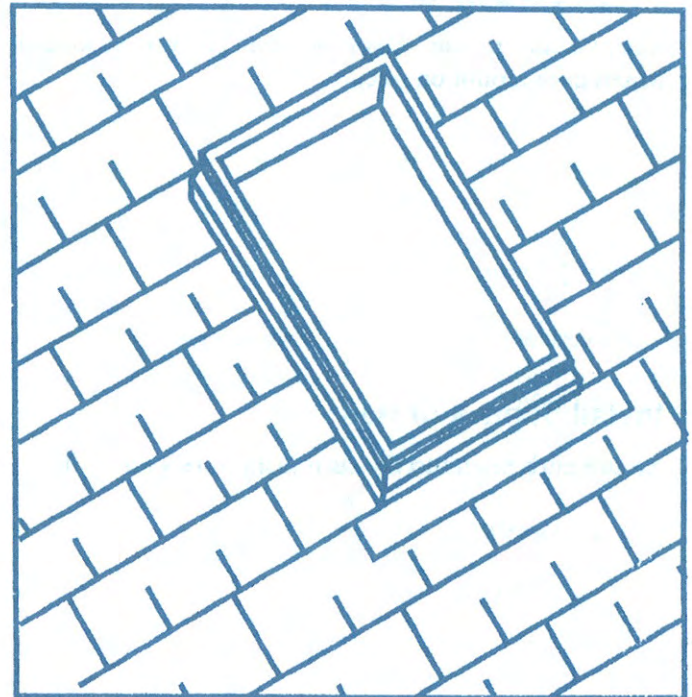
⑥ **Shingle Installation.** Continue laying shingles and step flashing up to the Step Flashing Pocket near the top of the skylight. The step flashing pocket is the slot between the side perimeter flashing and the header perimeter flashing. See Figures F and G.

Figure G - Step Flashing Pocket Detail.



⑦ The last piece of step flashing is tucked into the step flashing pocket. Rotate step flashing into step flashing retainer (see Figure E) and then slide step flashing up into step flashing pocket. See Figure G.

Figure H - Finish Shingle Installation.



⑧ **Finish Shingle Installation.** Finish installing shingles as normal. The shingles across the top should butt up against the header perimeter flashing. You are DONE!

Installation Instructions

Curb Mount Models:

CMA and CMA-TB (Flat to 8/12 pitch)

CMG and CMG-TB (2/12 to 8/12 pitch)



Curb Mounts

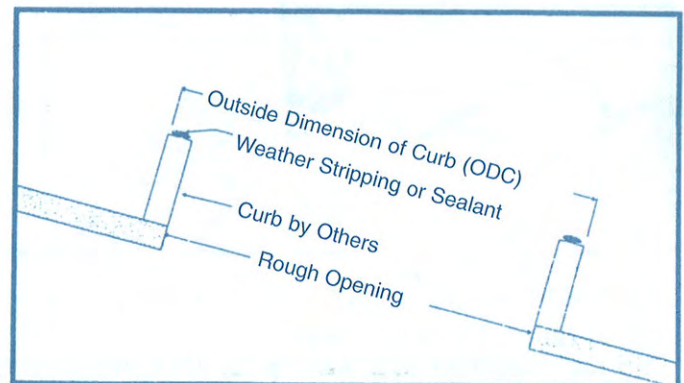
Congratulations! You have purchased the finest curb mount available today.

Please follow the installation instructions carefully to assure maximum performance of your Starlight Skylight.

Prepare Curb

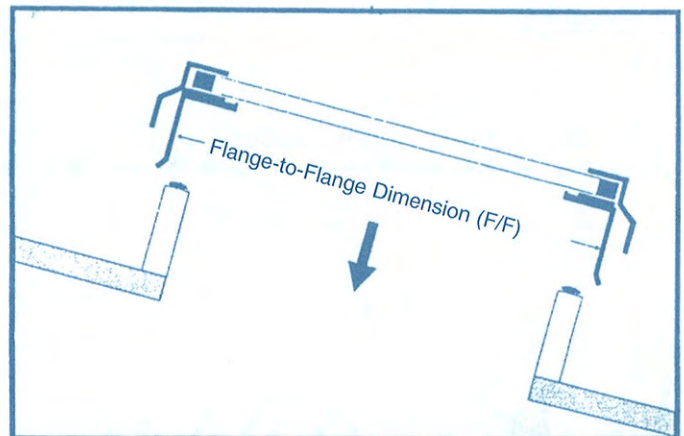
Install and flash curb on the outside of the rough opening. Provide a seal on top of the curb using either weather stripping or sealant.

Note: The outside dimension of the curb (ODC) should be $\frac{1}{2}$ inches smaller than the flange-to-flange (F/F) dimensions of the curb mount.



Install Curb Mount

Remove curb mount from box. Remove any packing materials. Install curb mount on to curb.



Install Screws or Nails

Secure curb mount to the curb using screws or nails.

You are DONE!

